

**DATTA MEGHE INSTITUTE OF MEDICAL SCIENCES**  
[Deemed to be University]

Conferred 'A' Grade status by H.R.D. Ministry Govt. of India.  
Re-accredited by NAAC (3rd Cycle) with 'A+' Grade



**Annual Report Academic Year 2021-22**

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The University emblem is a combination of the symbolic 'Red Cross' and the 'Traditional Maze' of the healing medicinal sciences and practices. The sermons signify, 'Knowledge' to be attained for rendering selfless, devoted and exemplary service so as to carry out genuine welfare of 'Men and Mankind' through medical care and cure. The two green leafy twigs depict attainment of 'Positive Health' for all, thereby actualizing universal peace and harmony.

The emblem aptly hails the guiding principle of the University that acquired knowledge & skill be rendered selflessly towards care and cure for all in the name of humanity with a view to bring about complete human welfare, so that peace and prosperity pervades all over the Globe.

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### **Vision**

- To emerge as the Global center of excellence in the best evidence based higher education encompassing a quality centric, innovative and interdisciplinary approach, generating refutitive research and offering effective and affordable health care for the benefit of the mankind”

### **Mission**

- DMIMS shall develop competent, confident, concerned, compassionate and globally relevant professionals by quality, learner, community and evidence centric ‘competency based model’ of higher education with value orientation, through all its constituent units. It shall foster a conducive milieu for interdisciplinary research practices generating consequential and meaningful outcomes for the nation in general and the region in particular. It shall deliver comprehensive quality health care services to the rural, needy, marginalized and underprivileged populace. This shall be achieved through appropriate collaborative linkages and a proactive, transparent and accountable decentralized governance system.

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### **Goals & Objectives**

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- To provide for need based, learner, community and quality centric education in all such branches of learning as may be deemed appropriate from time to time, so as to enable a student to reap the fruits of tertiary education.
- To institute Degrees, Diplomas, Fellowships, Certificates and other Academic distinctions on the basis of examinations and other permissible methods of evaluation.
- To create higher intellectual capacities and abilities towards generation of globally relevant trained health manpower.
- To venture in to innovations and evidence based modifications in various domains of educational process as a whole.
- To provide for generation of new knowledge through interdisciplinary research relevant to the societal needs.
- To create centers of excellence for research and development, and for dissemination of knowledge and its relevant application regionally, nationally and globally.
- To offer continuing educational programmes to update knowledge and skills and to generate and promote amongst the students, teachers and employees awareness and understanding of the societal needs of the country and ready them for all such needs.
- To undertake innovations, extramural studies, extension programmes and outreach activities to cater and to contribute to the sustainable development of the society.
- To provide need based consultancy to the relevant industries and public health organizations. To ensure the faithful adherence to directions and or guidelines issued by the University Grants Commission and other Regulatory Statutory Bodies from time to time.
- To undertake all such initiatives as may be necessary and desirable towards furtherance of the Objectives and Goals as are set from time to time.

## Message from Hon'ble Chancellor

**Hon'ble Shri. Dattaji Meghe,**



**Hon'ble Chancellor, DMIMS (DU)**

### **MESSAGE**

It gives me an immense pleasure to note that the Annual Report of the University is on way for publication. Annual report turns out to be a reflection of the happenings and doings by the various constituent colleges of this university. The university continues to expand its activities with the introduction of new courses and programs. DMIMS has a well-defined mission which includes quality education, researches, co-curricular activities, student and staff exchange programs. The academic activities have placed emphasis on skill development, ethics and leadership qualities. My appreciation for the hard work of the editorial board for handling the task effectively

Annual report helps us to thank for the success of the past year and provide us the scope to plan for the better future of this university. All the best for the upcoming more glorious period inthe future of our University.

Shri Dattaji Meghe  
Chancellor  
**DMIMS (DU)**

## Message from Hon'ble Pro- Chancellor



**Dr. Vedprakash Mishra**  
**Hon'ble Pro-Chancellor**  
**Datta Meghe Institute of Medical Sciences**  
**(Deemed to be University)**

### **MESSAGE**

It gives me immense pleasure, satisfaction and heartening to note that **Annual Report** of the Datta Meghe Institute of Medical Sciences (Deemed to be University), is being brought out for the **Academic Year 2021-22**, which covers the entire '**plethora**' of happenings in the said year specially incorporating there under the various initiatives undertaken with relevant authorities towards the mitigation of the concerns and challenges and the same would be a '**handy referral piece**' of reading of all the '**relevant informational details**', which are of '**consequence and relevance**'.

The '**Annual Report**' also operationally turns out to be a mirror reflection of the '**happenings and doings**' by the various constituent colleges under the ambit of the University. It brings out their '**creative and committed**' activities in various domains, which pertain to teaching and learning, research, extension and also sustainable development of the society, as a whole.

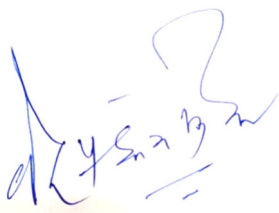
An institution of higher learning cannot afford to have an **'ivory tower image'** for themselves because that would amount to they being chopped and severed off from the **'societal obligations'** and **'ground realities'** thereto.

Datta Meghe Institute of Medical Sciences (Deemed to be University), with its constituent units is committed to catering to the **'cause'** of society in an **'exemplary'** manner, so as to render the best that is expected and desired out of it. The Annual Report categorically brings out this very aspect of commitment of the University to the larger societal good with a sense of accountable responsibility.

I record my sincere appreciation for the Editorial Board and their team for untiring efforts in **'actualizing'** the same.

I record my sincere appreciation for the Editorial Board and their team for untiring efforts in **'actualizing'** the same.

**Yours Sincerely,**



**Professor of Excellence, Professor of Eminence and  
Professor Emeritus Dr. Vedprakash Mishra  
Dr. B. C. Roy National Awardee,**

D.Sc. (Honoris Causa) by Seven Universities, National Head of the Academic Programme of Indian Programme UNESCO  
Chair in Bio-Ethics Haifa & Member of the International Committee for Bioethics for Asia Pacific Region  
Chief Advisor to Hon'ble Chancellor and Krishna Institute of Medical Sciences  
(Deemed to be University), Karad

Pro-Chancellor, Datta Meghe Institute of Medical Sciences (Deemed to be University), Nagpur  
Dean, Academic and Accreditation Board, National Indian Medical Association, New Delhi  
Honorary Professor, Indian Medical Association

Honorary Director, Centre for Health Sciences Education Policy and Planning, DMIMS (DU), Nagpur  
Former Vice Chancellor, Datta Meghe Institute of Medical Sciences (Deemed University), Nagpur  
Former Chairman, Postgraduate Medical Education Committee, Medical Council of India, New Delhi  
Former Chairman, Academic Council, Medical Council of India, New Delhi

## Message from Hon'ble Vice- Chancellor



**Dr. Rajiv Borle**

**Hon'ble Vice-Chancellor**

Datta Meghe Institute of Medical Sciences  
(Deemed to be University)

### **MESSAGE**

It gives me an immense gratification to know that the Annual Report of the Datta Meghe Institute of Medical Sciences (Deemed to be University) is being brought out for the Academic Year 2021-22, which not only embodies the reports on various academic, cocurricular, research activities undertaken by the university but also highlights the achievements and milestones accomplished by the university and its constituent units.

The university has not only overcome the challenges posed by COVID pandemic but has created opportunity for itself out of these challenges and has come out with flying colours. The Academic dispensations were done in seam less manner availing blend of technology. Many initiatives were taken by the university during this academic year like implementation of Competency based curricula, implementation of NEP, Credit banking etc. he university runs academic courses on traditional, ODL and online mode.

On the research front the University has created an enabling research-intensive environment by providing highly equipped advanced research facilities such as New Gen Innovation Entrepreneurship Development Center (New Gen IEDC) which is supported by the National Science & Technology Entrepreneurship Development Board (NSTEDB), DST, GoI, with a mission to promote knowledge-based and technology-driven start-ups by harnessing young minds and their innovation potential in an academic environment. BETIC innovation cell co-established with IIT Mumbai, CoE Pune, and VNIT, Nagpur, helps bring together doctors, engineers, to learn medical device innovation and create exciting solutions for unmet clinical needs. The Innovation Ecosystems have created a significant impact, as indicated by the recognition as Band "Excellent" in the ARIIA and the "4-star" rating received by the DMIMS Innovation Council by the MoE's Innovation Cell and facilitated NDRF training programs by conceptualizing and developing remote-operated device for handling radioactive material. The university has amongst the highest number of ICMR STS and PG thesis grant support in the last 5 years. There are more than 5000 Publications in three electronic databases (Scopus, PubMed, Web of Sciences). 112 Patent Applications are

published, 72 national & International Patents Granted & 654 Copyrights registered until date. The university is recognized as 'ICMR Centre for Clinical Trials as part of Indian Clinical Trial & Education Network (INTENT) and received funding from agencies of repute like WHO South-East Asia region office, Erasmus+, Grand challenges Canada, DST, ICMR, ICSSR, SERB to name a few. The University is collaborating with reputed national & international institutes like University of Sydney, Kazan University, IISc Bangalore, IIT Mumbai, IIT Kharagpur, PHFI, IIPHG, AIIMS Jodhpur among the notable. The rankings achieved by the university like Rankings- NAAC A+, Category I university with graded autonomy, NIRF 61st University in country (2022 edition), JNMC 34th, SPDC 19th , Times Rankings 2nd among HS universities in India and 47th in the world in its maiden attempt are the testimony to the hard work put in by the stake holders. This intricate work represents the handy referral of the best practices by the university in the domains of academics, research, co-curricular activities, hospital services and innovation. This work not only focuses on the achievements, but also represents the commitments and objectives of the team for the next academic year.

I congratulate the entire team of Editorial Board and all the Officials of the University and constituent units for displaying great team work in dispensing the assigned task in a time bound manner.

Dr. R.M. Borle  
Vice Chancellor  
DMIMS (DU)

Message from Hon'ble Pro Vice –Chancellor



**Dr. Lalitbhusan Waghmare**  
Hon'ble Pro-Vice Chancellor  
Datta Meghe Institute of Medical Sciences  
(Deemed to be University)

**MESSAGE**

It gives me immense pleasure to note that the Annual Report of Datta Meghe Institute of Medical Sciences (Deemed to be University), is being brought out for the Academic Year 2021-2022. The achievements and attainment that the University accomplishes is embodied in an Annual Report, which is a handy document for all the stakeholder evaluation. This Annual Report recounts incredible collaborations and achievements of University's most important asset—its people. It is always rewarding when others recognize the remarkable work and achievements of this great university and its people. The report explicitly portrays the magnificent infrastructure, modern equipments and boasts of an excellent research culture among staff and students. The University shines as a beacon of excellence in the field of medical sciences. The compilation and the depiction therein are being presented in artistic and aesthetic manner and it connotes all that is required in a handy. I extend my wholehearted & sincere appreciation to the publication committee for their dedicated efforts in compiling this annual report.

**Dr. Lalitbhusan Waghmare**  
Pro Vice Chancellor  
DMIMS (DU)

## Message from Hon'ble Registrar



**Dr. Babaji Ghewade**  
**Hon'ble Registrar**  
**Datta Meghe Institute of Medical Sciences**  
**(Deemed to be University)**

### **MESSAGE**

It gives me immense pleasure to know that the Annual Report of Datta Meghe Institute of Medical Sciences (Deemed to be University) for the year 2021-2022 is coming out as per the pre-decided schedule. I congratulate all the members of the editorial board and appreciate the team work shown by them in making it a comprehensive and well-structured document incorporating the salient achievements and roadmap for future progress.

DMIMS (Deemed to be University) has a well-defined Vision and Mission which encompasses the key thrust areas including quality education, quality health care, research and extension, community participation and contribution to the global and national needs in health care sector. This is amply evident in this challenging time of global Covid-19 pandemic where the university had undertaken several unique steps like virtual convocation through digital platform, online-examinations, online classes, webinars and the affiliated hospitals played major role in the fight against Covid-19 as the dedicated Covid-19 Hospitals for the Wardha & Nagpur districts. The hospitals were also involved in the world's biggest vaccination drive.

Another remarkable achievement with the committed efforts of all concerned, under the inspiring and able leadership of the Hon'ble Chancellor Shri. Dattaji Meghe and Members of Board of Management, Heads of Institutions, Faculty and Non-teaching staff from all constituent Colleges is that the university has secured 54<sup>th</sup> rank in the university category in NIRF- 2022.

The purpose of this annual report for us is to derive insights from the past in order to help us plan for the future. I hope this report reaches to all the stakeholders and sparks a fire in all our hearts to inspire & strive towards a greater and more glorious period in the coming years.

**Dr. Babaji Ghewade**  
Registrar  
DMIMS (DU)



## Remarks from the Chief Editor



**Dr. Vidya Lohe**  
**Dean Academics, Faculty of Dentistry**  
**Chief Editor**  
**Annual Report 2021-22**

### MESSAGE

I am honored and excited to place the ‘**Annual Report**’ of the Datta Meghe Institute of Medical Sciences (Deemed to be University), for the **Academic Year 2021-22**. Annual Reports are the University's way of communicating with all its stakeholders, the achievements and activities concerned with making its students ‘**Globally Competent**’. It takes a team effort to achieve something impressive.

As I present before you the accomplishments recounted, here are the outcome of extraordinary teamwork by faculties of the University. The Office bearers, the administrative staff, the academicians and most importantly the students, all have contributed towards the ‘**Achievements of the University**’.

This ‘**Annual Report**’ documents the yearlong progress of the University. We are proud to delineate, and share with you the constant efforts put in to compete amongst the elite public Universities, providing Health Education pan Indian sub-continent. The activities of our University and its faculties span an enormous range and this report outlines the achievements and progress in the selected key areas over the past year.

Systematizing the ‘**Annual Report**’ was colossal task which would not have been achievable without team efforts. Hereby, I take this opportunity to express gratitude to the esteemed editorial board members and faculty who had benefitted in portraying this annual report. I thank them for their insight and timely support.

I hope this ‘**Annual Report**’ extends to all the stakeholders and **flickers a fire** in all our hearts to **instigate** and **strive** towards a more **glorious** period in the coming years.

**Dr. Vidya Lohe**  
Dean Academics  
Faculty of Dentistry

## Executive Summary

Datta Meghe Institute of Medical Sciences (Deemed to be University), with its constituent units is committed to cater to the 'cause' of society in an 'exemplary' manner, so as to render the best that is expected and desired out of it. The Annual Report categorically brings out its very aspect of commitment of the University to the larger societal good with a sense of accountable responsibility. This '**Annual Report**' of the University has been formulated for the Academic Year 2021-22, wherein the salient features of its achievements have been incorporated diligently with an immaculate presentation. The compilation and the depiction therein is, aesthetic, artistic and connotes all that is required in a handy and free flowing manner.

The '**Annual Report**' flags a well-defined Vision and Mission of Datta Meghe Institute of Medical Sciences (Deemed to be University) which encompasses the key thrust areas including quality education, quality health care, research and extension, community participation and contribution to the Global and National needs not only in health care sector but also in Allied Sciences including faculty of Engineering and Technology.

Datta Meghe Institute of Medical Sciences (Deemed to be University), has been granted the status of Deemed to be University by UGC on 24<sup>th</sup> May, 2005. It got conferred 'A' Grade status by the Ministry of HRD, GoI amongst the Deemed Universities in the Country in May 2013. The University subsequently got, placed in 'Category-I Deemed to be University as per the University Grants Commission (Categorization of Universities only) for grant of graded autonomy regulations 2018.

The University has undergone three cycles on NAAC reaccreditation, with the highest grade in all cycles. In its 5<sup>th</sup> cycle of participation, the University is ranked at 92<sup>nd</sup> position in 'Overall category', 54<sup>th</sup> position in the 'University category', 24<sup>th</sup> in Medical and 11<sup>th</sup> amongst Dental colleges in NIRF Rankings 2022.

The University got ranked in Band 'Excellent' of ARIIA rankings. The University got featured in Times Impact Rankings for UN's Sustainable development Goals 3, 4, 5 & 17. It ranked 47<sup>th</sup> in the world and 2<sup>nd</sup> in the country in SGD 3.

University's performance in the above mentioned SDGs stands true to the Vision of University of providing quality-centric, innovative and interdisciplinary education and affordable and world Class "Tertiary Health Care" in Rural India for the deprived and underprivileged.

The University bagged Diamond Category in QS I Gauge and QS Medical Subject Ratings and is certified in QS Advanced E LEAD. DMIMS (DU) and happens to be the only University in Central India being ranked by this reputed UK based International Ranking system. A total of 23 Indian Universities are ranked under 'Diamond' category by QS I gauge with only eight Universities with Health related programs; DMIMS (DU) being one amongst them. DMIMS (DU) is also certified by QS for **Advanced E LEAD and E LEAD** thereby testifying judicious blend of technology in all Teaching Learning and assessment practices.

The University has received numerous International and National recognitions, awards and collaborations in research, community services and Faculty Development.

The DMIMS (DU) shares space with premier Universities and has attained highest possible 'Platinum' rating on three criteria of QS I-GAUGE: Employability, Governance & Structure and Facilities and scored 100% marks on

various indicators of Subject rating (Medicine) such as Student Satisfaction, Alumni Satisfaction, Faculty-student Ratio, Library Facilities, Sponsored Fellowships, Biomedical waste Management, etc.

The University has sizable number of granted Patents and high impact research publications including the most prestigious Dr. B.C. Roy Award for research.

In the present '**Annual Report**', under the heading of University Profile, all the **Educational programs** under the Faculty of Medicine (Jawaharlal Nehru Medical College) and Faculty of Dentistry (Sharad Pawar Dental College & Hospital) are displayed. The scope of the university was further broadened by incorporation of other streams of health sciences when Mahatma Gandhi Ayurveda College, Smt. Radhikabai Meghe Memorial College of Nursing, Ravi Nair College of Physiotherapy and Datta Meghe College of Pharmacy. Under all the above mentioned colleges, Undergraduate and post graduate programs as well as Postdoctoral and Fellowship programs are run. In Datta Meghe Medical College, Wanadongri, Nagpur, undergraduate program is run.

In view of strengthening the area of providing health care services, allied healthcare professionals would have to play a prominent role. There is an urgent need for the government to plug policy gaps and ensure the availability of the right human resources for quality care at primary, secondary as well as tertiary levels. As the Ministry of Health and Family Welfare in India gets ready to undertake a facelift for the entire allied health workforce by establishing national and regional institutes of excellence, DMIMS has already joined this venture by starting new courses in tandem with previous courses of the University so that the health services can reach to rural as well as remote area. From the academic year 2021-22, under the faculty of Engineering and Technology B. Tech Agriculture Engineering, B. Tech Artificial Intelligence and Data Science, B. Tech Artificial Intelligence and Machine Learning, B. Tech Computer Science and Medical Engineering, B. Tech Computer Science and Design, M. Tech Artificial Intelligence and Data Science and M. Tech Biomedical Engineering also added.

The '**Annual Report**' is also reflecting the various '**Autonomous cells**' run by the university. The hallmarks of Autonomous cells are - Structured in nature with regard to composition, Targeted in dispensation, Focused on an operation and Achieved through 'Management by Objectives' (MBO). The working of the autonomous cells is reflected in the annual report of the university. Autonomous cells are the satellite centers of the university. They represent delegated authority to various task groups. The Autonomous cells under the ambit of DMIMS (DU) are: 1) Ph.D. cell, 2) Research cell, 3) Journal cell Examination Cell, 4) Institutional forum for women/Gender Equality Cell/internal complaint committee, 5) Student Welfare Cell, 6) Students Guidance Cell, 7) Grievances Redressal Cell, 8) Placement Cell, 9) Anti-ragging Monitoring Cell, 10) University Examination Cell, 11) Alumni Cell, 12) Equal Opportunity Cell, 13) Attendance Cell

The '**Research profile**' of the University is depicted through six published in-house multidisciplinary research journals namely; 1. Journal of Datta Meghe Institute of Medical Sciences University, 2. Journal of Dental Research, 3. Journal of Indian system of Medicine, 4. Journal of Rural Nursing, DMIMS 5. Journal of Health Sciences Education, 6. Journal of School of Advanced Studies.

**Best Practices** – The context that led to initiation of practice, Objectives of practice, the practice, Impact of practice has been covered. There are two best practices: 1) Academic program on Systematic literature review for Doctoral scholars and Post graduate students as a value added course in Doctoral program of DMIMS (DU). 2) Adversity to Fruition: COVID – 19 initiatives for active student engagement during COVID-19 Pandemic.

The '**Teaching Hospitals**' attached to the constituent colleges are core areas for imparting hands on clinical training to the learners to shape and sharpen their clinical skills. The services offered to the patients need to be

of top quality and the State of the Art facilities are created at these hospitals to ensure integration of Service & Training component. The hospitals under the university are managed through an efficient monitoring system, feed backs and audits to ensure optimization of the quality. The Hospital steering committee not only ensures the proper functioning of the hospitals but also ensures the optimum utilization of hospital resources for training to the learners.

University has 4 major hospital as **Acharya Vinoba Bhave Rural Hospital (AVBRH)** under the roof of AVBRH we have two centres Shalinitai Meghe Superspecialty Centre (SMSC) & Siddharth Gupta Memorial Cancer Hospital (SGMCH), **Shalinitai Meghe Hospital & Research Centre (SMHRC), Nagpur , Sharad Pawar Dental College & Hospital (SPDC&H) & Mahatma Gandhi Ayurvedic college & Hospital (MGAC & H),** Total 2571 bedded fully equipped hospitals with state of the art facilities. Around 410 clinicians and adequate nursing & Paramedical manpower is provided for the patient care. The AVBRH happens to be one of the largest teaching hospitals in the central area providing promotive, preventive, therapeutic health care facilities not only to the people of the Vidarbha but also the population from adjoining state. The hospitals are working on the Philosophy of “*Affordable health care for all*” and “*Health care at doorstep*”. In the pursuit of the same all the hospital services, including the high end super speciality services are offered at highly subsidized and affordable cost. Many health care, patient welfare schemes are launched to help the economically weaker sections of society.

The ‘**Centers of Excellence**’ are created for the advancement of knowledge and to develop excellence in the chosen areas in order to meet the great challenges of the 21st century. The Institute brings together the most brilliant minds to drive cutting-edge discovery and scholarship for the betterment of mankind. The Centers of Excellence (COE) are characterized by the innovation and uniqueness of their activities as well as the effectiveness and National and International visibility. The emphasis of COEs is on creating an environment that nurtures creativity, flexibility and original thought. There are in all seven Centers of Excellence: 1) Centre for Health Sciences Education Policy and Planning, 2) School for Health Professions Education & Research, 3) Centre of Excellence for Evidence based Nursing, 4) Center of Excellence for Therapy Evaluation and Interdisciplinary, 5) Center of Excellence for Therapy Evaluation and Interdisciplinary, 6) Centre of Excellence of AROGYA Setu, 7) Centre of Excellence for Regenerative Medicine.

## **Best Practices**

### **1. Best practice**

#### **a. Title of Practice**

Academic program on Systematic literature review for Doctoral scholars and Post graduate students as a value added course in Doctoral program of DMIMS (DU)

#### **b. The context that led to initiation of practice**

Doctoral programs are research intensive. Scholar has to undertake elaborate and focused literature review (published and unpublished) to identify a tenable research question. Similarly, post graduate medical education is one step near to professional practice and must include training of students in generating credible evidence that improve patient outcomes. A scientific means of doing so is that of systematic literature review. Systematic literature review search, appraise and collate all relevant empirical evidence in order to provide a complete interpretation of research results. In view of the fact that both these academic programs must involve training in research methodology and systematic literature review for a meaningful contribution to scientific community, the Academic program on Systematic literature review for Doctoral scholars and Post graduate students was launched.

Since Systematic literature review is more exhaustive than a literature review as it includes both published and unpublished literature like unpublished studies, reports, dissertations, conference papers, ongoing clinical trials etc.; a structured credit based academic program was launched so that the project proposals are thoroughly informed by literature and scientific data.

#### **c. Objectives of practice:**

1. Systematically identify the Problem/Population, Intervention, Control and Outcomes
2. Crystallize Research question based on need and research gap
3. Identify & apply various screening parameters
4. Analyze and Interpret screened data for systematic review or meta-analysis
5. Apply suitable search strategies to extract relevant information and evidence
6. Design Research protocol with a robust scientific approach
7. Perform and publish systematic review and met analysis

#### **d. The practice:**

The course succeeds the workshop on research methodology, with 9 allocated credits. It is structured with following course outcomes and contents thereof, as stated below:

1. Describe the distinguishing characteristic of a systematic review
2. Decipher the relevance of P-I-C-O for search of relevant literature for gap analysis.
3. Choose relevant scientific publications , as filtered by PICO search
4. Formulate a research question that is feasible, interesting, novel, ethical and relevant.
5. Frame a broad aim and measurable objectives of systematic review.
6. Recognize appropriate review techniques of potential applicability.
7. Prepare research protocol as per PRISMA-P checklist

8. Interpret search terms to apply for search strategy for search engines, especially PubMed and CENTRAL.
9. Perform search strategies by suitable application of search filters.
10. Import the search data to screening software
11. Screen the imported data for relevance and utility
12. Analyse critically and synthesize findings of key research studies that addresses the research question
13. Perform systematic review or meta-analysis of the selected screened data.
14. Prepare the manuscript of systematic review and/or metanalysis as per standard scientific norms.

**e. Impact of practice:**

The academic course on Systematic Literature Review has largely benefitted the project proposals for the two academic program in terms of:

1. Delivering a clear and comprehensive overview of available evidence on a given topic.
2. Help in identification of research gaps in our current understanding of a field.
3. Highlight methodological concerns in research studies that can be used to improve future work in the topic area.
4. Identification of questions for which the available evidence provide clear answers and thus for which further research is not necessary.

There have been two successive courses on systematic review till date. The total number of doctoral students trained are 195 and post graduate students are 126. Equal number of manuscripts on systematic review are submitted for publication. Till date 10 systematic reviews have been published and 45 systematic literature reviews have been published by the beneficiaries.

**2. Best practice**

**a. Title of Practice : Adversity to Fruition : COVID – 19 initiatives for active student engagement during COVID-19 Pandemic**

**b. The context that led to initiation of practice:**

COVID Pandemic paved the biggest health crisis of the century and impacted each individual, organization and the economy by lasting for more than 2 years at a stretch. One of the biggest challenge during lockdown was to keep faculty and student motivated and positive, minimize academic loss and ensure academic progression of learners. Standards of Academics and Health care were too maintained, if not augmented, to two most major stakeholders viz Students and patients respectively during this Global catastrophe. Equally important was to train Health manpower unabatedly so as to meet the growing demand of health care. There was an immediate need to engage students at home in a meaningful way, promote e-Learning , teach in a virtual setting and provide stable learning environment to ‘learn by doing’. One of the ways to do this was by engaging students as partners in curricular transactions while embracing this change and augment co-curricular activities that would help students to stay connected with the University and the teachers in a tangential mode. These active strategies aimed to combat monotonous classroom schedules and venture into more interactive co-curricular tasks and events like research projects, online courses and publication.

### **c. Objectives of practice:**

1. Maintain global standards of HE during COVID 19 Pandemic
2. Minimize academic loss by effective use of technology
3. Ensure academic progression
4. Instill Self Directed Learning skill
5. Foster sense of competence during ‘learn from home’ period of pandemic
6. Embrace collaborative learning
7. Establish positive teacher-student relationships
8. Promote mastery orientations
9. Generate e-learning resources

### **d. The practice:**

An Umbrella mechanism of the University was created for Meaningful Student Engagement (MSE) in all curricular initiatives and related decision making during the Pandemic (copyright no : L-109396/2021). The Learners were assigned with

- a. Teaching & Learning:** Peer teaching, collaborative learning activities, videos of small skills, Massive Open online courses by Harvard and Courseera, Clinical snippets, e clinics and e tutorials
- b. Generation of e resources:** Enriching Learning Resource Material (LRM)
- c. Assessment:** Learner – led validation of electronic question bank, Online Quizzes
- d. Mentoring:** Reverse mentoring (students mentoring teachers) for efficiently using e platforms for TL activities. The preceptorship program was also conducted on virtual mode to ensure that students remain connected to their teachers, take their guidance and help during the pandemic period
- e. Co-curricular :** E-Competition in different genres were organized on Important Health days & Weeks, Webinar/Guest lecture of distinguished Alumni were held at different colleges of University.

### **e. Impact of practice:**

- a.** Three models of online/blended learning and seven SOPS were developed and received IPR status. The seven pronged blended Learning model for IMG (L-95175/2020) is co-authored by 5 Deemed Universities across the country.
- b.** More than 100 students participated and 91 COVID – 19 review articles were published by students. DMIMS (DU) was ranked 5th in the country (3rd in Private) to publish research articles related to COVID as per ICMR statistics.
- c.** By virtue of judicious application of ICT for TL, the University was certified with QS–I Gauge ‘E Learning Excellence for Academic Digitization (E-LEAD)’ upon thorough evaluation for technological competencies to meet the requirements of a rapidly changing environment for Teaching Learning in Higher Education.
- d.** E resources were generated either by the students or for the students to keep them constructively engaged in learning viz. Simulation lab videos : 75, OSCE/ OSPE videos : 300, You Tube Clinical Snippets : 30, Recorded lectures : > 300, E – notebooks : all subjects/all courses, Standardized patient modules : 45, Simulation lab training modules : 75, Clinical Case scenarios : 315, Clinical snippets on You tube : 30

## UNIVERSITY PROFILE

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Datta Meghe Institute of Medical Sciences was conferred Deemed University Status by the Ministry of Human Resource Development, Government of India on the recommendations of the University Grants Commission in terms of the provisions included at section 3 of the UGC Act, 1956 on 24.05.2005, with two faculties under its ambit, namely Faculty of Medicine (Jawaharlal Nehru Medical College) and Faculty of Dentistry (Sharad Pawar Dental College). The scope of the university was further broadened by incorporation of other streams of health sciences when Mahatma Gandhi Ayurveda College, Smt. Radhikabai Meghe Memorial College of Nursing and Ravi Nair College of Physiotherapy were brought under the ambit of the university on 23<sup>rd</sup> July, 2009 after the approval from the University Grants Commission and the Ministry of HRD, Government of India.

The University is widely seen as among the best Deemed universities in the country since its inclusion in elite 'A+' category by the Ministry of HRD Government of India in 2013.

The University further broadened its ambit by incorporation of the others streams of Health Sciences by addition of Pharmaceutical Sciences, Faculty of Liberal Arts, Humanities and social Sciences and Faculty of Commerce and Management Sciences and Faculty of Allied health sciences in the academic year 2019-20. From the academic year 2021-22, under the faculty of Engineering and Technology (FEAT) B. Tech Agriculture Engineering, B. Tech Artificial Intelligence and Data Science, B. Tech Artificial Intelligence and Machine Learning, B. Tech Computer Science and Medical Engineering, B. Tech Computer Science and Design, M. Tech Artificial Intelligence and Data Science and M. Tech Biomedical Engineering programs are also run.

The constituent Units of Deemed University, Sawangi (Meghe), Wardha offers full spectrum of health education courses from degree to Doctoral (PhD) program and Doctorate in science (D.Sc.).

Datta Meghe Institute of Medical Sciences (Deemed to be University) has been ranked gloriously in the World Times Higher Education Impact Rankings 2022. The Times Impact Rankings are held every year based on 17 UN Sustainable Development Goals (SDGs) that determine University's contributions across the globe to achieve a better and more sustainable future for the world.

In this maiden venture of the University in Times International Rankings, it has been ranked in 47<sup>th</sup> across the globe and 2<sup>nd</sup> in the country for UN Sustainable Development Goal 3 (SDG 3) i.e Good Health and Wellbeing that ensure healthy lives and promote wellbeing for all at all ages. A total of four Indian Universities have been ranked in this SDG 3. In SDG 4 i.e Quality Education, DMIMS (DU) has been ranked 8<sup>th</sup> in the country. SDG 4 ensures inclusive and equitable quality education and promote lifelong learning opportunities for all. The University has also been ranked in top 200 Universities across the globe in SDG 5 i.e Gender Equality that achieves gender equality and empower all women and girl, 4<sup>th</sup> out of a total of 10 Universities ranked in the country. As University's conscious effort to strengthen the means of implementation and revitalize global partnership for sustainable development; SDG 17, it has been ranked 8<sup>th</sup> in the country. The Overall ranking of the University is 13<sup>th</sup>, 4<sup>th</sup> and 7<sup>th</sup> in Higher Education Institute category, Medical & Dentistry category and other Health Category respectively.



A total of 1500 Universities have been ranked in Times Impact Rankings 2022 across the globe. University's performance in the above mentioned SDGs stands true to the Vision of University of providing quality-centric, innovative and interdisciplinary education and affordable and world Class "Tertiary Health Care" in Rural India for the deprived and underprivileged.

The strenuous efforts and astute leadership of Dr Ved Prakash Mishra, Hon'ble Pro Chancellor, Shri Sagarji Meghe, Dr Rajiv Borle, Hon'ble Vice Chancellor, Dr Lalitbhushan Waghmare, Hon'ble Pro Vice Chancellor and Dr Babaji Ghewade, Registrar along with a dedicated team of Internal Quality Assurance cell, Constituent units and Hospitals of the University has led to actualization of this dream on Hon'ble Chancellor Shri Dattaji Meghe.

Datta Meghe Institute of Medical Sciences (Deemed to be University), Wardha has once again proven its academic excellence as an esteemed Higher Education University by securing 'Diamond' ratings in the recently declared **QS I-GAUGE and QS I-GAUGE Subject ratings (Medicine)**. DMIMS (DU) happens to be the only University in Central India being ranked by this reputed UK based International Ranking system. A total of 23 Indian Universities are ranked under 'Diamond' category **by QS I gauge** with only eight Universities with Health related programs; DMIMS (DU) being one amongst them. DMIMS (DU) is also certified by QS for **Advanced E LEAD and E LEAD** thereby testifying judicious blend of technology in all Teaching Learning and assessment practices.

In its maiden attempt, DMIMS (DU) thus shares space with premier Universities and has attained highest possible 'Platinum' rating on three criteria of QS I-GAUGE: Employability, Governance & Structure and Facilities and scored 100% marks on various indicators of Subject rating (Medicine) such as Student Satisfaction, Alumni Satisfaction, Faculty-student Ratio, Library Facilities, Sponsored Fellowships, Biomedical waste Management, etc.

QS I-GAUGE is an all-inclusive rating system for Indian Universities and colleges that provides a 360-degree perspective in the light of seven primary indicators and five secondary indicators, ranging from Teaching, Learning, Employability, Social Responsibility to Research and Innovation. It brings together the global expertise, experience and reputation of Quacquarelli Symonds (QS), along with deep local knowledge of luminaries from Indian education. QS I-GAUGE has framed its subject ratings methodology for Indian institutions keeping a long term objective in mind, where Institutions are evaluated based on how specific subjects are taught to fulfil the current market trend and allow for future adaptation.

### Educational programs of constituent colleges

<b>Jawaharlal Nehru Medical College, Wardha</b>		
<b>S. No</b>	<b>Program</b>	<b>Level</b>
1.	Bachelor of Medicine and Bachelor of Surgery (MBBS)	Undergraduate
2.	MD (Anatomy)	Post graduate
3.	MD (Physiology)	Post graduate
4.	MD (Biochemistry)	Post graduate
5.	MD (Pathology)	Post graduate
6.	MD (Pharmacology)	Post graduate
7.	MD (Microbiology)	Post graduate
8.	MD (Community Medicine)	Post graduate
9.	MD (Emergency Medicine)	Post graduate
10.	MD (General Medicine)	Post graduate
11.	MD (Dermatology, Venereology & Leprosy)	Post graduate
12.	MD (Psychiatry)	Post graduate
13.	MD (Respiratory Medicine)	Post graduate
14.	MS (General Surgery)	Post graduate
15.	MS (Orthopaedics)	Post graduate
16.	MS (Otorhinolaryngology)	Post graduate
17.	MS (Ophthalmology)	Post graduate
18.	MD (Radio-Diagnosis)	Post graduate
19.	MD (Anaesthesiology)	Post graduate
20.	MD (Obstetrics & Gynaecology)	Post graduate

21.	MD (Paediatrics)	Post graduate
22.	M.Sc. Medical Anatomy	Post graduate
23.	M.Sc. Medical Physiology	Post graduate
24.	M.Sc. Medical Biochemistry	Post graduate
25.	M.Sc. Medical Pharmacology	Post graduate
26.	M.Sc. Medical Microbiology	Post graduate
27.	DM Cardiology	Post Master's
28.	DM Critical Care Medicine	Post Master's
29.	DM Medical Gastroenterology	Post Master's
30.	DM Medical Oncology	Post Master's
31.	DM Nephrology	Post Master's
32.	DM Neonatology	Post Master's
33.	DM Interventional Radiology	Post Master's
34.	MCH Neurosurgery	Post Master's
35.	M.Ch. Urology	Post Master's
36.	M.Ch. Cardio Thoracic & Vascular Surgery	(Applied for Closure in AY 2019-20)
37.	DM Cardiac Anaesthesia	(Applied for Closure in AY 2019-20)
38.	Diploma in Community Medicine	(Applied for Closure in AY 2018-19)
39.	Diploma in Microbiology	(Applied for Closure in AY 2018-19)
<b>Datta Meghe Medical College (Off Campus, Nagpur)</b>		
1.	Bachelor of Medicine and Bachelor of Surgery (MBBS)	Undergraduate
<b>Sharad Pawar Dental College &amp; Hospital, Wardha</b>		
1.	Bachelor of Dental Surgery (BDS)	Undergraduate
2.	MDS Prosthodontics	Post graduate

3.	MDS Orthodontics	Post graduate
4.	MDS Periodontics	Post graduate
5.	MDS Oral and Maxillofacial Surgery	Post graduate
6.	MDS Conservative Dentistry	Post graduate
7.	MDS Oral Medicine	Post graduate
8.	MDS Oral Pathology	Post graduate
9.	MDS Pedodontics	Post graduate

**Mahatma Gandhi Ayurved College Hospital & Research Centre, Wardha**

1.	BAMS	Undergraduate
2.	M.D. (Samhita Siddhant)	Post graduate
3.	M.D.(Rachana Sharir)	Post graduate
4.	M.D.( Dravyaguna )	Post graduate
5.	M.D. (Agadtantra)	Post graduate
6.	M.D.(Rasashastra & Bhaishajya Kalpana )	Post graduate
7.	M.D. (Kayachikitsa )	Post graduate
8.	M.D.( Panchakarma)	Post graduate
9.	M.S.( Shalyatantra )	Post graduate
10.	M.D. (Kaumarbhritya )	Post graduate

**Ravi Nair Physiotherapy College, Wardha**

1.	Bachelor of Physiotherapy (BPT)	Undergraduate
2.	MPT in Musculoskeletal Physiotherapy	Post graduate
3.	MPT in Neuro Physiotherapy	Post graduate
4.	MPT in Community Health Physiotherapy	Post graduate
5.	MPT in Cardio Respiratory Physiotherapy	Post graduate

<b>Datta Meghe College of Pharmacy, Wardha</b>		
1.	Bachelor of Pharmacy (B. Pharma)	Undergraduate
<b>Smt. Radhikabai Meghe Memorial College of Nursing, Wardha</b>		
1.	B.Sc. Nursing	Undergraduate
2.	BSc Nursing (Post Basic) (P.B.B.Sc. Nursing)	Undergraduate
3.	M.Sc. Medical Surgical Nursing	Post graduate
4.	M.Sc. OBGY Nursing	Post graduate
5.	M.Sc. Mental Health Nursing	Post graduate
6.	M.Sc. Child Health Nursing	Post graduate
7.	M.Sc. Community Health Nursing	Post graduate
<b>School of Allied Health Sciences</b>		
1.	B. Sc. Physician Assistant	Undergraduate
2.	B.Sc. Biomedical Sciences	Undergraduate
3.	B. Sc. Respiratory Therapy	Undergraduate
4.	B.Sc. Health Sciences	Undergraduate
5.	B.Sc. Health Information Management	Undergraduate
6.	B.Sc. Clinical Nutrition and Dietetics	Undergraduate
7.	B.Sc. Accident and Trauma Care	Undergraduate
8.	B. Sc. Clinical Psychology	Undergraduate
9.	B.Sc. Endoscopy & Lap.	Undergraduate
10.	B.Sc. Geriatric Care	Undergraduate
11.	B.Sc. Neuro Electro Physiology	Undergraduate
12.	B.Sc. Anaesthesia Technology	Undergraduate
13.	B.Sc. Cardiac Technology	Undergraduate

14.	B.Sc. Cardiovascular Technology	Undergraduate
15.	B.Sc. Dialysis Therapy Technology	Undergraduate
16.	B.Sc. Intensive Care Technology	Undergraduate
17.	B.Sc. Medical Laboratory Technology	Undergraduate
18.	B. Sc. Medical Radiology & Imaging Technology	Undergraduate
19.	B.Sc. Operation Theatre Technology	Undergraduate
20.	B.Sc. Orthopaedic Technology	Undergraduate
21.	B. Optometry	Undergraduate
22.	M.Sc. Clinical Embryology	Post graduate
23.	M.Sc. Medical Laboratory Technology	Post graduate
24.	M.Sc. Clinical Research	Post graduate
25.	Master of Hospital Administration (MHA)	Post graduate
26.	Master of Public Health (MPH)	Post graduate
27.	M.Sc. Medical Radiology & Imaging Technology	Post graduate
<b>Faculty of Engineering And Technology, Wardha</b>		
1.	(B.Tech) Artificial Intelligence and Data Science	Undergraduate
2.	(B.Tech) Artificial Intelligence and Machine Learning	Undergraduate
3.	(B.Tech) Computer Science and Design	Undergraduate
4.	(B.Tech) Computer Science & Medical Engineering	Undergraduate
5.	(B.Tech) Agriculture Engineering	Undergraduate
6.	M. Tech. Artificial Intelligence and Data Science	Post graduate
7.	M. Tech. Biomedical Engineering	Post graduate
<b>Faculty of Commerce and Management, Wardha</b>		
1.	Bachelor of Business Administration (BBA)	Undergraduate

2.	Bachelor of Commerce (B.COM)	Undergraduate
3.	Bachelor of Business Administration - Master of Business Administration (BBA-MBA) (Dual Degree)	Dual Degree (UG-PG)
4.	Master of Business Administration (MBA)	Post graduate
<b>Faculty of Science and Technology, Wardha</b>		
1.	B. Sc Information Technology	Undergraduate
2.	B. Sc Data Science & Artificial Intelligence	Undergraduate
3.	Bachelor in Computer Application (BCA)	Undergraduate
4.	Master in Computer Application (MCA)	Post graduate
<b>Faculty of Social Sciences, Humanities and Liberal Arts, Wardha</b>		
1.	Bachelor of Arts (BA)	Undergraduate
<b>Centre for Distance and Online Education, Wardha</b>		
1.	Bachelor of Commerce (B.Com)	Undergraduate
2.	Bachelor of Business Administration (BBA)	Undergraduate
3.	Bachelor in Computer Application (BCA)	Undergraduate
4.	Master of Business Administration (MBA)	Post graduate
5.	Master in Computer Application (MCA)	Post graduate
<b>Datta Meghe Institute of Higher Education and Research, (Deemed to be University)</b>		
1.	Doctor of Science (D.Sc)	Post-Doctoral
<b>Ph.D Program</b>		
1.	Ph.D in Faculty of Medicine	
2.	Ph.D in Faculty of Dentistry	
3.	Ph.D in Faculty of Ayurveda	
4.	Ph.D in Faculty of Nursing	

5.	Ph.D in Faculty of Physiotherapy
6.	Ph.D in Faculty of Pharmaceutical Sciences
7.	Ph.D in Faculty of Interdisciplinary Sciences
8.	Ph.D in Faculty of Allied Health Sciences
9.	Ph.D in Faculty of Commerce and Management Sciences
10.	Ph.D in Faculty of Engineering and Technology
11.	Ph.D in Faculty of Sciences and Technology
12.	Integrated Ph.D.
<b>Fellowship Program</b>	
1.	Fellowship in Faculty of Medicine
2.	Fellowship in Faculty of Dentistry
3.	Fellowship in Faculty of Ayurveda
4.	Fellowship in Faculty of Nursing
5.	Fellowship in Faculty of Physiotherapy
6.	Fellowship in Faculty of Interdisciplinary Health Sciences

### **Value added certificate courses**

1	Certificate course in Animal Experimentation
2	Certificate Course in Reverse Pharmacology
3	Certificate Course in Clinical Panchakarma
4	High Performance Liquid Chromatography (HPLC)
5	In-Vitro Fertilization (IVF)
6	Gynecological Endoscopy
7	ECHO
8	Arthroplasty
9	Arthroscopy
10	Arteriovenous (AV) Fistula
11	Intensive care unit (ICU)
12	Pediatric Intensive care unit (PICU)
13	Gastro Upper Echo
14	Phacoemulsification



15	Small Incision Cataract Surgery (SICS)
16	Medical Retina
17	Neo-Natal (Echo-Cardio)
18	Neo-Natal (Neuro-Sono)
19	Correspondence fellowship Muskuposkelatal USG and MSK intervention
20	Correspondence Fellowship (Pain Management)
21	Correspondence Fellowship (Laser Ablation)
22	Certificate course in USG and CT guided intervention
23	Certificate course Endovenous Laser Ablation
24	Certificate Course in Introduction to Ayurveda
25	Certificate Course in Garbha Sanskar
26	Certificate Course in Ayurvedic Nutrition
27	Certificate Course in Yoga and Naturopathy
28	Certificate Course in Panchkarma Therapist
29	Basic course in Health Professions Education Technology
30	Curriculum Implementation Support Program (CISP)
31	Revise Basic Course workshop
32	Advance Course in Medical Education
33	Get Set Go
34	Advance Get Set Go
35	Comm Skills Level-I
36	Comm Skills Level-II
37	Comm Skills Level-III
38	Computer Skills Level-I
39	Computer Skills Level-II
40	Computer Skills Level-III
41	Presenter In Me
42	Functional English
43	BLS/ ACLS Provider Course for Medical Graduate Students
44	BLS/ ACLS Provider Course for Dental Graduates Students
45	BLS/ ACLS Provider Course for Ayurveda Graduates
46	BLS/ ACLS Provider Course for Physiotherapy Graduates
47	BLS/ ACLS Provider Course for Nursing Graduates
48	BLS / ACLS Instructor Course for Medical Graduate Students
49	PALS Provider Course for Medical Graduate Students
50	Anatmage/ VR Based Learning & Atlas for Medical Graduates
51	Anatmage/ VR Based Learning & Atlas for Dental Graduates
52	Anatmage/ VR Based Learning & Atlas for Ayurveda Graduates
53	Anatmage/ VR Based Learning & Atlas for Physiotherapy Graduates
54	Anatmage/ VR Based Learning & Atlas for Nursing Graduates

55	Anatontage/ VR Based Learning & Atlas for Allied Health Sciences Graduates
56	Anatontage/ VR Based Learning & Atlas for Post Graduates
57	Anatontage/ VR Based Learning & Atlas for Post Graduates
58	Anatontage/ VR Based Learning & Atlas for Post Graduates
59	Anatontage/ VR Based Learning & Atlas for Post Graduates
60	Physical Examination for Medical Graduates
61	Physical Examination for Dental Graduates
62	Physical Examination for Ayurveda Graduates
63	Physical Examination for Physiotherapy Graduates
64	Physical Examination for Nursing Graduates
65	Specific Task for Medical Graduates
66	Specific Task for Dental Graduates
67	Specific Task for Ayurveda Graduates
68	Specific Task for Physiotherapy Graduates
69	Specific Task for Nursing Graduates
70	Specific Task for Allied Health Sciences Graduates
71	Respiratory Care for Medical Graduates
72	Respiratory Care for Dental Graduates
73	Respiratory Care for Ayurveda Graduates
74	Respiratory Care for Physiotherapy Graduates
75	Respiratory Care for Nursing Graduates
76	Respiratory Care for Allied Health Sciences Graduates
77	Virtual Labour for Medical Graduates
78	Virtual Labour for Ayurveda Graduates
79	Virtual Labour for Physiotherapy Graduates
80	Virtual Labour for Nursing Graduates
81	Suturing for Medical Graduates
82	Suturing for Dental Graduates
83	Suturing for Ayurveda Graduates
84	Trauma Care for Medical Graduates
85	Trauma Care for Physiotherapy Graduates
86	Trauma Care for Nursing Graduates
87	SIMMOM for Medical Graduates
88	SIMMOM for Ayurveda Graduates
89	SIMMOM for Physiotherapy Graduates
90	SIMMOM for Nursing Graduates
91	SIMMOM for Post Graduates
92	US Mentor for Medical Graduates
93	US Mentor for Post Graduates
94	LAP Mentor for Medical Graduates
95	LAP Mentor for Post Graduates

96	HPS for Post Graduates
97	Drug Development and Product management
98	Design & implementation of Digital Health interventions
99	A Life of Happiness and Fulfillment
100	Implant Dentistry
101	Positive Psychiatry and Mental Health
102	The Science of Well-Being
103	Herbal Medicine
104	Introduction to Forensic Science
105	Successful Negotiation : Essential strategies and skills
106	Understanding Medical Research: Your facebook friend is wrong
107	Anatomy: Human Neuroanatomy
108	PrEPing :PrEP for Providers and Patients
109	Fundamentals of Immunology: Innate Immunity and B-Cell Function,Fundamentals of Immunology
110	Positive Psychology: Martin E. P. Seligmanâ€™s Visionary Science
111	Oral cavity portal to health and disease
112	Learning How to Learn: Powerful mental tools to help you master tough subjects
113	Introduction to Psychology
114	Learning How to Learn: Powerful mental tools to help you master tough subjects
115	Employes right and responsibility
116	Vulnerable patient
117	Hospital Documentation
118	Hand Washing
119	House keeping
120	Fire Safety
121	Bio medical waste
122	Infection control Practices
123	Certificate course in Neonatal Nursing (NEW)
124	Finishing course
125	Employability skills
126	Systematic review for PhD Scholars
127	7 Habits of highly effective people
128	Design thinking and innovation
130	AIML-I
131	AIML-II
132	NABH- Access Assessment and Continuity of Care (AAC)
133	NABH- Care of Patients (COP)
134	NABH- Management of Medication ( MOM)
135	NABH- Patient Rights and Education ( PRE)

136	NABH- Hospital Infection Prevention and Control (HIC)
137	NABH- Patient Safety and Quality Improvement (PSQ)
138	NABH- Responsibilities of Management (ROM)
139	NABH- Facility Management And Safety (FMS)
140	NABH- Human Resource Management (HRM)
141	NABH- Information Management System (IMS)
142	Machine Learning Applications for Medical and Non-Medical Schemes
143	MATLAB Applications in Education
144	Biomedical Signal Processing Applications
145	Soft Skills for Professionals
146	IoT Application in Health Care
147	Medical Imaging
148	Nanotechnology for Healthcare System
149	Python Programming
150	Cyber Forensics and Information Security
151	Biomedical Signal Processing

## TEACHING HOSPITALS & HEALTH CARE SERVICES

The teaching hospitals attached to the constituent colleges are core areas for imparting hands on clinical training to the learners to shape and sharpen their clinical skills. The services offered to the patients need to be of top quality and the State of the Art facilities are created at these hospitals to ensure integration of Service & Training component. The hospitals under the university are managed through an efficient monitoring system, feed backs and audits to ensure optimization of the quality. The Hospital steering committee not only ensures the proper functioning of the hospitals but also ensures the optimum utilization of hospital resources for training to the learners. University has 4 major hospital as **Acharya Vinoba Bhave Rural Hospital (AVBRH)** under the roof of AVBRH we have two centres **Shalinitai Meghe Superspecialty Centre (SMSC)** & **Siddharth Gupta Memorial Cancer Hospital (SGMCH)**, **Shalinitai Meghe Hospital & Research Centre (SMHRC)**, **Nagpur**, **Sharad Pawar Dental College & Hospital (SPDC&H)** & **Mahatma Gandhi Ayurvedic college & Hospital (MGAC & H)**, Total 2571 bedded fully equipped hospitals with state of the art facilities. The AVBRH happens to be one of the largest teaching hospitals in the central area providing promotive, preventive, therapeutic health care facilities not only to the people of the vidarbha but also the population from adjoining state.

The hospitals are working on the Philosophy of “*Affordable health care for all*” and “*Health care at doorstep*”. In the pursuit of the same all the hospital services, including the high end super speciality services are offered at highly subsidized and affordable cost. Many health care, patient welfare schemes are launched to help the economically weaker sections of society.

There is a rich network of outreach and extension activities to reach the needy and facilitate them ailment of the hospital services, to name a few important initiatives. Village adoption scheme under Unnat Bharat Yojana of GOI, Comprehensive community health team, adoption of one family by each learner, General camps, treatment camps, super speciality camps, satellite clinics, Telemedicine, free ambulance service, daily To & Fro free bus service covering more than 150 villages on 18 different routes within 100 km.

### Accreditations:

1. NABH accreditation for SPDC & H and MGAC hospital
2. Pre assessment for NABH accreditation for AVBRH
3. NABL accreditation for RT PCR lab
4. NABL accreditation for Central Clinical Laboratory

### **1. AVBRH & Shalinitai Meghe Super speciality Centre, Sawangi (Meghe), Wardha**

#### Scope of services:

The services offered by the hospitals range from primary care to the super speciality services. Some of the key areas are as under:

1. AVBRH & Shalinitai Meghe Super speciality Centre, Sawangi (Meghe), Wardha

No of beds- 1525

All Services:

**Broad Specialty Services**

1. Medicine
  - a. Endocrinology & Diabetes
  - b. Endoscopy
  - c. Nephrology
  - d. Hematology
  - e. Neurology
  - f. Cardiology
  - g. Palliative Care
2. Obs/ Gyenec
  - a. Endoscopy Clinic
  - b. Adolescent Clinic
  - c. Infertility Clinic
  - d. Cancer Detection Clinic
  - e. Endocrine Clinic
  - f. Menopause Clinic
3. Surgery
  - a. Breast
  - b. Pediatric Surgery
  - c. Thoracic Clinic
  - d. Plastic & Cosmetic Surgery
  - e. Onco surgery
  - f. Coloproctology
4. Orthopedics
  - a. Spine, Sport Injury & Arthroscopy
  - b. Hand & Arthroplasty
  - c. CTEV & Deformity
  - d. Fracture Clinic
  - e. PRP Clinic
5. Psychiatry
  - a. Geriatric Clinics
  - b. Child & Adolescent Psychiatric Clinic
  - c. De-addiction Clinic
6. Paediatrics
  - a. Adolescent
  - b. Malnutrition
  - c. Asthma
  - d. Immunization

- e. Child Guidance
- f. High Risk
- g. Haematology (Sickle Cell Clinic)
- h. Paediatric Gastroenterology (Diarrhoea)
- i. Paediatric Neurology (with child Rehabilitation)
- j. Nephrology
- k. Cardiology

**7. Ophthalmology**

- a. Glaucoma Clinic
- b. Retina Clinic
- c. Squint Clinic
- d. Occuloplasty
- e. Neuro Ophthalmology

**8. Respiratory Medicine**

- a. Asthma
- b. Pulmonary Rehabilitation
- c. C OPD

**9. Dermatology**

- a. Vitiligo Clinic
- b. Psoriasis clinic
- c. Autoimmune diseases clinic
- d. Vesiculobullous diseases clinic
- e. Pigmentary disease clinic
- f. Hansen's Disease clinic
- g. STD clinic

**10. ENT**

- a. Tumors
- b. Vertigo Oto-Neurology
- c. Rhinology & Allergy

**11. Neonatology**

- a. High Risk Clinic
- b. ROP Clinic
- c. Neuro Developmental Clinic
- d. Fetal & Neonatal Surgery Clinic
- e. Well baby clinic

**Physiotherapy Services**

- Musculoskeletal physiotherapy
- Neuro-physiotherapy
- Community Health Physiotherapy
- Cardio respiratory Physiotherapy
- Sports Physiotherapy

#### Specialized Services

- Stroke rehabilitation clinic
- Paediatrics physiotherapy
- Gait rehabilitation
- Spinal rehabilitation
- Diabetic foot care
- OA knee care
- Back pain care
- Respiratory care
- Post cardiac surgery rehabilitation
- TKR & THR rehabilitation
- Post COVID rehabilitation
- Orthotic services

**Neuro-rehabilitation unit** as an integral part of centre of neurosciences (Centre of excellence) is rendering services to the most needy patients who require transition care with state of the art facilities.

Patients with Stroke, Traumatic brain injuries, spinal cord injuries and many other neurological conditions are getting benefitted in this unit.

#### **Super Speciality services**

1. Neurosurgery
2. Urology
3. Nephrology
4. Critical care medicine
5. Neonatology
6. Paediatric surgery
7. Onco Surgery
8. Oncology
9. Interventional radiology
10. Plastic & maxillofacial surgery
11. Cardiology
12. Cardiothoracic surgery
13. Cardiac Anaesthesia
14. Emergency medicine
15. Medical & Surgical Gastroenterology



16. Organ Transplantation
17. Retina care

### **Key facilities Available**

1. Cath labs- Two
2. 1.5 Tesla MRI
3. 64 slice CT scan
4. Central clinical lab with dry chemistry technology
5. Clinical electrophysiology lab
6. Sleep lab
7. Deaddiction centre
8. 150 bedded ICUs ( MICU, SICU, PICU, NICU)
9. Day care centre
10. Human Milk Bank
11. Subspecialty clinics
12. Stroke rehabilitation centre
13. CSSD
14. Blood & component Centre

### **Siddharth Gupta Memorial Cancer Hospital (SGMCH)**

Siddhartha Gupta Memorial Cancer Hospital is 120 bedded comprehensive cancer hospital affiliated to Acharya Vinoba Bhave Rural Hospital, Sawangi Meghe, Wardha. It offers expertise and infrastructure for evidence based treatment of all types of cancer. Radiation oncology is a well-knit team of expert Radiation oncologist, medical physicist and technologists to provide highly conformal radiotherapy. Surgical oncology specialty has state-of-the-art operation theatres supported by surgical ICUs managed by expert surgical oncologists and intensivists. Medical oncology services provide administration of chemotherapy, biologic therapy and supportive care for regimens of all levels of complexity under supervision of renowned medical oncologists. We aim to provide wide range of support services to meet emotional and physical needs of patients and their families during and after treatment such as, diet and psychological counselling, pain management and physiotherapy.

### **Surgical oncology:**

The surgical oncology department at “Siddharth Gupta Memorial Cancer Hospital” is a comprehensive oncology centre aiming to offer state of art surgical services with our highly qualified surgeons trained in various specialties and well equipped surgical intensive care unit.

### **Services**

Head and neck oncology and reconstructive surgery  
Breast cancer surgery  
Thoracic oncology  
Hepato-pancreaticobiliary oncology  
Gynaecologic oncology

Orthopaedic oncology

Urologic oncology

**Medical oncology:**

The medical oncology department at “Siddharth Gupta Memorial Cancer Hospital” offers a comprehensive evidence based care with help of our renowned medical oncologists, empathetic nurses and paramedical staff dedicated towards compassionate service to restore quality of life.

**Services**

Chemotherapy for solid tumours

Chemotherapy for haematological malignancies

Personalized targeted therapy for various cancers

TACE - Trans-arterial Chemo- embolization

Intra-arterial Chemotherapy

**Radiation Oncology**

The Radiation Oncology Department at “Siddharth Gupta Memorial Cancer Hospital” aspires to provide most advanced and precise cancer care with a multidisciplinary evidence guided approach. Using cutting-edge technology and clinical expertise, we utilize ionizing radiation to destroy cancer cells and shrink tumours. Our advanced Varian Vital Beam linear accelerator can provide highly conformal radiotherapy that targets precisely the tumour and spares surrounding healthy tissue. Our team includes Radiation oncologists who offer clinical care, design treatment outline and monitor patients during radiotherapy; Medical physicists who are responsible for radiotherapy commissioning, develop complex and precise clinical plans for treatment and ensure radiation safety for patients and staff; Radiation technologists who operate machines and deliver radiotherapy.

**Equipment**

1. Varian Vital Beam linear accelerator with Eclipse treatment planning system
  - Configuration of three photon and six electron energies
  - Maestro control system orchestrates dose, motion and imaging to deliver fast and efficient treatment
  - Built in accuracy checks performed every 10 ms during treatment
  - Integrated workflow with Eclipse and ARIA information system
  - Eclipse capable of wide range of planning options including Rapid Arc planning
  - Knowledge based Rapid Plan and Smart Segmentation
2. Varian Gamma Medplus iX brachytherapy after loader machine with High dose rate Iridium-192 source and Brachy Vision treatment planning system
  - Increased safety using fixed length treatment distance
  - Wide range of treatment accessories suitable for CT/MR imaging
3. ARIA Oncology Information System

## Services

1. Rapid Arc / Volumetric Modulated Arc Therapy (VMAT)
2. Intensity Modulated Radiation Therapy (IMRT)
3. Image Guided Radiation Therapy (IGRT)
4. Stereotactic Radiosurgery (SRS) and Stereotactic Radiotherapy (SRT)
5. Stereotactic Body Radiation Therapy (SBRT)
6. 3D Conformal Therapy (3DCRT)
7. Short course palliative radiotherapy
8. HDR Brachytherapy for intra-cavitary and interstitial applications

## Interventional radiology Services:

- Image guided Biopsy
- Trans-jugular renal /Liver Biopsy
- Stereotactic breast biopsies / needle localisations/ fiducial marking.
- Image Guided nerve block
- Image guided (RFA/ Microwave ablation in liver ,Lung , renal & bone lesions)
- Image guided (RFA/ Microwave ablation in Benign tumor -thyroid /breast/bone lesions)
- Biliary Drainage Procedures - External Drainage And Stent Placement - Single Metallic Stent PCN
- Percutaneous DJ stent
- Gastrointestinal Visceral Arterial Embolization In Upper And Lower Gastrointestinal Bleeding With Microcatheter
- Preoperative prophylactic Tumor embolisation for GI, renal, bronchial, uterine, tumor vessels .
- Chemoembolization For Liver Tumors Using Drug and PVA Or DC Beads (conventional TAE & TACE)
- TARE- Work up & Y90 Drug delivery
- Tunnelled ascitic /pleural catheter
- PICC Line
- Chemo port placement
- Hickman Catheter Placement 5 25
- HVPG Measurement
- Percut Gastrostomy
- Lymphangiography
- Lymphatic embolisation
- Preoperative Portal Vein Embolization For Liver Tumors
- Embolization Of Postoperative And Post Traumatic Bleeding

## 2. Shalinitai Meghe Hospital & Research Center, Nagpur

No of beds- 450

All Services:

## **Broad Speciality Services**

1. Medicine
  - a. Endocrinology & Diabetes
  - b. Interventional Endoscopy
  - c. Nephrology
  - d. Hematology and Oncology
  - e. Neurology
  - f. Cardiology
  - g. Pulmonology
  
2. Obs / Gyenec
  - a. Adolescent Clinic
  - b. Infertility Clinic
  - c. Cancer Detection Clinic
  - d. Endocrine Clinic
  - e. Menopause Clinic
  
3. Surgery
  - a. Breast
  - b. Paediatric Surgery
  - c. Thoracic Clinic
  - d. Plastic & Cosmetic Surgery
  - e. Oncosurgery
  - f. Coloproctology
  - g. Endoscopy.
  - h. Colonoscopy
  - i. Urology
  - j. Thyroid Excision
  
4. Orthopedics
  - a. Spine,
  - b. Sport Injury & Arthroscopy
  - c. Fracture Clinic
  - d. Sport Clinic
  
5. Psychiatry
  - a. Geriatric Clinics
  - b. Child & Adolescent Psychiatric Clinic
  - c. De-addiction Clinic
  - d. General Psychiatry: Psychitry,Neurosis and Counselling
  
6. Paediatrics
  - a. Adolescent
  - b. Malnutrition

- c. Asthma
- d. Immunization
- e. Child Guidance
- f. High Risk
- g. Haematology (Sickle Cell Clinic)
- h. Paediatric Gastroenterology (Diarrhoea)
- i. Paediatric Neurology (with child Rehabilitation)
- j. Nephrology
- k. Cardiology

7. Ophthalmology

- a. Glaucoma Clinic
- b. Retina Clinic
- c. Squint Clinic
- d. Cornea Clinic
- e. Neuro Ophthalmology

8. Respiratory Medicine

- a. Asthma
- b. Pulmonary Rehabilitation
- c. COPD
- d. Tuberculosis clinic
- e. Lung cancer

9. Dermatology

- a. Vitiligo Clinic
- b. Psoriasis clinic
- c. Autoimmune diseases clinic
- d. Vesiculobullous diseases clinic
- e. Pigmentary disease clinic
- f. Hansen's Disease clinic
- g. STD clinic

10. ENT

- a. Tumors
- b. Vertigo Oto-Neurology
- c. Rhinology & Allergy

11. Neonatology

- a. High Risk Clinic
- b. ROP Clinic
- c. Neuro Developmental Clinic
- d. Fetal & Neonatal Surgery Clinic
- e. Well baby clinic

Super Speciality services

- 1. Neurosurgery

2. Urology
3. Nephrology
4. Critical care medicine
5. Neonatology
6. Pediatric surgery
7. Onco Surgery
8. Oncology
9. Interventional radiology
10. Plastic Surgery
11. Oral & maxillofacial surgery
12. Cardiology
13. Cardiothoracic surgery
14. Cardiac Anaesthesia
15. Emergency medicine
16. Medical & Surgical Gastroenterology
17. Organ Transplantation
18. Retina care

#### Key facilities Available

1. Cath labs- Two
2. 50 slice CT scan
3. Central clinical lab
4. Clinical electrophysiology lab
5. Deaddiction centre
6. 65 bedded ICUs ( MICU, SICU, PICU, NICU)
7. Day care center
8. Human Milk Bank
9. Subspecialty clinics
10. Stroke rehabilitation center
11. CSSD
12. Blood & component Centre

#### **Interventional radiology Services:**

- Image guided Biopsy
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- PICC Line
- Chemo port placement
- Hickman Catheter Placement 5 25
- HVPG Measurement
- Percutaneous Gastrostomy
- Lymphangiography
- Lymphatic embolisation
- Preoperative Portal Vein Embolization For Liver Tumors
- Embolization Of Postoperative And Post Traumatic Bleeding

### **3. Sharad Pawar Dental College & Hospital**

1. Accreditations : NABH ACCREDITED
2. 364 Dental Chairs
3. Facilities

#### ❖ Broad specialty

##### ➤ Clinical Services

- ❖ Conservative Dentistry & Endodontic
- ❖ Oral and Maxillofacial Surgery
- ❖ Prosthodontics
- ❖ Oral Medicine and Radiology
- ❖ Oral Pathology
- ❖ Orthodontics & Dentofacial Orthopedics
- ❖ Pedodontics and Preventive Dentistry
- ❖ Periodontology
- ❖ Public Health Dentistry

##### ➤ Super specialty

- ❖ Implant clinic
- ❖ CBCT
- ❖ CAD CAM

##### ➤ Key facilities

- ❖ Comprehensive oral care Advanced oral diagnostics Advanced dental treatments Esthetic dentistry Preventive dental care
- ❖ Oral cancer treatment and rehabilitation Tobacco and betel nut cessation centre

#### **4. Mahatma Gandhi Ayurved College Hospital and Research Centre**

1. Accreditations:- NABH accredited Hospital
2. Bed strength:- 246
3. Facilities

- Broad specialty
- Super specialty
- Key facilities

#### **BROAD CLINICAL SERVICES:**

Kaychikitsa	Shalya	Striroga & Prasuti Tantra
Panchakarma	Shalakya	Kaumarbhritya
Casualty	Swastharakshan	

#### **HOSPITAL SUPERSPECIALTY:**

Musculoskeletal Disorders	LASER Surgery for piles ,Cosmetology and Auroplasty
Neuro Muscular Disorders	Wound care
Skin Disease	Leech therapy in various pain
Infertility	Spinal Disorder
Impotency	Migraine
Painless Ksharsutra	Computer vision syndrome
	Chronic rhinitis

#### **KEY FACILITY:**

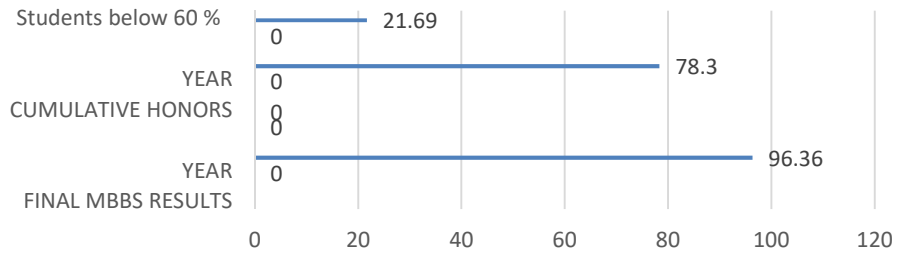
X-ray	Operational theatres
ECG	CSSD (central sterilization & supply departments)
EEG	Pharmacy
Laboratory services	Hospital store
Haematology Laboratory	Dietary services
Blood biochemistry laboratory	Yoga
Panchakarma	



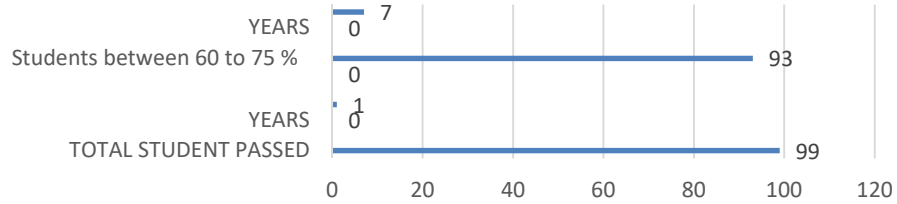
## UNIVERSITY RESULTS

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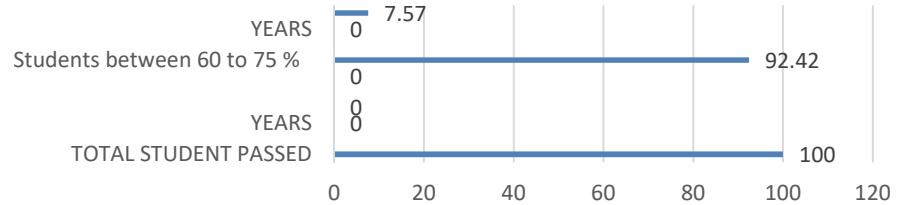
### FINAL MBBS RESULTS-2021-2022



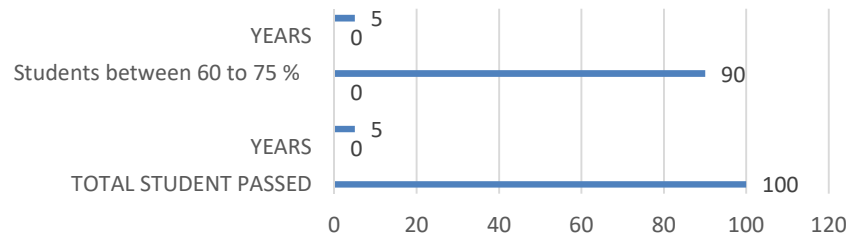
### FINAL BDS RESULTS 2021-2022



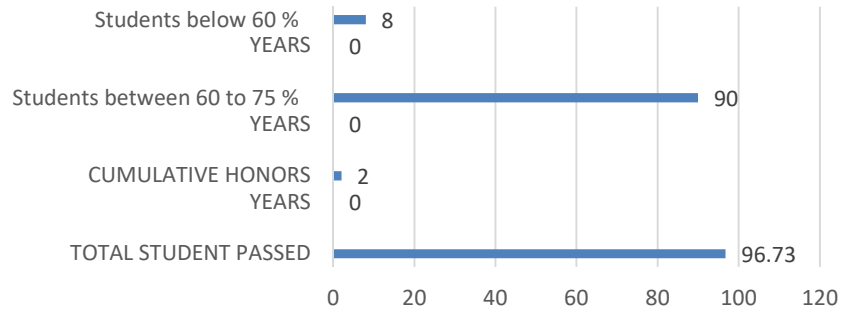
### FINAL BAMS RESULTS 2021-2022



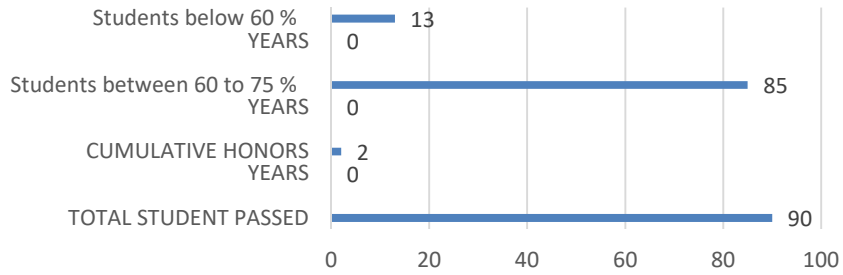
### Final BPTTh 2021-2022



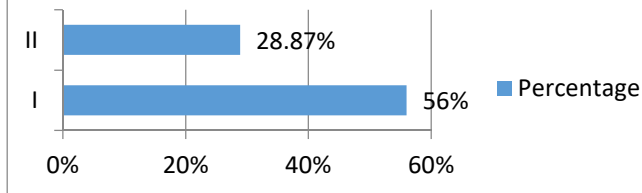
### FINAL BSc NURSING (BASIC)2021-2022



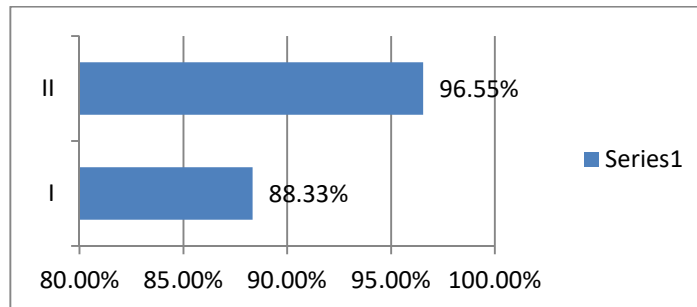
### FINAL BSc Nursing POST BASIC 2021-2022



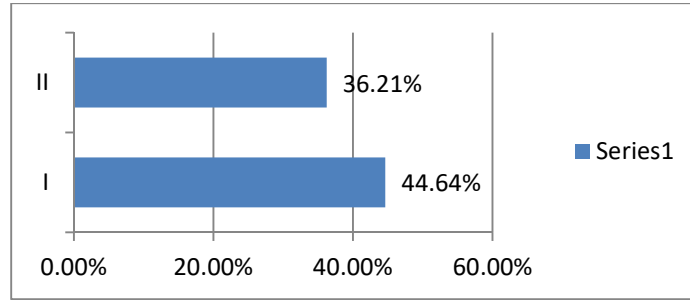
### B.Pharm Session 2021-22



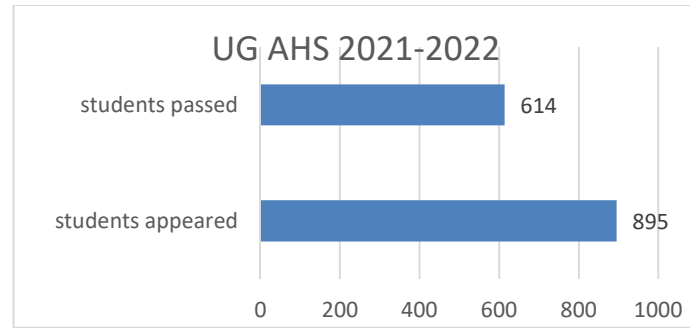
### D Pharm 2021



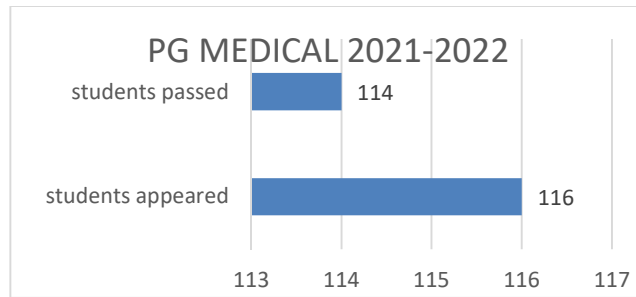
### D Pharm 2022



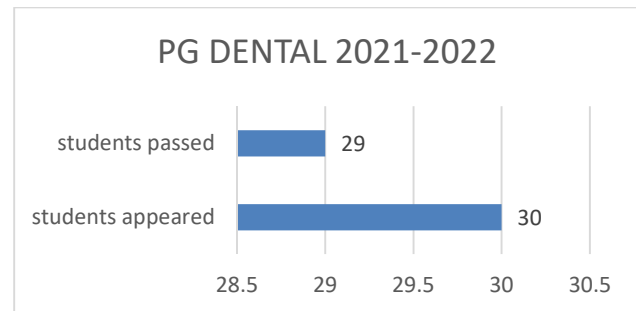
### UG AHS 2021-2022



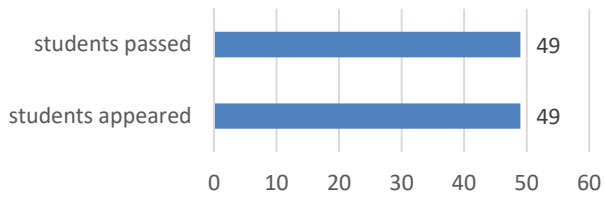
### PG MEDICAL 2021-2022



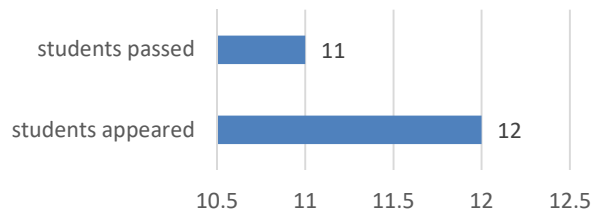
### PG DENTAL 2021-2022



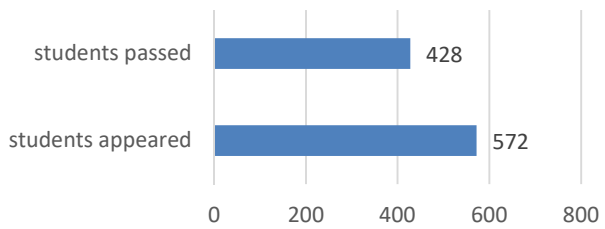
### PG AYURVEDA 2021-2022



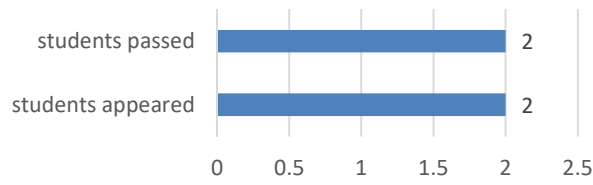
### PG Physiotherapy 2021-2022



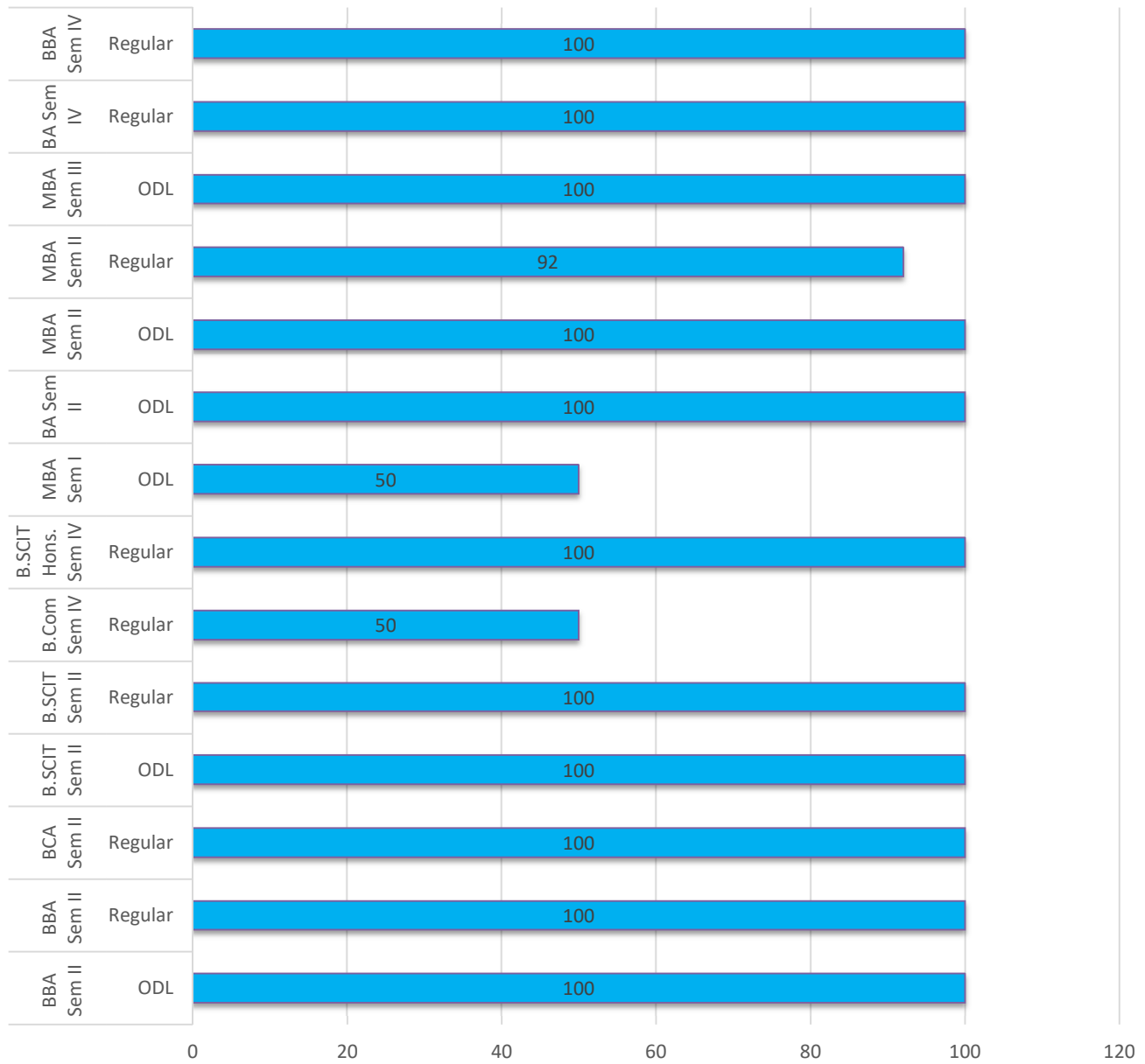
### PG AHS 2021-2022



### PG Engineering 2021-2022



## School of Allied Sciences & Centre for Distance & Online Education, Examination Result Summer 2021



## Autonomous Cell

To decentralize the functioning, the university has created different autonomous cells under its ambit. Currently there are 13 autonomous cells and are headed by a convenor with co convenors from each constituent unit. The review of the functioning of the autonomous cells is taken in the quarterly college council meetings.

### 1. **PhD Cell**

The Doctoral Programme was established at the University in 2008 with the goal of assisting faculty members in obtaining the highest educational qualifications. Although a doctorate degree is not required by the governing authorities for most health sciences courses, it is nevertheless a sought-after qualification for advancing to higher academic levels.

DMIMS (DU) conferred the first Doctorate degree in 2012 during the University's Third Convocation. The number of registered Scholars in the doctorate programme has grown over time.

The doctoral program was initially started in the faculties of Medical sciences and faculty of Dental sciences. At present Datta Meghe Institute of Medical sciences deemed to be University Nagpur offers the doctoral degree course and all the faculties namely Medical Sciences, Dental Sciences, Ayurvedic Sciences, Nursing Sciences, Physiotherapy, Pharmaceutical Sciences, Interdisciplinary Sciences, Allied Health Sciences, Commerce and Management, Science and Technology and Engineering and Technology. There are plans of expansion of doctoral programs to Trans-disciplinary & Multidisciplinary areas and other topics of global importance.

For critical supervision of the programme, the University established an autonomous cell, which is in charge of monitoring the scholar's development from the time he or she enrolls until the degree is conferred. For strengthening the proposed doctoral research work in a time bound manner and usage of a digital platform for examination.

In academic year 2021-22 the following initiatives has been taken by PhD cell-

1-During COVID-19 pandemic, Ph.D. Cell has taken initiative of conduction of online Proctored AIPHCET in the month of April at all India level

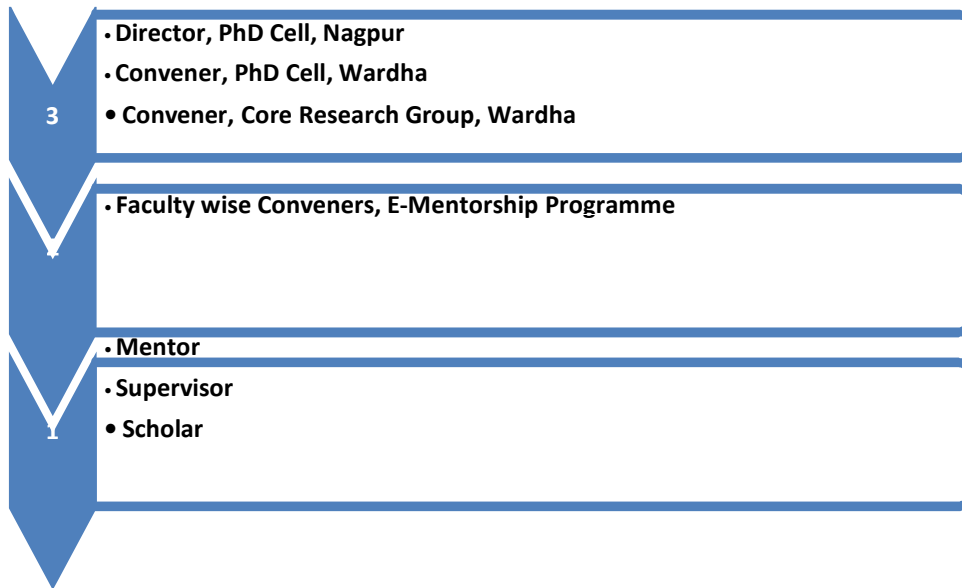
2. Implementation of the e-mentorship programs for quality generation of the research proposal in a time bound manner

3. Implementation of credit based assessment for PhD program to incorporate objectivity in the assessment

4. Creation of theme based curriculum for PhD entrance AIPHCET.

5. Creation of Electronic question bank with the inclusion of higher cognition level which includes from level one to Level four.

### Tiers of the E-Mentorship Program



**Total registered candidates**

#### **Total registered candidates**

- July 2021 - 129
- January 2022 - 284

**Total awarded Doctoral degree Till June 2022: 139**

## 2. RESEARCH CELL

### Research & Development, Directorate of Research

**How to win BIG: for Biotech startups**

**BIG ONLINE WEBINAR**

**Dr. Chhaya Chauhan**  
Manager Incubation, BIRAC

**Aditi Kumar**  
AVP, BioPrograms, SIIC-FIRST IIT Kanpur

Welcome Address by  
**Dr Punit Fulzele**  
Project Manager NewGen IEDC, Secretary (R&D), DMIMS, Wardha

Registration Link: <http://bit.ly/2N6iFR0>

3:00 - 4:00 PM | 17th February

[www.siiincubator.com](http://www.siiincubator.com)

**NewGen IEDC**  
Datta Meghe Institute of Medical Sciences (Deemed to be University)

**Request for Proposal**

Up to INR 2.5 Lakhs Start-Up Grant

OPPORTUNITY FOR DEVELOPMENT OF NOVEL IDEAS / PROTOTYPES / INNOVATIONS

Sponsored by DMIMS-IBBT

Apply on or before 28<sup>th</sup> February 2022

**Eligible Entities**  
Individual Innovators, Entrepreneurs, Students, Research Scholars, Faculty, Scientist from industry or academia.

**What we offer**

- Financial support up to 2.5 lakhs INR for development of Novel Ideas/Prototypes / Innovations with high transitory components.
- Preference - Science and Technology driven ideas having multiplier impact.
- Selected projects will be executed at DMIMS(DU) NewGen IEDC.
- Thematic Area- Tissue Engineering, Regenerative Medicine, MedTech Innovation, Biomaterial, 3D Bioprinting, Lab-on-Chip, Organoid, Drug Delivery.
- Proposals other than above mention areas are also eligible to apply.

Apply online: [www.newgeniedc-dmims.in/proposal/](http://www.newgeniedc-dmims.in/proposal/)  
Contact Us : NewGen IEDC, Research House, Datta Meghe Institute of Medical Sciences, Sawangi(Meghe), Wardha, Maharashtra, India 442107  
contact@newgeniedc-dmims.in

**11 JUNE 2021**

**IMPACT LECTURE SERIES**

**DR PRAKASH MUGALI**  
FOUNDER- CHAIRMAN, MD, ENERZI MICROWAVE SYSTEM PVT. LTD.

**MR ABHJEET BHACAT**  
FOUNDER- CEO, ATMEN TECHNOVENTION PVT. LTD.

Topic: Innovations, IP Rights and Work Life Balance

Topic: Journey from Researcher to Entrepreneur

Time: 10.00AM - 11.30AM | 02.00PM - 03.00PM

REGISTRATION LINK: <https://forms.gle/WRUZiYMGa3NxDK8>

DATTA MEGHE INSTITUTE OF MEDICAL SCIENCES (DEEMED TO BE UNIVERSITY) SAWANGI(MEGHE), WARDHA

Impact Lecture Series : Part II

**25<sup>th</sup> June 2021**  
Time: 10.00 to 11.30 AM

**Dr. Gopinath Packirisamy**  
Head, Center of Nanotechnology  
Professor, Department of Bioscience and Bio-Engineering  
IIT Roorkee

Topic : " Biomedical Application of nano fibers "

Registration Link  
<https://forms.gle/36V99c6erwvSMXVo9> or <https://bit.ly/3gVQ5Kh>

\*E certificate will be issued to the participant post lecture

Datta Meghe Institute of Medical Sciences (Deemed to be University) Sawangi (Meghe), Wardha.

**DR. PRAKASH MUGALI**  
Founder, Chairman, MD  
Enerzi Microwave Systems Pvt. Ltd.

**IMPACT LECTURE SERIES**

TOPIC  
**INNOVATION IS THE NEW DNA OF ENTREPRENEURSHIP**

DATE : 11 JUNE 2021  
TIME: 10.00 AM - 11.30 AM

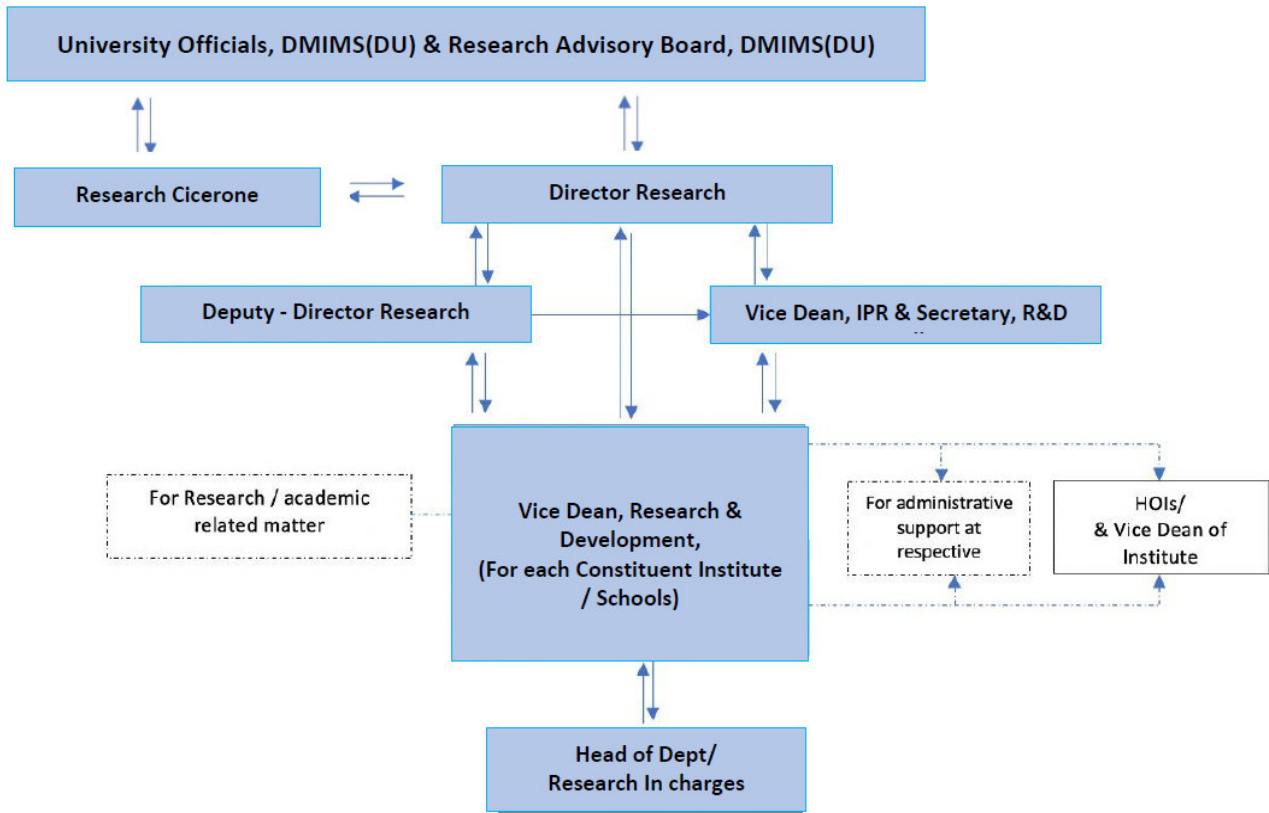
REGISTRATION LINK:  
[HTTPS://FORMS.GLE/WRUZiYMGa3NxDK8](https://forms.gle/WRUZiYMGa3NxDK8)

DATTA MEGHE INSTITUTE OF MEDICAL SCIENCES (DEEMED TO BE UNIVERSITY) SAWANGI(MEGHE), WARDHA





The University Research & Development has made a significant impact and developed a creative, supportive and conducive environment for research amongst the students and faculties of all constituent colleges. Established unified advanced research cell having all major facilities under one roof. Budget allocation and seed-grants has been increased for students, doctoral and postdoctoral fellows and research awards leading to increase in quality and in number of research projects and publications in peer reviewed journals. There has been a significant increase in ICMR - Short Term Studentship, ICMR PG thesis support. R & D to promote good publication practice and research, subscribed Turnitin software for enforcement on similarity check. Bio-ethics practices was enhanced through establishment of UNESCO ethics unit and that has enhanced research aptitude in the faculties. Collaboration with IIT, Mumbai, IIT Kharagpur, IISc Bangalore & VNIT, Nagpur in the field of bioengineering and medical device innovation. This has led to establishment of center like NEWGEN INNOVATION & ENTREPRENEURSHIP DEVELOPMENT CENTER (New GenIEDC) Under the aegis of: National Science & Technology Entrepreneurship Development Board (NSTEDB) DST, Govt. of India, BETiC Innovation Cell, Institutional innovation council recognized by Innovation cell, MHRD to promote innovations in medical technology and health care. Molecular Biology and Epidemiology Laboratory is providing state of the art facilities for molecular research. Incorporation of global health perspective with social innovation support by SILICE project & Enprenindia project (Erasmus+, EU) by consortium of 14 higher education institutions across 5 countries and partnering with academia, industries and NGOs. Consultancy and collaboration had a significant impact and led to many interdisciplinary, multidisciplinary and translational researches. Consortium with national and international bodies for global health like South Asia Infant Feeding Research Network (SAIFRN), Global Consortium for Public Health and Research (GCPHR) have been formed which has led to joint publications, joint conference/workshops, increase in student and faculty exchange programs, joint grant submissions, and knowledge exchanges. Incentives, , training on research methodology and advanced statistics has led to increase in high quality peer-reviewed publication with more than 2506 publications in last year in International reputed data-bases (Scopus, PubMed, Web-of Sciences). The significant achievement of publications per year in International database is at par with the best institutes and universities in the country. Increase in copyright and patent filing and publication with 166 patent applications have been filed out of which 139 have been published. 74 Patent has been granted. 727 copyrights have been registered. Special focus on enhancing facilities for grant submission, collaboration has led to enrichment and increase in number of grant submission, including joint grant submissions with reputed universities like Harvard University (USA), University of Sydney (Australia), Sheffield University (UK), Bournemouth University (UK), Liverpool John-Moores University (UK), Public Health Foundation of India (PHFI).



## The Ecosystem

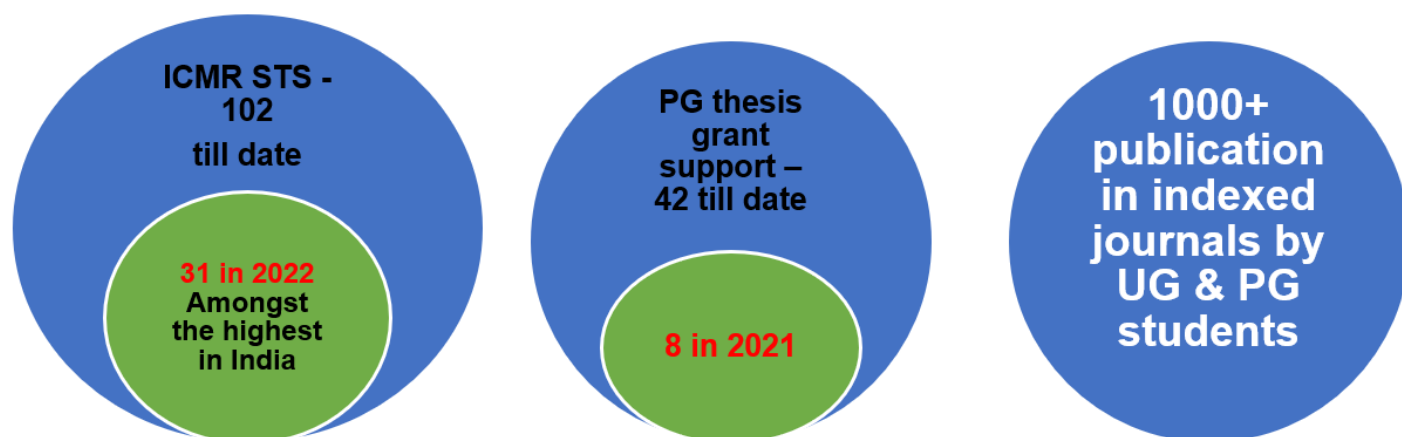
### Research Projects

Projects Selected by ICMR (Short Term Studentship) in 2021-2022 : 31 Total Amount granted: Rs.1550000 INR

Projects Selected by ICMR (PG thesis grant) in 2021-2022: 8 Total Amount granted:Rs.400000 INR

## ICMR Research grants for PG & UG students

### Share of DMIMS in ICMR Grant awards



Amongst the highest number of ICMR STS (102) and PG thesis (42) grant support in the last 5 years

### University Publication –2021

Institute	Publications in indexed journals like Scopus, WoS & PubMed in - 2021
JNMC	819
DMMC	332
SPDC	290
MGAC	204
DMAC	100
RNPC	358
DMPC (BPTH)	34
SRMMCON	288
DMCP/ Allied & others	25
Joint	56
<b>Grand Total</b>	<b>2506</b>

**Publications in journals as per Q ranking:**

Q ranking	2021
Q1	16
Q2	35
Q3	79
Q4/ WoS/ Pubmed	2376

Books/ Chapters / Monograph – 2021

Constituent College	Books /Chapter / Monographs
JNMC	92
SPDC	59
MGAC	7
Allied Sciences	8
SRMMCON	2
<b>Total</b>	<b>168</b>

Extramural Grants Ongoing National& International Funded Projects: 2021-2022

**Funding Agencies**



- Grand Challenges Canada- SB
- PHRI / SERB – DST
- Smile –Train Inc, USA
- AYUSH
- National Sci&Tech entrepreneurship Development- DST
- ICMR
- Porticus
- Institute for Development (I4D), USA
- ERASMUS – EU
- SPARC (Dentistry)
- UNICEF, Maharashtra
- Indo-US Science & Technology Forum, New Delhi



## Consortia & Collaborations:



## New Gen Innovation and Entrepreneurship Development Centre (IEDC) & BETiC Innovation cell

Biomedical Engineering and Technology (incubation) Centre (BETiC) Innovation Cell, DMIMS(DU) was established in 2017. (BETiC) Innovation Cell is formed in collaboration with BETiC VNIT, IIT Mumbai & COE Pune at Central Research house, Datta Meghe Institute of Medical Sciences (Deemed University), Wardha, with an aim to bring together doctors, engineers and designers to learn about medical devices innovation and to also team up and create interesting solutions for unmet clinical needs. The cell is currently undertaking projects related to 3D printing of biomaterials, Customized Surgical Guide and implants.

### Goals:

- Establish integrated facility for medical device innovation
- Develop medical devices in different medical specialties
- Identify, train and support biomedical innovators
- Facilitate clinical trials, IPR & tech transfer to industry
- Evolve sustainability model to continue the activities in future.

NewGen Innovation and Entrepreneurship Development Centre (IEDC) under the aegis of NSTEDB, DST, Govt. of India. The NewGen Innovation and Entrepreneurship Development Centre (NewGen IEDC) is being promoted in educational institutions to develop institutional mechanism to create entrepreneurial culture in S&T academic institutions and to foster techno-entrepreneurship for generation of wealth and employment by S&T persons. The



NewGen IEDCs has been established at DMIMS with a grant of Rs 2.87 Cr. It will support about 85 projects over a period of 5 years with a sum of Rs 2.5 lakhs each for developing the innovative ideas of young entrepreneurs.

#### Objective of the Scheme

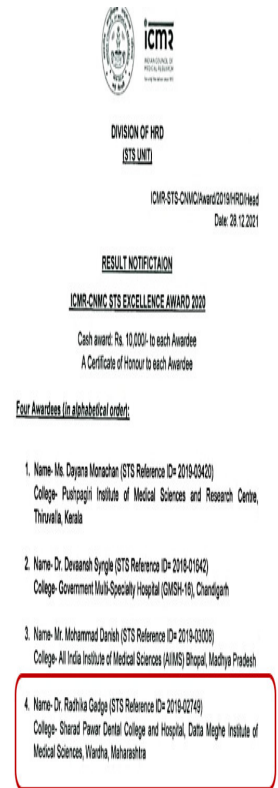
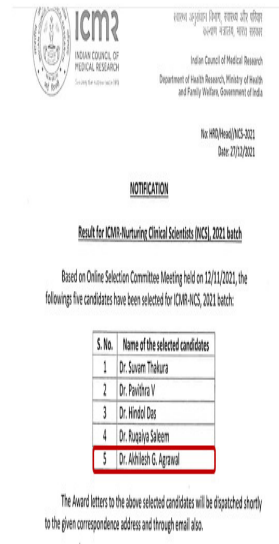
- To channelize the knowledge and the energy of youth towards becoming active partners in the economic development process
- To catalyze and promote development of knowledge-based and innovation-driven enterprises and promote employment opportunities amongst youth specially students
- To inculcate a culture of innovation driven entrepreneurship
- To act as an institutional mechanism for providing various services including information on all aspects of enterprise building to budding S&T entrepreneurs.

DMIMS Institutional innovation council (IIC) recognized by Innovation cell, HMRD, Govt. of India

#### Functions of IICs

- To conduct various innovation and entrepreneurship-related activities prescribed by Central MIC in time bound fashion.
- Identify and reward innovations and share success stories.
- Organize periodic workshops/ seminars/ interactions with entrepreneurs, investors, professionals and create a mentor pool for student innovators.
- Network with peers and national entrepreneurship development organizations.
  - Create an Institution's Innovation portal to highlight innovative projects carried out by institution's faculty and students.
  - Organize Hackathons, idea competition, mini-challenges etc. with the involvement of industries





**Achievements**

- ARIIA** ATAL RANKING OF INSTITUTIONS ON INNOVATION ACHIEVEMENTS • ARIIA Excellent band
- INSTITUTION'S INNOVATION COUNCIL** (Ministry of HRD Initiative) • IIC Four star category
- DMIMS (DU) NewGen IEDC** (Funded By NSTEDB, DST) • Innovation and Entrepreneurship Centres NewGen IEDC, Imprint, BeTIC, SinnoLab, Enprendia ERC.
- icmr** • Amongst the highest number of ICMR STS (102) and PG thesis (42) grant support in the last 5 years.
- PATENTED** **Copyright** • More than 70 patents granted & 700+ Copyrights registered
- +50 international, national collaborators & Consortia**
- Grants from reputed agencies- WHO SEARO, Grand Challenge Canada, SERB, DST, ICMR, etc.**



## Journal Cell

The University of DMIMS (DU) brings six journals as a part of its active participation in the field of research and publication with the following

### Objectives:

1. To share the research of faculty and students of DMIMS (DU) with national and international medical fraternity.
2. To encourage the aptitude of research amongst budding researchers and academicians.
3. To make the availability of research platform for its publication for native as well as the other medical and allied science faculty Nationally and Internationally.
4. To bring out the journals as a part of charity by the DMIMS (DU) as good practices of research sharing and fraternity ethics.

### About the Journals:

There are six journals published by University in the field of Medical and Allied Sciences, Dental Sciences, Ayurveda and Nursing Sciences. These journals are peer reviewed journals. All the journal are managed by competent editorial team with utmost care of the human and animal ethics. A total of around 350 articles are published per year through these journals.

### List of Journals:

The following is the list of journals and its frequency along with indexing and abstracting databases.

Name of Journal	Date of publication of issue	Indexing and Abstracting Data Basis
		(Present Status)
Journal of DMIMSU (JDMIMSU) (Total no of issues : 4 )	Issue 4 2021 published on 24 <sup>th</sup> June, 2022 Issue 1 2022 published on 26 <sup>th</sup> July, 2022 Special Issue on CoViD-19 and Mucormycosis in process (most likely evening by 26 <sup>th</sup> August 2022) <i>(these issues have been published during my tenure as EIC, JDMIMSU)</i>	Baidu Scholar, CNKI (China National Knowledge Infrastructure), EBSCO publishing Electronic Databases, Xlibris – Primo Central, Google Scholar, Hinari, Infotrieve, National Science Library, ProQuest, TdNet
		Index Copernicus, Scimago Journal Ranking, SCOPUS, UGC Journal Data

## **4. Institutional Forum for Women**

### **OBJECTIVES OF CELL-**

1. Creating an environment through positive economic and social policies for development.
2. To ensure enjoyment of all human rights and fundamental freedom by women on equal basis with men in all spheres—economic, social and cultural.
3. Equal access to participation and decision making of women in social, political and economic aspects of the university.
4. Equal access to women to health care, quality education at all levels, career and vocational guidance, employment, equal remuneration, occupational health and safety and social security.
5. Strengthening redressal systems aimed at elimination of all forms of discrimination against women.
6. Changing organizational attitudes and practices through desired sensitization and active participation and involvement of both men and women.
7. Mainstreaming the gender perspective in the development process.
8. Elimination of discrimination of all types and forms of violence against women.
9. Building and strengthening partnerships with civil society and relevant women's organizations.

### **Introduction**

DMIMS (Deemed to be University) established its autonomous cell for women named “Institutional Forum for Women” on 23<sup>rd</sup> Nov. 2010 with the aim of providing guidance & support to all women working in DMIMS to confront their difficulties, create conducive working atmosphere, strengthening redressal system aiming to eliminate any sort of discrimination against women. It also aims to work for achievement of gender equality.

With the vision of making this forum a unique platform for the development of its members & thereby having a mission of striving to create better & just society by empowering women.

### **Calendar Activities and other activities conducted:-**

1. Gender equality day celebrated in all the institutions of the DMIMS and it was a competition of short poem of ten lines on gender equality. Three winners selected from all the institutions.



2. Gender audit report submitted to University.
3. A workshop on Gender bias, gender equality and women's right was conducted on **30/08/2021** Monday in JNMC.

### **DMMC activities**

1. Cell organized activities for celebrating Gender Equality Day in month of August (26<sup>th</sup> August).



Gender equality day celebration at DMMC

### **Activity:-**

Gender equality workshop for all teaching and non-teaching (clerical, paramedics, technicians and attendant staff) was conducted by Dr Renu Rathi on 22 nd October, 2021 at Jyotishmati hall, MGAC, Salod, Wardha. There were 30 participants.



Gender equality day celebration at MGAC

Self-defense skill demonstration was done on the occasion of day of elimination of violence against women. The schedules of the activity are as following.



Self-defense skill demonstration- **AVBRH**

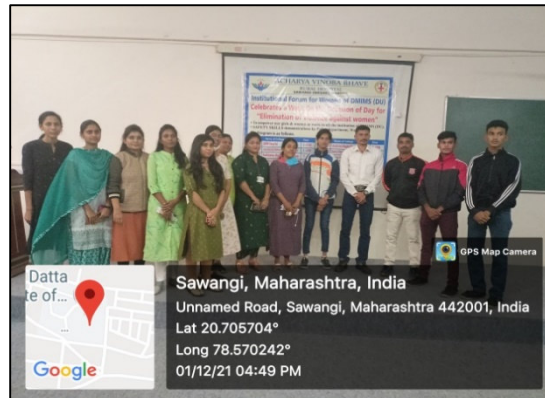
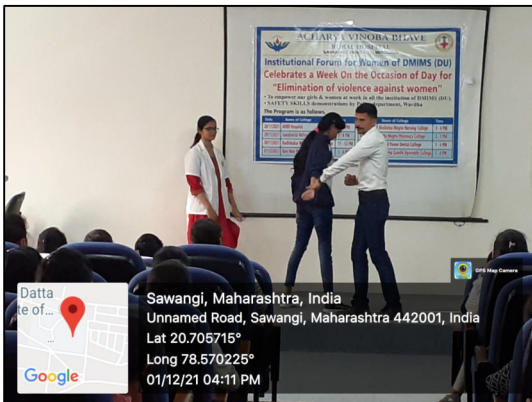
## 30/11/2021- SRMMCON and SMCON



### Activity:-

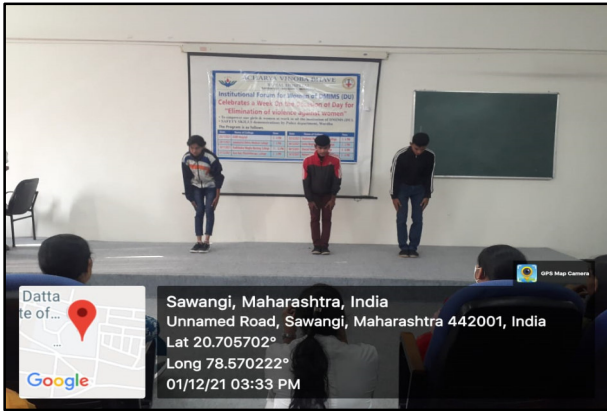
Self-defense skill demonstration was done on the occasion of day of elimination of violence against women. The schedules of the activity are as following.

## 1/12/2021- RNPC & DMCP

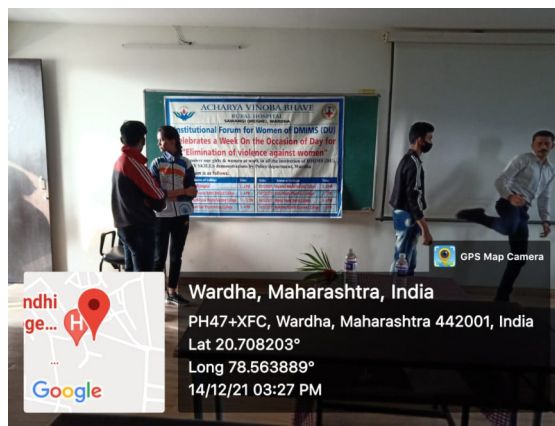




**6/12/2021- SPDC**



**14/12/2021- MGAC:-**



Sensitization workshop on “Gender Equality” was organized by Institutional forum for Women on dated **17/12/2021** for both Teaching and Non-Teaching staff of Datta Meghe College of Pharmacy.



Institutional Forum For Women , DMIMS is organized the sensitization / awareness programme for teaching & nonteaching staff on dated **23/12/2021 at 12 noon** , at Smt. Radhikabai Meghe Memorial College Of Nursing , Sawangi (M) . Wardha



### January 2022

#### Activity:-

Gender audit preparation – Data collection from all the institution –collected & submitted.

### February 2022

#### Activity:-

1. UG Lecture for foundation course 18th Feb. 2022
2. Gender equality workshop for engineering commerce, Pharmaceutical, allied health on 8th Feb. 2022.
3. Gender audit preparation including Performa in Marathi 26th Feb
4. Validation of course material for self-defense on 28<sup>th</sup> Feb. 2022.

### March 2022

#### Activity:-

1. Different competitions for students of all the institutions were conducted on 1st -7th March 2022.
2. International women's day celebration conducted on 8th March 2022

### April 2022

#### Activity:-

1. Gender audit analysis.
2. Lecture on Autism on dated 28<sup>th</sup> April 2022 by Dr. Poonam Uke, Asso. Professor Paediatrics.

### May 2022

#### Activity:-

1. Gender audit analysis and report submitted.
2. A Gender Equality workshop on 30th May 2022 at AVBRH.







### June 2022

#### Activity:-

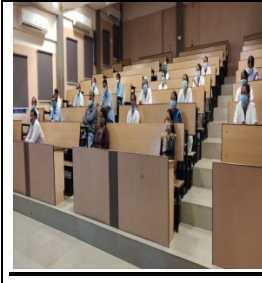
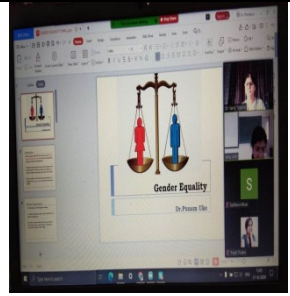
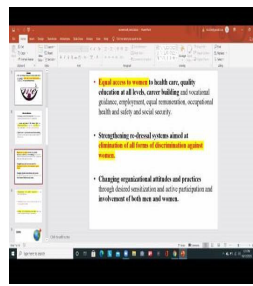
1. Mother's Day celebration -22<sup>nd</sup> June, Honorable Shalinitai Meghe's Birthday, motherly figure to our university. Competition conducted for UG student of all the institutes of the university, Three prizes winners were selected from each institute.

S.N	Institution	Activity
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1.	Nursing college	<b>Essay Competition</b> 	<b>Poem Competition</b> 	<b>Poster Competition-</b> 
2.	DMCP	<b>Wall Magazine Competition</b>		
				
3.	RNPC	<b>Poster Competition</b>		
				
4.	SPDC	<b>Selfie with mom competition</b>		
				
5.	DMMC	<b>Visiting Sanjeevan Vridhhashram</b>		
				

**Highlights & Photos:-**



“Culture does not make people. People make culture. If it is true that the full humanity of women is not our culture, Then we can and must make it our culture.”

## **5. Students Welfare Cell**

The co-curricular and extra-curricular activities form a very important supportive framework in shaping a student's career. For this, we need tangible and rational student curricula which would enhance and enrich an overall student productivity and professional outcome. We take pride in keeping the academics at the helm with student-centric approach for teaching-learning.

The extra-curricular as well as the co-curricular activities are precisely chalked out and planned and notified in the form of an annual calendar at the time of beginning of each academic year, taking into account the student requirements, choices and hobbies, to come up with the best of his alternative and tangential creativity to showcase it to the world. The students are given adequate representation and opportunities during planning and implementation.

Webinars, quizzes, guest lectures and competitions like debate, essay writing, poster, art, painting and other activities were conducted to engage students in co-curricular activities. Extension activities like Celebration of various healths related Day's & Weeks, Tree Plantation programmes, Swachha Bharat Abhiyan and blood donation camps were conducted through social clubs like NSS and Youth Red cross.

The Activities of the Student welfare cell are organized in the following heads

1. Co-curricular activities
  - A. Academic & Literary Activities
  - B. Social Activities
2. Extra-curricular activities
  - A. Cultural activities
  - B. Sports activities

Details of these activities

- 1. Co-curricular activities**
  - A. Academic & Literary Activities**

To boost & improve the academic performance of students, various quizzes, guest lectures, and webinars were conducted. To develop ability to express themselves

Quizzes	12
Guest lectures	30
Webinars	22
Debate Competition	06
Poster Competition	17
Essay writing competition	06
Painting Competition	06
Art Competition	02
Idea Competition	01
Slogan writing Competition	02
Reel Making Competition	03
Awareness Skits	09
Oratory video competition	03

## B. Social Activities

Celebration of various Health related Day's & Weeks	38
Tree Plantation programmes	04
Swachha Bharat Abhiyaan	07
Blood Donation Events	05
Awareness Day	09



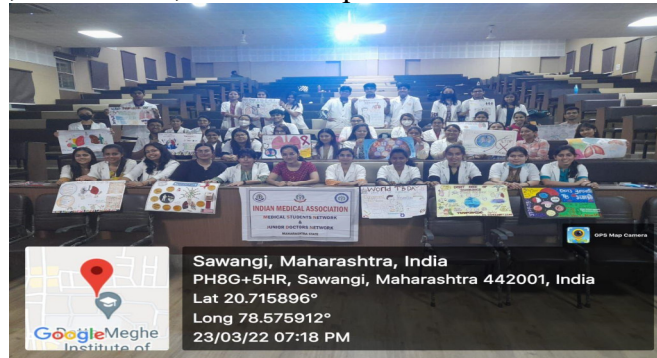




Glimpses of various Co-curricular & Social Activities

## 2. Extra-curricular activities

To prepare students for real life and strengthening their personal skills various cultural activities were conducted like singing competition Open Mic, Nukkad Natak & drama on various awareness, Dhvani 2.0 – a musical evening, Deadfall – Theatre, Photography contest and sports activities like Intercollegiate Basketball, chess, cricket, table-tennis, traditional sports tournament were conducted.



## **6. Students Guidance Unit**

### **Aims and Objectives:**

1. To help students gain an insight into the origins and development of emotional difficulties, leading to an increased capacity to take rational control over feelings and actions. .
2. To alter maladjusted behaviour.
3. To assist students to move in the direction of fulfilling their potential, or achieve an integration of conflicting elements within themselves.
4. To provide students with the skills, awareness and knowledge, which will enable them to Confront social inadequacy.

**Table No. 1: No of beneficiaries attended the student counseling services**

<b>Sr.no</b>	<b>Period</b>	<b>No. Of approached Referred under Potential Learners/Low Attendance</b>	<b>Self-approached</b>	<b>Total</b>	<b>Grand Total</b>
1.	July 2021-June 2022	347	219	566	566

**Table No: 2. Students approached SGC for identified areas. (Areas of Assistance)**

<b>Sr. No</b>	<b>Area Of Assistance</b>	<b>No of Beneficiaries</b>
1	Academic	251
2	Personal/Emotional	335
3	Social	37
4	Health	15

### **Interventions:-**

1. Individual counseling sessions with regular follow-ups.
2. Group counseling sessions
3. Orientation programs for 1<sup>st</sup>, 2<sup>nd</sup> and 3<sup>rd</sup> year students.

The above beneficiaries are from all the colleges under Datta Meghe Deemed University.

## **7.Grievance Redressal Cell**

### **Objectives:**

- To streamline and strengthen mechanism of grievance reporting
- Redressal of grievances at various levels in stipulated time frame
- To create a healthy working atmosphere for students, staff and faculties

### **Observations:**

- **Grievances received : 120**

<b>Sr. No.</b>	<b>Category</b>	<b>Number of Grievance reported</b>	<b>Number of Grievance resolved</b>
1	Students (UG/PG)	118	118
2	Faculty	02	02

<b>Sr. No.</b>	<b>Institute</b>	<b>Number of Grievance reported</b>	<b>Status of Grievance resolved</b>	<b>Number of Grievance rejected</b>
1	Constituent colleges	89	Resolved	-
2	Schools	12	- Resolved	-
10	Exam Cell	19	Resolved	-

### **Highlights**

- Structured mechanism prepared so as to receive grievances from all sources
- Days column is added as per directives
- Revised committee uploaded on website
- As per directives, the grievance should be resolved in 7 days as far as possible.



## **8.Placement cell**

### **Objectives**

- Recruitment activities/To facilitate the students placement
- to give knowledge, skill and aptitude to the students
- To assist students to develop/clarify their academic and career interests
- Maintaining and regularly updating database of students

### **Activities conducted**

<b>Career guidance activities conducted</b>	<b>Placement drives conducted</b>	<b>Interviews organized</b>
21	20	03

### **Highlights**

Placement activity calendar prepared for 2021-22

Visits to hospitals in Nagpur, Amravti, Akola, Yavatmal, Chandrapur, Wardha, Sewagram for Allied students

- Meeting conducted with Alumni cell members on 22<sup>nd</sup> Dec 2021 to work out scope for meaningful alumni engagement in placement and career guidance
- Scheduled orientation on `Overseas opportunities and challenges` for the exit students of all the faculties.
- Visits to Baidynath, Sun Pharma, Patanjali, Lupin pharma, Cadila, Aspire pharmaceuticals and pharmacy shops were conducted

NIRF data prepared and submitted for all faculty

NAAC data prepared and submitted for all faculty

## **9. Anti-Ragging Monitoring Cell**

### **Objectives of Cell**

- Ragging free campus with zero tolerance.
- To make environment conducive for fresher's for their easy acclimatization in the college, hostel and promote healthy interpersonal relationship with seniors.
- Punishment those who indulge in ragging as provided in the anti-ragging regulations and appropriate law in force.

### **Following Anti Ragging Measures taken to curb the menace of ragging:**

Anti-Ragging Posters and Hoardings placed in different parts of Medical College, Hospital, Hostels, Mess etc.

Anti-Ragging Committees, Squad, Monitoring Cell and Mentor Cell formed. Hoardings placed at different places of Institutions and hostels.

Anti-Ragging Squad Members takes vigilance rounds of fresher's hostels as per NMC and UGC guidelines.

Anti-Ragging Monitoring Cell, Committee, Squad Members and Mentor Cell Meetings held every month with students' representative.

Brochure and prospectus of admission incorporated all directions of Hon'ble Supreme Court of India that Ragging is totally banned in all institutions under university.

CCTV Cameras are installed in all vulnerable places of college, hospital and hostels. Online undertaking of each student and parent taken at the time of admission. Undertaking from students and Parents taken about non indulgence in Ragging. Anti Ragging Undertaking of Stake Holders Completed. Fresher's accommodated in separate hostel having CCTV, Warden and Security Guard in the hostel.

Psychological counseling of senior and junior students by students guidance cell by psychiatric counselor. Sensitization of the fresher's, senior students and faculties done every year by the Dean and Convener Anti Ragging Monitoring Cell at fresher's and clinical induction programme.

Online compliance submitted on the Anti-Ragging Portal of UGC.

**Fresher's welcome programme:** As per the recommendations of the Raghvan Committee and Medical Council of India, the fresher's day programme organized by the Pre-clinical departments of the constituent colleges every year in the month of August by Mentor cell & immediate senior batch.

**Anti-Ragging Survey:** As per the guidelines of National Medical Council, Dental Council of India and University Grants Commission the online anti ragging survey is conducted every student after a couple of months after admission.

**Website of DMIMSU:** Anti Ragging Monitoring Cell, Committees, Squad and Mentor Cells updated.

## **10. University Examination Cell**

- **Objective of exam cell**

1. To take all necessary steps to ensure timely, smooth and transparent conduct of examination (U.G. & P.G.) with desired credibility and uniformity.
2. To co-ordinate with the authorities of the University and the constituent colleges to ensure compliance of objective above.
3. To maintain the record of all pre and post examination activities along with the batch wise, faculty wise results and analysis thereof. (Paper setting, Moderation, Valuation & timely declaration of the result)
4. To identify the underachievers based upon their performance in the I PCT & II PCT faculty for Medicine, Dentistry, Ayurveda, Nursing, Physiotherapy & Pharmacy (Students scoring less than 30% marks) and refer them to the Heads of the Institutions for intense coaching, guidance or counselling as per their need assessment.
5. To encourage and train the students to follow the examination code of conduct and disciplinary rules and discourage & prevent aberrant behaviors to ensure discipline & sanctity of the examination system.
6. To adopt policies like E Question bank; model answer; valuation, improvement and enrichment of the question banks.

- **U.G. Examinations Conducted**

\* During the period of report following examinations institution wise were conducted.

<i>Sr. No.</i>	<i>Institute</i>	<i>Examinations scheduled</i>			<i>Exams conducted</i>
		<i>PCT</i>	<i>Prelim</i>	<i>Total</i>	
1.	JNMC	10	04	14	14
2.	DMMC	04	01	05	05
3.	SPDC	08	04	12	12
4.	MGAC	06	04	10	10
5.	RNPC	07	06	13	13
6.	SRMMCON	05	09	14	14
7.	DMCP	12	09	21	21
8.	Allied Health Science	-	06	06	06
9.	Allied Science	-	05	05	05
	<b>Total</b>	<b>52</b>	<b>48</b>	<b>100</b>	<b>100</b>

- *Total 100 U.G. Examinations were conducted.*

- **P.G. Examinations Conducted**

\* During the period of report following examinations institution wise were conducted.

<i>Sr. No.</i>	<i>Institute</i>	<i>Examinations scheduled</i>			<i>Exams conducted</i>
		<i>Annual</i>	<i>Prelim</i>	<i>Total</i>	
1.	J.N.M.C.	02	01	03	03
2.	S.P.D.C.	01	01	02	02
3.	MGAC	01	02	03	03
4.	RNPC	01	01	02	02
5.	SRMMCON	-	04	04	04
6.	Allied Health Science	01	03	04	04
7.	Allied Science	-	03	03	03
	<b>Total</b>	<b>06</b>	<b>15</b>	<b>21</b>	<b>21</b>

- *Total 21 P.G. Examinations were conducted.*

## **11. Alumni Cell**

The institutions of the University have individual alumni bodies of Jawaharlal Nehru Medical College, Sharad Pawar Dental College, Mahatma Gandhi Ayurvedic College, and Shri Radhikabai Meghe Memorial Nursing College which are registered at the Charity Commission. Each body comprises of President, Vice President, Secretary, Joint Secretary, Treasurer, and six other members. The bodies are conducting two Executive committee meetings and one AGM annually. The members of the alumni association are registered for a lifetime after the completion of the education at the University. The alumni who graduated from Nagpur University, Maharashtra University of Health Sciences, Nashik, and Datta Meghe Institute of Medical Sciences are the members of this DMIMS Alumni Association. The alumni members participate in alumni working and activities. The annual report and finance are management by the registered alumni bodies. A total of 5068 alumni are registered in the university alumni association.

Due to the ongoing COVID pandemic, none of the constituent colleges of DMIMS were able to conduct the Annual Alumni meet in this duration, but this was compensated by conduction of an array of online academic and scientific activities which were conducted throughout the year by and for the benefit of the alumni of DMIMS.

Jawaharlal Nehru Medical College conducted 11 online scientific and academic activities under the Pretext of ALUTALK program (Series of Talks and lectures delivered by the eminent alumnus of the institute for the benefit of current students and other alumni), throughout the academic year. Besides this many offline activities in form of Tree plantation programme in month of august 2021, Cancer awareness programme in the month of Feb 2022, Alumni Marathon again in Feb 2022, Head Injury awareness program in march 2022, and Blood donation awareness drive in June 2022 were also conducted by the Alumni member association of JNMC.

Sharad Pawar Dental College also conducted 13 online scientific and academic activities under the ALUTALK program throughout the academic year. Besides this some offline activities in form of Tree plantation programme in month of august 2021, and Blood donation awareness camp in April 2022 in which 92 units of blood were collected, were also conducted by the Alumni member association of SPDC. Dr Rikin Gogri gave a motivational talk and interacted with the first year BDS students during their Induction Program conducted on 4<sup>th</sup> march 2022. 26 Books of academic interest were donated by various alumni of the Institute to the College Library for benefit of the students of SPDC.

During this period Mahatma Gandhi Ayurved College conducted 10 ALUTALK activities which includes various webinars and lectures, using online mode, conducted by various prominent Alumni of the college. Besides these activities, a tree plantation programme was also organized by the Members of MGAC Alumni association on 27/07/21. Dr. Pravina Sawarkar, Medical officer, Muradgao PHC, Wardha, an alumnus of MGAC also addressed the Interns of MGAC during their internship Induction Programme. The Address was highly appreciated by all.

Shri Radhikabai Meghe Memorial Nursing College College also conducted 12 ALUTALK activities during the same period, consisting of webinars and online lectures, on wide array of areas such as Mental health, Chemotherapeutic Drug management, to Female fertility preservation and others, which were of immense relevance for budding graduates and post graduates as well as for faculty working in various clinical setups.

Alumni of the institute also donated 3 Books to the college Library for benefit of the students currently studying in the college.

Ravi Nair Physiotherapy College conducted 12 ALUTALK activities, using online as well as offline modality of teaching through lectures and seminars. Dr. Sohan Selkar an eminent alumni of the institute interacted and motivated the under graduate students on 04/03/2022 about the future and carrier prospectives in Physiotherapy, during the First year UG Induction program. Besides this the team of Alumni association of the college with the guidance and support of Dr. Aditya Dandekar organized an RNPC Got Talent Programme on 30/04/2022, to provide a platform for the students of the college to showcase their extracurricular talents, which was applauded by all. Alumni of the institute also donated 7 Books to the college Library for benefit of the students currently studying in the college.

## 12. Equal opportunity Cell

### EQUAL OPPORTUNITY CELL

Datta Meghe Institute of Medical Sciences (DMIMS) Deemed to be University, the torch bearer of creating awareness of the concept of equal opportunities to one and all; irrespective of gender/sex including transgenders, ability, socio-economic background, Sexual orientation (LGBT), caste, creed, religion or language which is based on the sound principles of DMIMS.

The basic aim of EoC, is to ensure that all human beings (students, staff, faculties or the community) from various diverse backgrounds of community, religion, region, gender or ability are not deprived of their rightful opportunities

The Committee wholeheartedly undertakes the following objectives-

1. To break the obsolete conceptions of social hindrances prevalent in the society that inhibits social growth.
2. To uphold 'social justice' by developing a sense of social sensitivity, connectedness, and responsibility among students, teacher's members and non-teaching staff and their surroundings.
3. To create opportunities and platform for the students where they could practically analyse and evaluate the role of law and legal system in the fast changing society in bringing forth social justice.
4. To contribute materially to the intellectual discourse and academic efforts in developing an analytical attitude through which social realities can be evaluated and enveloped by ideals of social justice.
5. To provide information and act as a counseling-cum-guidance centre for students belonging to the marginalized sections, especially with regard to academic, financial and other matters
6. To ensure implementation of policies, schemes and programmes for the inclusion of under privileged groups within the framework of policies and guidelines of the GOI/UGC.

The sensitization programs was conducted as per scheduled for all students, teaching and nonteaching staffs of all constitutes colleges and poster competition conducted on the occasion of Social justices day.



### **13.Attendance Cell**

To increase the academic standards, professional institutes around the world face the difficulty of assuring student attendance and engagement in regular classes. Our experience has shown us that the most essential indicator of a student's performance is his or her regular attendance in class. Attendance among our top students, toppers, and distinction holders is consistently above 95%. It is not left to chance to assure the same, as well as the eligibility to appear in examinations. The university features an attendance cell that keeps track of students' attendance in theoretical and practical/clinic classes across all colleges and schools. Its primary goal is to detect early warning indications of absence and poor performance.

Attendance cell have few of its objectives in place like to keep track of the attendance of students in theory, practical's, and clinics and to ensure that classes are conducted properly in accordance with university guidelines. Its active monitoring system helps the administrator, teachers and the parents or guardians to identify and counsel learners who are chronically absent or have a low attendance rate.

The university conforms to the following attendance criteria (subject-by-subject) for eligibility in University examinations:

Theory: greater than or equal to 75%, Clinical/practical: greater than or equal to 80% (Remaining 20 percent includes all absence like sickness, other leaves, etc.) Students who do not meet the required progressive attendance requirements in a subject are not entitled to sit for University Examinations in that subject.

The attendance cell has a convener and a co-convener from each of the University's constituent colleges, such as Medical, Dental, Ayurveda, and Nursing. Each of these colleges has its own Attendance cell unit also which is managed by the co-conveners.

The university has its policy guidelines regarding leave of under graduate students in various situations like date of joining after admission, leave application on personal grounds, leave application on medical grounds, for representing institution in conference/sports/cultural meet/other extracurricular activities etc. Parents of First Year students are given usernames and passwords so that they can track their children's attendance on a daily and monthly basis.

During the CORONA pandemic, the institution took proactive measures to continue academic learning by launching online classes by various modes like school guru, Zoom app, Google Meet and indigenous developed LMS system ensuring that learner did not suffer. Students' participation was monitored by recording online attendance and assigning them homework to compensate for any losses. The same attendance was taken into account when they were allowed to sit for the formative and summative examinations.



## Centres of Excellence

The Centres of Excellence are created for the advancement of knowledge and to develop excellence in the chosen areas in order to meet the great challenges of the 21st century. The Institute brings together the most brilliant minds to drive cutting-edge discovery and scholarship for the betterment of mankind. The Centers of Excellence are characterized by the innovation and uniqueness of their activities as well as the effectiveness and National and International visibility. The emphasis of COEs is on creating an environment that nurtures creativity, flexibility and original thought.

There are 7 COE working at present in the university, however, the account of activities and achievements of optimally active centres are given as under:

### **1. Centre for Health Sciences Education Policy and Planning**

**Hon. Director: Dr. Vedprakash Mishra**

In accordance with the Perspective Development Plan set out for a period of 7 years commencing from the Academic year 2018-19, the task dispensation by the centre during the period beginning from **1<sup>st</sup> July 2021 to 30<sup>th</sup> June 2022** is as under:

Accordingly the pursuits that were undertaken by the Centre are catalogued herein below:

1. Formulated an Advisory that Director IQAC or by representative representing IQAC should be included as an Ex-Officio invitee to the Open Defense Viva-Voce for the Doctoral Degree, for Datta Meghe Institute of Medical Sciences (Deemed to be University), which has been effected by the University through suitable Notification.
2. Formulated an Advisory in regard to Regulations notified by the University Grants Commission on three important vital aspects that have been explicitly brought out in the National Education Policy Document Viz. Academic Credit banking, Multiple Entry and Exit in Academic Programme and Internationalization of Higher Education, for Datta Meghe Institute of Medical Sciences (Deemed to be University), which have been availed for invocation of the required policy document thereon.
3. Formulated comprehensive Concept Note on conferment of title of 'Professor Emeritus' by Indian Medical Association, incorporating rationale and required guidelines thereto for Indian Medical Association, Headquarters, New Delhi in his capacity as Dean IMA Standing Committee for Academic and Accreditation Board, which has been availed by the Indian Medical Association, Headquarters, New Delhi as a part of their policy for operational usage.
4. Report to crystalize appropriately structured / updated a draft of IMA CODE OF MEDICAL ETHICS compiled by the Convener IMA Standing Committee for Medical Ethics, for Indian Medical Association, Headquarters New Delhi in his capacity as Dean IMA Standing Committee for Academic and Accreditation Board, which has been incorporated by the IMA Headquarters, New Delhi in the compendium brought out by it.
5. Report on formulation of guidelines in regard to conferment of IMA Honorary Professorship, IMA AMS Honorary Professor and IMG CGP Honorary Professorship respectively, in order to make them relevant and commensurate with the contemporary desired academic standards, which has been adopted by the IMA Headquarters, New Delhi as their policy and has been put to operational usage.

6. Report to crystalize the comments on Taipei Statement on Collaborative Work for Managing Novel Pathogen Pandemic (draft)” from Taiwan Medical Association, as requested by the CMAAO Secretariat.
7. Report to make recommendations on draft Regulation for a Compulsory Rotating Internship-2021 placed into public domain for opinion by National Medical Commission, New Delhi for Indian Medical Association Headquarters, New Delhi, which were adopted by the IMA Headquarters, New Delhi and forwarded to National Medical Commission, New Delhi and in the modified draft the suggestions so made were appropriately incorporated.
8. Report to make recommendations on the proposal of Postgraduate Fellowship Programme on Sexual Health under IMA CGP, for Indian Medical Association, Headquarters, New Delhi, which have been availed by the IMA CGP for operational usage.
9. Report to crystalized a communication to be sent to the President, Medical Assessment and Rating Board, National Medical Commission, New Delhi and Hon’ble Minister of Health and Family Welfare, Govt. of India in regard to suggestions on NMC-MARB letter for increase of seats for the academic year 2021-2022 by carry forwarding the request for the academic year 2022-2023 in his capacity as the Vice President, Education Promotion Society for India (EPSI), New Delhi, which was adopted by the Executive Committee of the EPSI and made known to the Government of India for suitable action thereon.
10. Formulated a Concept Note on Directorate of Advance Studies for Datta Meghe Institute of Medical Sciences (Deemed to be University) as becomes mandatory for the smooth functioning of the degrees, as DMIMS caters to all categories of courses through various faculties i.e. the range from graduation to post graduation, super specialization, fellowships and Doctoral degrees, which has been availed by the University for invocation of the required policy document.
11. Formulated an Advisory for Datta Meghe Institute of Medical Sciences (Deemed to be University) pertaining to the paucity of invigilators and substantial gap of manpower as a realistic reality due to increase of the number of examinations, which has been acted upon by the Hon’ble Vice Chancellor in his capacity as the Chairman of the Board of Examinations of the University as the Competent Authority.
12. Report to make recommendations in terms of the Score of 3.39 accorded to Krishna Institute of Medical Sciences (Deemed to be University) Karad by the NAAC in the second cycle of reaccreditation worked out an Advisory for Krishna Institute of Medical Sciences (Deemed to be University) Karad in regard to categorization of KIMS, under categorization of Universities Regulation-2018 of University Grants Commission for grant of Graded Autonomy vide communication of University Grants Commission dated 15<sup>th</sup> December, 2021 under the signature of Secretary, UGC, which has been accepted by the concerned authorities and has been put into operational usages.
13. Formulated an Advisory for Datta Meghe Institute of Medical Sciences (Deemed to be University), Sawangi (Meghe) Wardha in regard to the permissibility of a Ph.D. Supervisor transfer to Off Campus, which has been availed by the University authorities for appropriate usage.
14. Formulated communication on 15<sup>th</sup> November, 2021 to be sent to the Hon’ble Minister of Health and Family Welfare, Govt. of India in regard to suggestions on NMC-MARB letter for increase of seats for the academic year 2021-2022 by carrying forward the request for the academic year 2022-2023 for Educational Promotion Society of India (EPSI), New Delhi, which was adopted by the Executive Committee of the EPSI and made known to the Government of India for suitable action thereon.
15. Formulated a communication in regard to focal points for discussion with Dr. V. K. Paul, Expert Member, NITI Aayog, in regard to the scheme prescribed in the governing NMC Act, 2019 for the purposes of increase of Undergraduate annual intake in the ongoing medical colleges, physical verification through an assessing team for Educational Promotion Society of India (EPSI), New Delhi, which was taken up by the EPSI with the member NITI Aayog, Dr. V. K. Paul.

16. Formulated a communication in regard to suggestions for kind consideration to be appropriately availed in larger National and Public interest with reference to effective and efficacious Covid Management with reference to Omicron variant as per the discussion in the meeting convened by the Hon'ble Union Minister for Health and Family Welfare, Government of India with the expert and senior doctors engaged in managing COVID-19 as well as Non-COVID 19 services during the pandemic along with representative of IMA held on 11<sup>th</sup> January, 2022 at 11.30 A.M, which was availed by the National Expert Group on Covid management.
17. Formulated a Concept Note on 'Nature of Professional 'Oath' for Modern Medicine Medical Practitioners in his capacity as Advisor Standing Committee on Medical Ethics of Indian Medical Association Headquarters, New Delhi, which was adopted by IMA Headquarters, New Delhi and forwarded to National Medical Commission. The recommendations so made were availed by the NMC for usage.
18. Formulated an Advisory for Indian Medical Association, New Delhi in respect of the palpable violation of the order of the tribunal by IMA State Branch Madhya Pradesh, which was availed by IMA Headquarter, New Delhi for formulation of their reply through their council for adjudication.
19. Formulated an Advisory for Indian Medical Association, New Delhi in regard to unprecedented crises that Ukraine is facing and the resultant fleeing of the people at large that is taking place including the evacuation of the Indian Nationals from Ukraine and thereby uncertainty looming large over the fate and future of medical students undergoing undergraduate course at the various stages in medical colleges thereat, which was forwarded by the IMA to the Government of India and also NMC, which has been availed by the authorities through appropriate policy formulation on the said count.
20. Formulated a communication to be sent to the Hon'ble Prime Minister of India and with a copy thereof to the Hon'ble Union Minister for Health and Family Welfare in regard to the recommendation to accommodate the medical students undergoing undergraduate courses at the various stages in medical schools at Ukraine and stand heavily victimized due to an unprecedented situation which is not their creation and also for no fault of theirs by the National President Indian Medical Association, Headquarters, New Delhi, which has been Formulated a communication to be sent to the Chairman Undergraduate Medical Education Board, National Medical Commission, New Delhi with a copy marked to the Union Minister, Health and Family Welfare, Government of India, pertaining to the Circular dated 4th March, 2022 issued by NMC on the subject Guidelines for Registration of Foreign Medical Graduates and dichotomy observed in Para-5 of the circular of said date by the National President Indian Medical Association, Headquarters, New Delhi, which has been forwarded by the IMA Headquarters to the NMC and has been suitably availed by them.
21. Formulated an Advisory for Indian Medical Association, New Delhi in regard to new Fellowship Course in Neonatology on behalf of IMA AMS Telangana State in his capacity as Dean IMA Standing Committee for Academic and Accreditation Board of Indian Medical Association Headquarters, New Delhi, which has been availed by them appropriately.
22. Formulated and updated the thematic Note on 'Doctor Patient Relationship' on the specific points i.e. information gap, social status, availability, consumerist culture, dilution of ethics, patients expectations, expected professional conduct and identity crisis for the IMA Headquarters, New Delhi, which has been availed by the Standing Committee on Ethics of IMA Headquarters, New Delhi.
23. Formulated a Concept Note on Creation of Directorate of Student Welfare with Placement Cell and Alumni Association for Krishna Institute of Medical Sciences (Deemed to be University) Karad, which has been availed by the competent authorities of the University towards policy invocation on the said count.
24. Formulated comprehensive note for publication in leading daily new paper 'Mid-day' published from Mumbai pertaining to the judgement delivered by the Hon'ble Madras High Court in the month of

June, 2021 that the practice of “Conversion Therapy” as has banned in India and thereby bringing protective measures for the Lesbian, Gay, Bisexual, transgender individuals in the country, which was duly published thereat, which was appropriately published in the said newspaper.

25. Formulated a detailed comprehensive report including the observations on the draft National Medical Commission Registered Medical Practitioner (Professional conduct) Regulations, 2022 having put into public domain by the National Medical Commission for suggestions and comments as the Chairman of the Committee constituted by the National President, Indian Medical Association, Headquarters, New Delhi. Letter from National President IMA Headquarters, New Delhi enclosed, which was adopted by the IMA Headquarters, New Delhi and sent to Ministry of Health and Family Welfare, Govt. of India Government of India and National Medical Commission, for suitable consideration and needful invocation.
26. Formulated an observations sought on the draft Regulations on License to Practice Medicine -2022 and Registration of Additional Qualifications-2022 and Temporary Registration of the Foreign Practitioner to practice Medicine in India put into public domain by the National Medical Commission for public comments in the capacity as Dean Academics and Accreditation Board, Indian Medical Association, Headquarters, New Delhi, which was adopted by the IMA Headquarters, New Delhi and sent to Ministry of Health and Family Welfare, Govt. of India Government of India and National Medical Commission, for suitable consideration and needful invocation.
27. Formulated an article on the theme ‘Self-Regulation’, for including in the E-Bulletin to be brought out by the Standing Committee on Medical Ethics of IMA Headquarters New Delhi, which has been appropriately published in the e-Bulletin that is in public domain.
28. Formulated a Model Code of Conduct for the guidance of candidates, voters and all IMA members at their Biennial Elections, which has been incorporated in the Manual governing Election Code of Conduct of the IMA Headquarters, New Delhi.
29. Formulated and update the WMA Statement on violence in the Health Sector by patients and those close to them, for World Medical Association, in capacity as Dean Academics and Accreditation Board, Indian Medical Association, Headquarters, New Delhi, which was availed by the representative of National IMA on World Medical Association for presentation thereat.

The centre in its quest for catering to the cause of educational planning in the domain of health sciences especially from the point of view of desired policy intervention in larger academic and public interest has worked tirelessly in a committed manner.

## **2. School for Health Professions Education & Research**

**Hon. Director: Dr. Adarshlata Singh**

The unprecedented growth of Medical Institutions in India in past two decades has led to shortage of teachers and created quality challenges for medical education.

In recent years, though medical advances have been understood & adopted by many institutions, the same is not true for educational planning & implementations.

The situation is made grave by the gross disparity in the global standards of Health education and the actual practice in Indian context, leaving believed a penumbra.

Hence there is a need for creation of education programs to resolve the penumbra existing between the Global and national standards of Health education.

DMIMS being a Deemed University has the privilege to design and implement its own education program match able with Global standards, and has lead to creation of “School for Health Professions Education and Research” along with its five departments of Curriculum , Department of Teaching & Learning , Department of Assessment & Evaluation, Department of , Educational & Research, Department of Competences and three educational Units Dental Education Unit(DEU) at SPDC, Ayurved Education Unit (AEU) at MCAC & Nursing Education Unit (NEU) at SRMMCON at the constituent colleges to take care of academic ambience of the university and premier to promote improvement in quality of medical education at par with Global contest , ultimately leading to quality augmentation of Health care for the mankind.

## VISION & MISSION, GOALS AND OBJECTIVES

### **VISION**

To provide core competencies that all health professionals need to possess regardless of their discipline as agents of change to meet the expectations and legitimate needs from the 21<sup>st</sup> century effective and meaningful healthcare delivery system.

### **MISSION**

In pursuit of vision to provide high quality educational facilities in all health professions by developing and evolving such programs that ensure continuous quality sustenance enrichment and enhancement so as to enable the provision of state of art patient care to all concerned.

### **OBJECTIVES**

1. To promote systematic approach to curriculum design, update and timely implementation.
2. To validate, standardize and monitor teaching learning activities
3. To create, validate & standardize Assessment and Evaluation Strategies
4. To promote the culture of continuing professionals update.
5. To inculcate Clinical and Communication skills to make the students Globally competent and relevant.
6. To promote educational research in various domains of Health Professional Education
7. To train the health professionals in Basic and Advanced Courses in collaboration with MCI recognized Nodal Center at Jawaharlal Nehru Medical College, Sawangi(Meghe), Wardha under the rubric training of trainers.

### **Preamble**

As per the guidelines of Medical Council of India, in the year 1997, Medical Education Unit was established at Jawaharlal Nehru Medical College (JNMC). As such, in 2007, Medical Education Unit was upgraded to the Department of Medical Education Technology (DOME) to take care of the academic ambience and Faculty Development at University level.

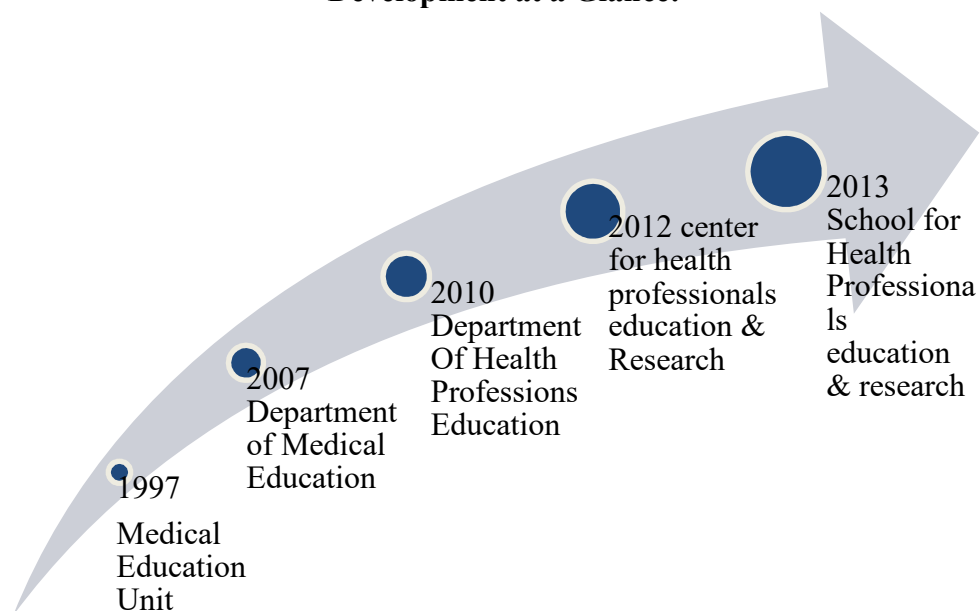
The Department of Medical Education Technology at DMIMS (DU) was upgraded to a Center for Health Professions Education and Research in 2012 and finally to a full-fledged School for Health Professions Education and Research (SHPER) in 2013. It is designated as one of the Centers of Excellence with a Chair attributable to it. SHPER takes care of academic ambience in all the constituent colleges of the University through its unique feature of respective **Education Units**.

In the year 2009, considering the quantum of work in the field of faculty development done by Medical Education Technology of JNMC, it was **recognized by the MCI as Regional Centre for National Faculty development**. It was one of the 8 regional centers in India with 15 medical colleges under its ambit. The centre received **Certificate of Appreciation** from MCI in the year 2013 for training more than 1000 faculty across India in Basic Course in Medical Education Technology (MET). Based on its exemplary performance, it was upgraded to **Nodal centre for National faculty development by MCI** with permission to conduct Basic as well as Advance Course in Medical Education with 48 Medical colleges under its ambit. Now with the initiatives from the Centre and Chief Advisor of University, the Advance Course in Medical Education has been renamed as **Fellowship in Medical Education (FIME) by the MCI**.

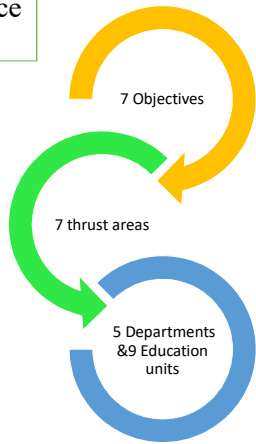
In 2014, Education Units are constituted on the same guidelines of MCI for MEU at Medical College. These Units are Dental Education Unit (DEU) at SPDC, Ayurved Education Unit (AEU) at MGAC & Nursing Education Unit (NEU) at SRMMCON.

In 2015, all these units were declared as **Autonomous** units for Education Technology at respective constituent colleges of the University. SHPER through all the **Educational Units** conducts various academic activities as well as workshops in Basic and Advance Course in education technology for the faculty members in all its constituent units.

#### Development at a Glance:

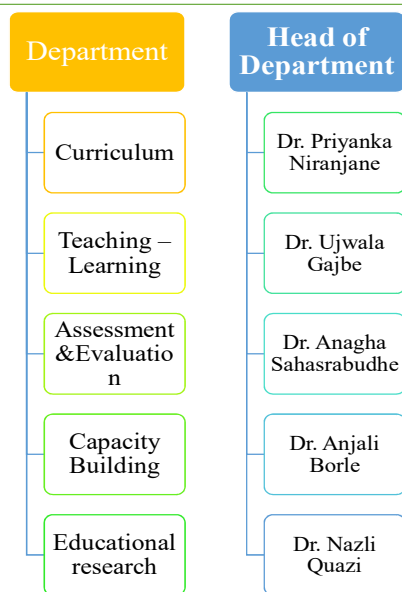


Aligned areas of indulgence



**DEPARTMENT OF SHPER**

## 5- Department & Head of Department



### EDUCATION UNITS

Faculty	Educational unit	Convener
Medicine	DOME Recognized by NMC as Nodal centre for National faculty development	Dr.Tripti Srivastava
Dentistry	Dental education unit	Dr. Anjali Borle
Ayurveda	Ayurveda education unit	Dr.Pradnya Dandekar
Nursing	Nursing education unit	Mrs. Rajana Sharma
Physiotherapy	Physiotherapy education unit	Dr. Vishnu Vardhan
Pharmacy	Pharmacy education unit	Dr.Shyam Panga
AHS	Allied Health education unit	Dr. Sarika Dakhole
FEAT	Engineering education unit	Dr. Gaurav Srivastva
SAS	Allied Science education unit	Dr.Pankajkumar Anawade

### ACTIVITIES AT GLANCE



The School of Health Professionals Education & Research is associated with various activities, which are depicted as under –

- A) Academics of University
- B) Evaluation of various activities
- C) Continuing Medical Education
- D) Faculty Development activities
- E) Consultancies & Collaborations
- F) Educational Research

#### **A) ACADEMICS OF UNIVERSITY**

I). SHPER contributes to **ACADEMICS OF UNIVERSITY**.

1. Need assessment, Conceptualization and strategic initiatives regarding development and Innovations in Teaching Learning activities.
2. Curriculum updates
3. Validation of new ventures in TLE activities.
4. Creation and incorporation of new modalities in Assessment and Evaluation.
5. Designing of Program Outcome and Course outcome, their matching and monitoring the all alignment of competencies
6. Developing research aptitude, exploring the Research Avenue and conduction of research in medical education technology

#### **II). Capacity building through -Academic courses**

- M.Ed in HPE
- PG Diploma in Health Profession Education (Distant Mode)
- P.hD in Health Profession Education

#### **b) Evaluation of various activities**

The various activities conducted are evaluated by following ways like-

1. Feedback- from Departments, Students, Teachers, Peers, Society, Alumni, parents' managerial staff & all other stakeholders. Best students & best teachers are rewarded. Rewards are given like cash prize, certificate or prestigious activity of flag hoisting on Independence Day or Republic Day.
2. Monitoring and evaluation of Induction Programs like Fresher's Induction and Clinical induction of all four colleges, Orientation programs like Interns orientation programs of all colleges and Post graduate Orientation program is done by department. The feedback analysis is done for all these activities.

### **C) Continuing Medical Education**

The activity of CMEs of all the colleges is monitored by SHPER. The yearly calendar of CMEs is prepared at the start of academic year. The interdisciplinary CMEs have also been conducted. These CMEs are planned such that the topics of National importance, regional importance, local importance and CMEs based on healthy practices are included.

### **STATUS OF CONDUCTED CME/ WORKSHOPS / CONFERENCES**

#### **JULY 2021 TO June 2022**

Report on conduction of various activities i.e. CMEs, Seminar, Conferences, Workshops etc vis planned during academic session July 2021 to June 2022

<b>Name of Institute</b>	<b>Number of Academic activities</b>	<b>Conducted activities</b>
University	7	7
JNMC/DMMC	26	26
SPDC	3	3
MGAC	5	5
SRMCCON	6	6
RNPC	14	14
AHS	1	1
SAS	7	7
Total	69	69

### **Month wise Activities**

#### **JULY - 2021**

<b>Sr. No.</b>	<b>Month / Year</b>	<b>Institutional / College</b>	<b>Department</b>	<b>Name of Activities</b>	<b>Departmental / Interdepartmental / Interdisciplinary</b>	<b>Type of Activity</b>	<b>No. of Participants</b>	<b>(A L G)</b>
1	1-Jul-21	JNMC	Radiology	National level webinar 'Research Methodology for	Departmental	E-Webinar	500	70 %

				literature search and review'				
2	22-July-21	SPDC	Dentistry	International Conference "Oral Squamous Cell carcinoma – Recent Concept, Evidence & Strategies"	Interdepartmental	Conference	1040	72.20%

### August – 2021

Sr. No.	Month / Year	Institutional / College	Department	Name of Activities	Departmental / Interdepartmental / Interdisciplinary	Type of Activity	No. of Participants	(ALG)
3	9-Aug-21	JNMC	Ophthalmology	Poster making on eye donation in the event of eye donation fortnight	Departmental	CME	250	65%
4	14-Aug-21	SAH	Radiology	3R'S of Radiology	Departmental	E-Webinar	300	70%
5	27-Aug-21	JNMC	Ophthalmology	Webinar on Behind the enemy lines – Retina refresher for the comprehensive Ophthalmologists	Departmental	Webinar	Residents and staff of Department of Ophthalmology	72%

6	28-Aug-21	JNMC	OBSTETRICS & GYNAECOLOGY	CME & Oration- Sepsis in Obstetrics & Gynaecology-Update and prevention management as the theme of CME	Departmental	CME	132 PG & OBGY consultants	56.50 %
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### September – 2021

Sr . No.	Month / Year	Institutional / College	Department	Name of Activities	Departmental / Interdepartmental / Interdisciplinary	Type of Activity	No. of Participants	(ALG )
7	9-Sept-21	JNMC	Physiology	Automated Semen Quality Analyzer for Male Infertility	Departmental	CME	30	72.09 %
8	19-Sept-21	JNMC	Anaesthesiology	Ultrasound Guided Nerve Block Workshop - 2021	Departmental	Workshop	61	82%
9	Sept. 2021	JNMC	OBSTETRICS & GYNAECOLOGY	WEBSERIES ON ONCOLOGY	Departmental	Webseries	355 PG student and OBGY consultant	96.30 %
10	28-Sept-21	JNMC	Respiratory Medicine	CME- Recent trends in the Management of	Departmental	CME	30	61.80 %

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**October - 2021**

Sr. No.	Month / Year	Institutional / College	Department	Name of Activities	Departmental / Interdepartmental / Interdisciplinary	Type of Activity	No. of Participants	(ALG)
11	3-Oct-21	JNMC	ENT	Live surgical Webinar on "Rhinoplasty"	Departmental	Webinar	330	64%
12	4-Oct-21	JNMC	Dermatology	Cosmetic management of scars	Departmental	CME	146	61%
13	5,6-Oct-21	JNMC	Neonatology	Update on Human Milk Bank	Departmental	CME	50	64%
14	23-Oct-21	JNMC	Pathology & Surgery	an International Webinar on "Breast Cancer Reviews"	Departmental	Webinar	179	70.10%
15	23-Oct-21	SPDC	Dentistry, Conservative Dentistry and Prosthodontics	Recent Trends in Esthetic Restorations	Departmental	CDE	120	70.67%
16	31-Oct-21	JNMC	Orthopedics	Annual PG - CON 2021	Interdepartmental	Conference	80	85% (MMC accreditation 2 Points)

**November - 2021**

<b>Sr. No.</b>	<b>Month / Year</b>	<b>Institutional / College</b>	<b>Department</b>	<b>Name of Activities</b>	<b>Departmental / Interdepartmental / Interdisciplinary</b>	<b>Type of Activity</b>	<b>No. of Participants</b>	<b>(ALG)</b>
17	23-Nov-21	RNPC	Physiotherapy	Bell's Palsy Rehabilitation	Departmental	CME	20	80%
18	26-Nov-21	MGAC	Swasthavr itta	National e – CME on STRESS MANAGEMEN T	Departmental	e-CME	100	82.03
19	29-Nov-21	RNPC	Electrotherapy	Recent Trends in Esthetic Restorations	Departmental	CME	100	75%
20	30-Nov-21	RNPC	Cardio Respiratory Physiotherapy	Quiz on “ World COPD Day”	Departmental	Quiz	12	NA

**December – 2021**

<b>Sr. No.</b>	<b>Month / Year</b>	<b>Institutional / College</b>	<b>Department</b>	<b>Name of Activities</b>	<b>Departmental / Interdepartmental / Interdisciplinary</b>	<b>Type of Activity</b>	<b>No. of Participants</b>	<b>(ALG)</b>
21	3-Dec-21	JNMC	Forensic Medicine	“Medical Issues In Clinical Practice In Context Of Amended Consumer Protection Act”	Departmental	CME	144	95%

22	3-Dec-21	SPDC	Periodontics and Public Health Dentistry	Lasers in Dentistry; A Milestone	Departmental	CDE	204	63.60%
23	3-Dec-21	RNPC	Physiotherapy	Leadership and participation of persons with disabilities toward an inclusive, accessible, and sustainable post-COVID-19 world'	Departmental	CME	31	72%
24	14-Dec-21	RNPC	Physiotherapy	1. Scope of Physiotherapy in academics in DMIMS(DU) and other Deemed colleges	Interdepartmental	CME	IV year B.P. T. students	80%
25	22-Dec-21	MGA C	Samhita	Quiz Competition on "CHARAK PRABHODINI -2021"	Departmental	Quiz	Undergraduate students	NA
26	30-Dec-21	SRM MCO N	Child Health Nursing	Recent advances towards better health in paediatrics	Departmental	CNE	252	70.80%

### January - 2022

Sr. No.	Month / Year	Institutional / College	Department	Name of Activities	Departmental / Interdepartmental / Interdisciplinary	Type of Activity	No. of Participants	(ALG)
27	3 <sup>rd</sup> - 6 <sup>th</sup> Jan-22	SRMMCO N	Nursing	Undergraduate induction programme 2021-22	Interdepartmental	UG Induction Programme	96 B.B.Sc Nursing Students	70.50%

28	7 <sup>th</sup> & 8 <sup>th</sup> , Jan – 22	SRMMCO N	Nursing	Post graduate induction programme 2021-22	Interdepartment al	PG Induction Program me	14 M.Sc. Nursing students.	75%
29	8 <sup>th</sup> , Jan- 22	SAS	Science & technolog y, Commerc e & Managem ent	Faculty Training on "Continuous Mentorship Program(CM P)"	Interdepartment al	Worksho p	16	70%
30	14 <sup>th</sup> , Jan- 22	JNMC	Anatomy	Dealing with challenges in online Anatomy teaching	Departmental	CME	125	93%
31	21 <sup>st</sup> – 22 <sup>nd</sup> , Jan- 22	MGAC	Panchkar ma and Dravyagu na	International Webinar on “Updates in Ayurveda Neurology”	Departmental	Webinar	384	84%
32	20 <sup>th</sup> , Jan 2022	SAS	Science & technolog y, Commerc e & Managem ent	Webinar on "How to submit Research Article"	Interdepartment al	Webinar	Participatio n of 151 Studen ts of FoCMS, FoCS& 8 engineerin g	90%

### February 2021

Sr. No.	Month / Year	Institutio nal / College	Department	Name of Activities	Departmenta l / Interdepart mental / Interdisciplin ary	Type of Activity	No. of Particip ants	(AL G)
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33	14 <sup>th</sup> & 15 <sup>th</sup> , February -2022	University JNMC	Pharmacology	Clinical Induction Program 2022	Interdepartmental	Induction Programme	54 Students of II MBBS	81%
34	14 <sup>th</sup> & 18 <sup>th</sup> , February -2022	University JNMC	Anatomy	Orientation week of Foundation Course for batch 2021	Interdepartmental	Orientation Programme	121	81%
35	14 <sup>th</sup> & 15 <sup>th</sup> , February 2022	University RNPC	Department of Physiotherapy	PG Induction Program for the batch 2021-22	Interdepartmental	Induction Programme	17 PG Students	81%
36	17 <sup>th</sup> , February 2022	University RNPC	Department of Physiotherapy	Third year Clinical Induction Program for the batch 2019-20	Interdepartmental	Clinical Induction	50	82%
37	17 <sup>th</sup> , February 2022	University SPDC	Department of Dental Education	Orientation Programm on Competancy Based Dental Education	Interdepartmental	Orientation programme	66	NA
38	8 <sup>th</sup> , February 2022	SAS	Commerce & Management Sciences	How to prepare Synopsis? By Dr. Deepak Sharma	Interdepartmental	Workshop	62	75%
39	9 <sup>th</sup> , February 2022	MGAC	Kayachikitsa	Rasayan&Vajikaran	Departmental	CME	271	75.70 %
40	11 <sup>th</sup> , February 2022	RNPC	Department of Physiotherapy	Necessary preparations for higher studies at UK	Departmental	CME	BPT Interns, and 43 students	85%
41	15 <sup>th</sup> , February 2022	SAS,FEAT	Commerce & Management Sciences, Faculty of	How to write Business Plan? by Dr.	Interdepartmental	Workshop	80	77%

			Science & Technology	Deepak Sharma				
42	22 <sup>nd</sup> , February 2022	RNPC	Musculoskeletal Physiotherapy	Skill enhancement workshop on Upper Extremity Mobilization.	Departmental	Workshop	65	88%
43	23 <sup>rd</sup> , February 2022	RNPC	Department of Physiotherapy	Continuing Physiotherapy Development	Departmental	CME	BPT Interns and 38 students	85%
44	23 <sup>rd</sup> - 25 <sup>th</sup> , February 2022	RNPC	Neurophysiotherapy	Skill enhancement workshop on Brunnstrom, NDT and PNF techniques	Departmental	Workshop	65	88%
45	24 <sup>th</sup> , February 2022	DMMC	Department of Medical Education	A hands on workshop on Self Directed Learning for all the teachers of DMMC Nagpur	Interdepartmental	Workshop	68	72%
46	24 <sup>th</sup> & 25 <sup>th</sup> , February 2022	SRMMC ON	Nursing	National Virtual Conference Integration of Nursing Education And Competency Based Clinical Practices “Need of the Hour”	Interdepartmental	Conference	1144	66.30%
47	26 <sup>th</sup> , February 2022	RNPC	Musculoskeletal	Orientation to research and	Departmental	CME	110	88%

			Physiotherapy	manuscript writing				
48	26 <sup>th</sup> , February 2022	SAS	FoCMS, FoS&T, FoSSH&LA, MHA, MPH, DMIMS Nagpur	Workshop on eQB by Dr. Santosh Jha	Interdepartmental	Workshop	24	60%

### March 2021

Sr. No.	Month / Year	Institutional / College	Department	Name of Activities	Departmental / Interdepartmental / Interdisciplinary	Type of Activity	No. of Participants	ALG
49	March 3 <sup>rd</sup> – 4 <sup>th</sup> , 2022	University RNPC	Department of Physiotherapy	“Fresher’s Induction Program”	Interdepartmental	Induction Programme	61	82%
50	March 15 <sup>th</sup> – 16 <sup>th</sup> , 2022	University MGA C	Department of Agadtantra	PG Induction Program 2022	Interdepartmental	Induction Programme	32	79.17 %
51	March 4 <sup>th</sup> , 2022	RNPC	Department of Physiotherapy	“ADMINISTRATION AND MANAGEMENT IN PHYSIOTHERAPY”	Departmental	CME	45	80%
52	March 7 <sup>th</sup> , 2022	SAS	Science & Technology	Womens Empowerment	departmental	CME	50	NA
53	March 15 <sup>th</sup> , 2022	JNMC	Department of Pharmacology	Webinar on Pragmatic trials	Interdisciplinary	Webinar	150	80.04 %

54	March 22 <sup>nd</sup> , 2022	RNPC	Cardio Respiratory Physiotherapy	Webinar on chest Physiotherapy Management in PICU/NICU	Departmental	Webinar	73	-
55	March 25 <sup>th</sup> , 2022	MGACC	Prasuti Tantra & Striroga	National Conference on Vandhyatva Update 22	Departmental	Conference	122	76.66%
56	March 26 <sup>th</sup> , 2022	RNPC	Department of Cardiovascular and Respiratory Physiotherapy	Workshop on Role of Physiotherapy in Critical Care Unit: A Physiotherapist perspective	Departmental	Workshop	40	82.30%
57	March 29 <sup>th</sup> , 2022	JNMC	Department of Orthopaedics	Basic course on Knee Arthroscopy	Departmental	CME	90	-

### April 2022

Sr. No.	Month / Year	Institutional / College	Department	Name of Activities	Departmental / Interdepartmental / Interdisciplinary	Type of Activity	No. of Participants	ALG
58	April 7 <sup>th</sup> -8 <sup>th</sup> , 2022	JNMC	Community Medicine	World Health day – 2022	Interdepartmental	CME	234	NA
59	April 7 <sup>th</sup> , 2022	SRMMCON	Nursing	Webinar on “Palliative Care: Update” Palliative	Interdepartmental	Webinar	400	NA

				Care Sensitization Program for Nursing Fraternity				
60	April 8 <sup>th</sup> , 2022	SRMMCON	Nursing	“Nursing Informatics : Telehealth and telenursing ”	Interdepartmental	CNE	371	66.30 %

### May 2022

Sr. No.	Month / Year	Institutional / College	Department	Name of Activities	Departmental / Interdepartmental / Interdisciplinary	Type of Activity	No. of Participants	ALG
61	May 2022	JNMC	Anaesthesiology (Preponed )	Perioperative Management of Coagulopathies	April 24 <sup>th</sup> , 2022	CME	460	70.52%
62	MAY 2022	RNPC	PATELLOFEMORAL PAIN SYNDROME	PATELLOFEMORAL PAIN SYNDROME	May 30 <sup>th</sup> , 2022	CME	46	76%

### June- 2022

Sr. No.	Month / Year	Institutional / College	Department	Name of Activities	Departmental / Interdepartmental / Interdisciplinary	Type of Activity	No. of Participants	ALG
63	June 2022	JNMC	Community medicine	Awareness for organ donation	12 <sup>th</sup> June 2022	CME	90	84%

64	June 2022	JNMC	Community medicine	Communication Skills-L1, Computer Skills-L1	13 <sup>th</sup> & 14 <sup>th</sup> June 2022 and 15 <sup>th</sup> & 16 <sup>th</sup> June 2022.	Workshop	61	84%
65	June 2022	JNMC	Physiotherapy	Quiz Competition, LET'S RECOLLECT	13/06/2022	QUIZ	43	NA
66	June 2022	JNMC	Respiratory Medicine	Covid 19 updates	28/06/2022	CME	50	43.5%
67	June 2022	JNMC	Community medicine	Learning Disabilities in Children	12 <sup>th</sup> June 2022,	CME	275	73 %.
68	JUNE 2022	JNMC	Physiotherapy	Webinar and hands on for topic "Postural Drainage"	29/06/2022	Webinar and hands on	55	84.45%

### E.) Faculty Development activities

#### Workshop Conducted by the SHPER (July 2021- June2022)

Sr.No.	Month/Year	Institutional/college	Name of the Department	Name of the Activity Conducted	Type of Activity	Number of Attendees	ALG
1	28-30/07/2021	SHPER	SHPER	Basic Course workshop in HPE	Workshop	27	68.79%
2	24-26/08/2021	SHPER	SHPER	Basic Course	Workshop	21	69.74%

				Workshop ( In house faculty )			
3	2,16,17,23/12/ 2021	SHPER	SHPER	“Orientatio n Program for Workshop on POCO mapping ”	Workshop	58	NA
4	09/12/2021	SHPER	SHPER	“Worksho p on Sensitizati on for PBL/MPB L”	Workshop	47	56.17 %
5	14/12/2021	SHPER	SHPER	“Worksho p on Sensitizati on for ITP”	Workshop	36	54%
6	23/12/2021	SHPER	SHPER	“Worksho p on Sensitizati on for OSCE/OS PE”	Workshop	28	62.50 %
7	29/12/2021	SHPER	SHPER	A workshop on "Orientatio n towards Academic functionin g of University and SHPER"	Workshop	23	63%
8	30/12/2021	SHPER	SHPER	Workshop on “Electives”	Workshop	18	64%

9	February 15 <sup>th</sup> , 2022	SHPER	SHPER	Workshop on “Orientation Program of DMCP Faculty for EQB Preparation”	Workshop	16 Faculties of DMC P	60%
10	March 10 <sup>th</sup> - 12 <sup>th</sup> , 2022	SHPER	SHPER	Workshop on “Basic Course in HPE”	Workshop	40	76%
11	April 26 <sup>th</sup> 2022	SHPER	SHPER	Orientation Programme on Self Directed Learning ( for JNMC)	Orientation Programme	47	62%
12	April 30 <sup>th</sup> , 2022	SHPER	SHPER	Orientation Programme on Self Directed Learning ( for	Orientation Programme	32	63%

**A) TASKS COMPLETED BY THE DEPARTMENTS OF SHPER (JULY 21 TO JUNE 2022)**

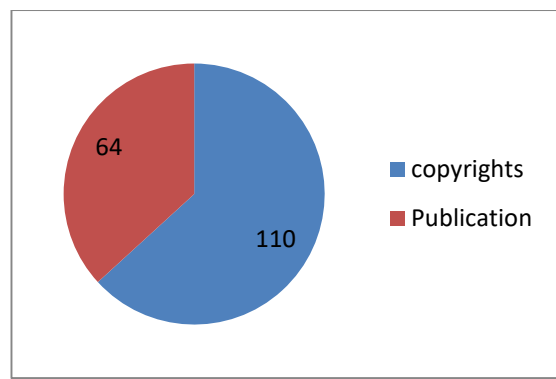
Sr. No.	Department	Target planned for the year
1	a). Curriculum	<p><b>A). Competency based UG Curriculum-</b></p> <ol style="list-style-type: none"> <li>1. Competency based curriculum as per apical council of faculty of <b>Nursing and Ayurveda</b> implemented after desired inclusions.</li> <li>2. CBDE in faculty of dentistry implemented from 2021-22 BDS batch</li> <li>3. Competency based curriculum in faculty of physiotherapy implemented.</li> </ol> <p><b>B). Revision of Curriculum –</b></p> <ol style="list-style-type: none"> <li>1. <b>UG &amp;PG curriculum in the faculty of physiotherapy</b></li> <li>2. <b>UG &amp;PG curriculum in the faculty of AHS courses</b></li> </ol>



		<p><b>C). NEW Curriculum -formation of module for CERTIFICATE COURSE in</b></p> <p>a)Curriculum design &amp;</p> <p>b) Program evaluation</p>
		<p><b>D). Validation of new curriculum in various faculty</b></p>
		<ul style="list-style-type: none"> <li>• Validation of <b>Ayurved PG Curriculum</b> <ol style="list-style-type: none"> <li>1. P.G Degree course in -           <ol style="list-style-type: none"> <li>a) Shalakyatantra&amp;</li> <li>b) PrasutievamStriRoga</li> </ol> </li> <li>2. P.G Diploma course in           <ol style="list-style-type: none"> <li>a) Ksharkarma</li> <li>b) Ayurveda Pharmaceutics –Rasashastra&amp;Bhaishajyakalpana,</li> <li>c) Cosmetology &amp; Skin Disease</li> </ol> </li> </ol> </li> </ul>
5		<ul style="list-style-type: none"> <li>• <u>Validation of Curriculum of Certificate Courses in Ayurveda</u> <ol style="list-style-type: none"> <li>a) Panchkarma technician</li> <li>b) Ayurvedic Nutrition</li> <li>c) Garbhasanskar</li> <li>d) Yoga &amp; Naturopathy</li> <li>e) Introduction to Ayurveda</li> </ol> </li> </ul>
6		<ul style="list-style-type: none"> <li>• Validation of a Competency based Fellowship Curriculum for Fellowship in Endoscopic sinus Surgery and skull base surgery.</li> </ul>
7		<ul style="list-style-type: none"> <li>• Validation of Curriculum of New Courses in the School of Allied Health Sciences.</li> </ul>
8		<ul style="list-style-type: none"> <li>• Validation of the Curriculum of New course named Certificate Course for Nurses (ACE Course)</li> </ul>
9.	<b>b). Teaching - learning</b>	<ul style="list-style-type: none"> <li>• Validation of the LRM of School of Allied Sciences</li> </ul>
10.		<ul style="list-style-type: none"> <li>• Conducted workshops for new teaching learning methods for faculties.</li> </ul>
11	<b>c). Assessments &amp; Evaluation</b>	<ul style="list-style-type: none"> <li>• Conduction of Meeting regarding PO-PSO-CO with HOIs &amp; Convener of Education Unit of JNMC/SPDC/MGAC/RNPC/SRMMCON/DMCP/FEAT/School of Allied Sciences.</li> </ul>

12		<ul style="list-style-type: none"> <li>Plan for POCO mapping in the software for JNMC/SPDC/MGAC/RNPC/SRMMCON/DMCP</li> </ul>
13		<ul style="list-style-type: none"> <li>Validation of eQB of B.Pharm first semester</li> </ul>
14		<ul style="list-style-type: none"> <li>Validation of Self DefenceModule .</li> </ul>
15		<ul style="list-style-type: none"> <li>Workshop on “POCO mapping” reorientation for JNMC</li> </ul>
16		<ul style="list-style-type: none"> <li>Validation of the EQB from the students</li> </ul>
17.		<ul style="list-style-type: none"> <li>Plan for mapping CO- competencies – secondary templates for attainment.</li> </ul>
18.	<b>Educational research</b>	<ul style="list-style-type: none"> <li>Identification of Copyrights &amp; research projects done in various department is completed.</li> </ul>

#### **STATUS OF PUBLICATION / COPYRIGHT**



Received acknowledgement of policy document on benchmarking by Director IQAC, KIMSDU KARAD on dated – march 29<sup>th</sup>, 2022



# School of Epidemiology and Public Health

Hon. Director, Dr. Abhay Gaidhane

## VISION AND MISSION

The school was established in 2019 with the **VISION** of school is to be the leader in epidemiology and public health education, research community interventions with local impact and global significance. The **MISSION** of school is to prepare leaders in epidemiology, public health science and practice. Create and sustain a thriving ‘Academic Community’ environment that embraces diversity in expertise and interests in public health and related issues.

**OBJECTIVES** of school are:

1. Develop and run globally competitive & practice-based programs with focus on Epidemiology and public health (*Masters, Doctoral, Post-Doc*)
2. Promote & undertake collaborative, interdisciplinary epidemiological research.
3. Evidence synthesis & repositories to guide policies & programs
4. Develop local, National, and Global partnerships
5. Care, nurture and empower individuals and communities to live better lives by developing evidence-based models / programs for promotive, preventive and referral care services

## DIVISIONS:

The School of Epidemiology and Public Health has **FIVE divisions** as under:



Divisions of SEPH

## ACADEMIC PROGRAMS

The school runs following academic programs:

### 1. Master of Public Health (MPH):

MPH is a two-year program (four semesters), under faculty of Medicine. The program runs in two modes

- Full time / regular mode – with annual intake capacity of 30.
- Integrated program – with an intake capacity of 130. Admission to integrated course happens in July and January.

At present the school has 35 full time students and 210 students in the integrated modes.

### 2. PhD in Epidemiology:

SEPH offers PhD program in epidemiology and at present four students are enrolled in PhD Program in Epidemiology. One student Dr. Preeti Kogde, MPH, is conferred with PhD in Conocation-2022

## TRAINING AND WORKSHOPS / CPDS:

The school periodically organizes CPDs for students and faculty. Alumni, Adjunct faculty, and experts in the field of public health from India and abroad are invited for the CPDs and workshop quarterly. In the academic year 2021-22, the school organizes four workshops on following themes

1. Mental Health in COVID – 19 pandemics
2. Evidence synthesis
3. Research Methodology
4. Measurement of change
5. Routine Immunization- Monitoring and Evaluation
6. Health Communication in TV and print media.

## RESEARCH AND CONSULTANCY:

The school has six ongoing **Extramural Research Projects:**

1. Effectiveness of Community based Parenting Program in improving cognitive development of rural children in Maharashtra. The project is funded by Indian Council of Medical Research (ICMR)
2. 3rd WHO contract for South East Asia member countries (INR 49.95 lakhs). It will be a policy making document which will be used for National Guidelines by regulatory bodies of SE countries for young children (6 to 36 months)
3. New Generation Innovation and Entrepreneurship Development Centre - Health Technology, funded by Entrepreneurship Development Center, Ahmedabad, Dept. of Science and Technology, Government of India
4. Characterization of CCF (nutrient composition, labelling including claims) in selected countries in SEAR, funded by World Health Organization, SEARO, New Delhi.
5. Mental Health status of Covid Warriors funded by Indian Council of Social Science and Research, Government of India

6. TemMed - Biomedical Device to improve adherence of TB patients, funded by Indian Institute of Public Health, Gandhinagar, Gujarat
7. Burden of Soil Transmitted Helminths in Pregnant women in selected states in India, funded under the Public Health Research Initiative of Public Health Foundation of India.
- 8.



**World Health Organization**

**COVERING LETTER  
LETTRE D'ACCOMPAGNEMENT**

**GLOBAL  
PROCUREMENT AND  
LOGISTICS**

Global Service Centre  
Block 3510  
Jalan Teknokrat 6  
63000 Cyberjaya  
MALAYSIA  
[gsc-procurement@who.int](mailto:gsc-procurement@who.int)

**WHO Reference/ Référence OMS**

WHO Registration	2022/1221952-0
Purchase Order	202833551
Unit Reference	HPN/NHD

Dr Abhay M Gaidhane/Dr S Z Quazi  
DATTA MEGHE INSTITUTE OF MEDICAL  
SCIENCES  
WARDHA  
South Asia Infant Feeding Research Network, DMIMS DU  
Sawangi (Meghe)  
Wardha  
Maharashtra  
442017  
India

**AGREEMENT FOR PERFORMANCE OF WORK (APW)**

**Re: Datta Meghe Institute of Medical Sciences: Development of a nutrient profile model to benchmark complementary foods for young children in WHO South-East Asia Region; 21 March - 20 December 2022**

We are enclosing the Agreement for Performance of Work between the World Health Organization and DATTA MEGHE INSTITUTE OF MEDICAL SCIENCES, WARDHA, in the amount of INR 4,995,492.00 (Four Million Nine Hundred Ninety-Five Thousand Four Hundred Ninety-Two), for conducting the above-mentioned work. We also enclosed two attachment(s) referenced in the Agreement.

Kindly acknowledge your acceptance of this contract by returning the email with a copy of duly signed Purchase Order (all pages).

For any technical questions relating to this Agreement, please contact the responsible technical officer, Padmini Angela DE SILVA, +94112555653, [desilvap@who.int](mailto:desilvap@who.int).

**Invoicing Instructions for Contractors who are legal entities (Company Contractors):**

Invoices must be sent via email to [accountspayable@who.int](mailto:accountspayable@who.int). Other than invoices, please do not send any enquiry to this email address. You may contact the above responsible technical officer for enquiries.

In order to ensure timely and accurate payment, invoices must include:

- Invoice number
- Purchase Order number against each invoice line;
- Invoice descriptions matching with PO descriptions
- Invoice currency same as the Purchase Order Currency also corresponding with the currency of the bank account provided to WHO;
- Supplier name as in the PO

Invoices shall be clearly readable and stamps or any other additional markings should not obscure the original invoice content. Invoices shall not be handwritten.

On behalf of the World Health Organization, we would like to thank you for your collaboration.

WHO Global Service Centre

School offered **consultancy services** in the form of capacity building programs and trainings.

1. SEPH jointly with directorate of research organize the coursework in research methodology for doctoral scholars
2. Organized / contributed to the workshop on research methodology for
  - a. Kurukshetra University – for Ph.D. Scholars in Faculty of Ayurveda
  - b. Uttaranchal Dental and Medical Research Institute

## CURRENT ACTIVE COLLABORATIONS:



## PUBLICATIONS:

The school has around 30 publications in high impact peer reviewed journals to its credit in the year 2021 – 22 (till date). The faculty has contributed to six Global Burden of Disease studies which are published in the prestigious LANCET Journal. The detail list of publications is as under:

1. Role of Art Therapy in the Promotion of Mental Health: A Critical Review A Shukla, SG Choudhari, AM Gaidhane, ZQ Syed - Cureus, 2022
2. Age–sex differences in the global burden of lower respiratory infections and risk factors, 1990–2019: results from the Global Burden of Disease Study 2019. HH Kyu, A Vongpradith, SB Sirota, A Novotney... - **The Lancet Infectious Diseases**, 2022
3. ‘Digital Wellbeing’: The Need of the Hour in Today’s Digitalized and Technology Driven World! NM Thomas, SG Choudhari, AM Gaidhane, ZQ Syed - Cureus, 2022
4. The burden of soil-transmitted helminths infections among pregnant women in Maharashtra and Rajasthan states of India. A Gaidhane, V Kirti, P Bharadawaj, S Gaidhane... - Journal of Family Medicine and Primary Care, 2022
5. Awareness Regarding Antimicrobial Use and Antimicrobial Resistance among Health Care Professionals and Lay Persons
6. T Turankar, SA Gaidhane, PA Karadbhajane... - Journal of Evolution of Medical and Dental Sciences, 2022
7. Awareness Regarding Antimicrobial Use and Antimicrobial Resistance among Health Care Professionals and Lay Persons
8. T Turankar, SA Gaidhane, PA Karadbhajane... - Journal of Evolution of Medical and Dental Sciences, 2022.
9. Awareness Regarding Antimicrobial Use and Antimicrobial Resistance among Health Care Professionals and Lay Persons. E Cousin, BB Duncan, C Stein, KL Ong, T Vos... - **The Lancet diabetes & endocrinology**, 2022

10. Effectiveness of family-centered program for enhancing competencies of responsive parenting among caregivers for early childhood development in rural India. A Gaidhane, S Telrandhe, P Holding, M Patil... - *Acta Psychologica*, 2022
11. Health-Related Quality of Life (HRQoL) of Patients with Tuberculosis: A Review  
S Yasobant, M Nazli Khatib, ZQ Syed, AM Gaidhane... - *Infectious Disease Reports*, 2022
12. Gaps and Interventions across the Diagnostic Care Cascade of TB Patients at the Level of Patient, Community and Health System: A Qualitative Review of the Literature. HD Shah, M Nazli Khatib, ZQ Syed, AM Gaidhane... - *Tropical Medicine and Infectious Disease*, 2022
13. Effectiveness of Play Therapy Programme in Promoting Early Child Development of under-5 Children visiting Tertiary Care Hospital in Rural Settings: Study Protocol of A Randomized Controlled Trial. MS Patil, AM Gaidhane, SZ Quazi - 2022
14. Global, regional, and national burden of hepatitis B, 1990–2019: a systematic analysis for the Global Burden of Disease Study 2019. BS Sheena, L Hiebert, H Han, H Ippolito... - *The Lancet Gastroenterology & Hepatology*, 2022
15. COVID-19 and Early Childhood Development in Rural India. S Balasubramaniam, A Gaidhane, Q Zahiruddin... - *Pediatrics*, 2022
16. Study Protocol for Process Evaluation of Health and Wellness Center Programme in Bhandara District of Maharashtra
17. P Uikey, A Gaidhane, SZ Quazi, SM Ambekar - *Journal of Pharmaceutical Research International*, 2021
18. ‘Menstruation Awareness Activities’ for Improving the Knowledge, Awareness and Practices Regarding Menstrual Hygiene among Adolescent Girls: A Study Protocol A Gaidhane, S Choudhari, S Dakhode, N Jhadi - *Journal of Pharmaceutical Research International*, 2021
19. GBD 2019 HIV Collaborators - Jahagirdar D, Walters MK, Novotney A, Brewer ED, Frank TD, Carter A, **Gaidhane Abhay, Choudhari S. et al.** Global, regional, and national sex-specific burden and control of the HIV epidemic, 1990–2019, for 204 countries and territories: the Global Burden of Diseases Study 2019. *The Lancet HIV*. 2021; 8(10):e633-e51.
20. GBD 2019 Blindness and Vision Impairment Collaborators. Burne R, Steinmetz JD, Flaxman S, Briant PS, Taylor HR, Resnikoff S, **Gaidhane Abhay, Gaidhane S et al.** Trends in prevalence of blindness and distance and near vision impairment over 30 years: an analysis for the Global Burden of Disease Study. *The Lancet Global Health*. 2021;9(2):e130-e43
21. Patel M., Bhardwa P., Saxena D., Joshi N., Kumar N., Kuldeep Singh K., **Gaidhane A., Quazi S.Z., Jain Y.** Public Health News Appraisal: An Approach to Content Analysis of News Article on Public Health. *Ann Natl Acad Med Sci (India)* 2021;00:1–7
22. GBD 2019 Hearing loss Collaborators. Haile LM, Kamenov K, Briant PS, Orji AU, Steinmetz JD, Abdoli A... **Gaidhane A Quazi SZ.** Hearing loss prevalence and years lived with disability, 1990– 2019: findings from the Global Burden of Disease Study 2019. *The Lancet*. 2021; 397(10278): 996 – 1009.
23. Mithra P, Khatib MN, Sinha AP, Kumar N, Holla R, Unnikrishnan B, Vijayamma R, Nair N.S., **Gaidhane A, Quazi SZ.** Interventions for Addressing Anemia among Children and Adolescents: An Overview of Systematic Reviews. *Frontiers in Pediatrics*. 2021;8(961) doi: 10.3389/fped.2020.549549
24. Komal Shah, Deepika Singhal, Ashka Patel, Binita Gadhavi, Jay Karan, **Abhay Gaidhane, Deepak B Saxena.** Dry eye Disease during COVID-19: Need for Investment into Research to Develop Solutions? *Indian Journal of Forensic Medicine & Toxicology*. 2021; 15(1), 409-412. <https://doi.org/10.37506/ijfimt.v15i1.13441>
25. Quazi SZ, Patil M, Mishra G, **Gaidhane A.** COVID 19 One Health Approach. *The Open Public Health Journal*. 2021;14(S-1, M1): 116-117
26. Lalwani L, Mishra M, **Gaidhane A, Nazli Quazi,** Taksande A. Chest Physiotherapy in Patients Admitted to the Intensive Care Unit with COVID-19: A Review. *The Open Public Health Journal*. 2021;14(S1M6):145-148



27. Chhablani N1, Choudhari SG, **Gaidhane AM, Quazi S.Z.** Revisiting Organ Donation – Voyage from Death, Donation, Transportation to Organ Transplantation. International Journal of Current Research and Review. 2021; 13(10):147-150.
28. Karadbhajne P, Tambekar A, **Gaidhane A**, Quazi SZ, Gaidhane S, Patil M. Ancylostoma duodenale and Ascaris lumbricoides Mixed Infection in Pregnant Woman in Maharashtra Journal of University of Shanghai for Science and Technology. 2021; 23(1): 344-351

**IPR:**

**Patents:**

School has two patents to its credits for biomedical devices, including one international patent

**Copyright:**

School has six copyright on modules on early child development for the frontline health workers / volunteers

**COLLABORATIONS:**

The school has National and International Collaboration active in the field of research, student, and faculty exchange. To name few,

1. Public Health Foundation of India, New Delhi
  2. Indian Institute of Public Health, Gandhinagar
  3. University of Sheffield, UK
  4. University of Sydney, Australia
  5. Liverpool John Moors University, UK
- The school is part of the following three consortium

1. South Asia Infant Feeding Research Network (SAIFRN)
2. Global Consortium for Public Health Research
3. Global Evidence Synthesis Initiative (GESI)

4. ADJUNCT FACULTY:

Prof Deepak Saxena, IIPHG, Gujarat	Advance Epidemiology and Health Technology Assessment (HTA), Research Projects
Dr Archana Patel, LMRF Nagpur	Maternal and Child Health, ECD, Field intervention projects and trials
Dr. Sandul Yasobant	Global Center of One Health, University of Bonn, has been appointed as adjunct faculty for the <b>Division of One Health</b>
Dr Sanjay Zodpey, PHFI New Delhi	Public Health Leadership and workforce, Health management, Advance research methodology
Dr Soman Shah, IIPHG	Health policy / financing & research projects on HTA
Dr Padam Simkhada, Liverpool JM, UK	Evidence synthesis & Scoping review
Dr Penny Holding, UK	ECD and behavioural intervention Research Projects

## AWARDS AND RECOGNITION:

1. MPH student Dr. Fatima Hasan (batch July 2021) cleared Round 1 and Round 2 of Spirituality in Research-Yopund Investigator award.
2. One faculty and 15 MPH students of 2020, 2021 batches completed the Swayam course on Research Methodology by NIE Chennai
3. Dr. Abhay Gaidhane - Participated as a faculty in international Webinar on Measurement for Change
4. Dr. Quazi Syed Zahiruddin and Dr. Abhay Gaidhane participated as a panelist at the International Panel Discussion on review of series recently published in Frontiers of Public Health
5. **ICMR- NIREH Workshop-** 2 MPH students (Dr. Neha Gurbani, Ms Akanksha Likhar) Batch- Jun2020, got selected and successfully completed ICMR-NIREH funded workshop on WASH at Bhopal in April 2022



## NOTABLE FEATURES:

- Placement – MPH Alumni are placed in various position from corporates (TCS, pharma company etc), NGOs (Mahan, SEARCH etc), Government (NHM – district coordinator and state coordinators, National level consultant)
- Placement is primarily in Maharashtra, Chhattisgarh, New Delhi and other parts of country
- Three patents (One international)
- Three copyrights
- Four MPH alumni – registered for PhD in epidemiology
- Publications – June 2021 –to July 2022= 21 (Around 30 and 5 in Q1 journals) Till date four articles in LANCET

#### **4. Centre of Excellence for Evidence based Nursing**

**Hon. Director, Dr. Seema Singh**

Evidence-based nursing (EBN) is an approach to making quality decisions and providing nursing care based upon personal clinical expertise in combination with the most current, relevant research. The goal of EBN is to improve the health and safety of patients while also providing care in a cost-effective manner to improve the outcomes for both the patient and the healthcare system.

##### **Vision**

The Centre envisages the new standard of professional nursing, in providing safe, high-quality patient and family centered care.

##### **Mission**

Evidence based nursing provides evidence based information for nurses to deliver effective and efficient patient care based on the best research resolve trouble in the clinical setting; accomplish brilliance in care delivery, even beyond quality assurance principles; and to introduce modernization with humanity to serve society.

##### **Objective aligned with core values of NAAC**

- To provide the high quality, cost effective and efficient nursing care.
- To advance the quality of care provided by nurses.
- To transform the nursing practice from habits and tradition to evidence and research.
- To develop, promote, and coordinate programs through national/international collaboration on evidence based nursing.
- To develop educational materials for facilitating workshops to promote evidence based nursing.

##### **New Team**

<b>Sr. No.</b>	<b>Team Members</b>	<b>Task assigned</b>
	Dr. Seema Singh	Honorary Director
2	Ms. Sapna Morey	Secretary
3	Ms. Ruchira ankar	Research
4		Fellowship
5	Dr. Deepalata Mendhe	Community Health Nursing
6	Ms. Vaishali Taksande	OBGY
7.	Ms. Sonali Kohelkar	Child Health Nursing
8.	Ms. Tripti Uke	Mental Health Nursing
9.	Ms. Samrudhi	Medical Surgical Nursing

## Research Projects

Sr. No.	Titles	Outcome	Compliance
1	Application of Modified Lowa model evidence Based Practice on Trauma care nurses regarding head injury.	Completed	Publication done
2	Evidence generating pertaining standard nursing protocol on nasogastric tube feeding among staff nurse	Completed	Publication done
3	Assess the effectiveness of new protocol on endotracheal tube suction among ICU staff nurses	Completed	Paper presentation and Publication done

### Publication:

- 3 copyright send
- Procedure book send to Elsevier's publication for further processing
- 3 publications done.

### Academic:

- Fellowship in Evidence Based Nursing. 2021-22- No students

### Clinical Aspects

- Implementation of 220 procedures completed.

Sr. No.	Heading	Target set	Target met
1.	<b>Creation of new knowledge</b>	One new pragmatic trial initiation. RCTs initiation	Two pragmatic trials [pRCT] and 5 RCTs initiated
2.	<b>Dissemination of the new knowledge</b>	CME on pragmatic clinical trials  Scientific activity on PRECIS -2 tool in clinical trials	CME was conducted Interdisciplinary Webinar on Pragmatic trials  Scientific activity on PRECIS 2 tool is planned to be conducted in October 22
3.	<b>Preservation of the new knowledge in the identified areas</b>	Building the concept of excellence through the disseminative focused learning Patent	a copy right is obtained for disseminative focused learning Atiresoptive herbal drug with mineral rich antioxidants for the treatment of osteoporosis patent granted from Australian patent agency

4.	<b>Contribution to national cause through the thrust and major thematic areas</b>	Osteoporosis	One reverse pharmacology trial in the area of osteoporosis completed larger study will be initiated in the coming year
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**5. Center of Excellence for Therapy Evaluation and Interdisciplinary Research**

**Hon. Director: Dr. S.S. Patel**

Centre of Excellence for Pre-Clinical Safety & Efficacy Studies, Inter-Disciplinary Research and Therapy Evaluation Division of RCT and Pragmatic Trials

**6. Centre of Excellence of AROGYA Setu**

**Hon. Director: Dr. Abhyudaya Meghe**

**VISION:**

“To Foster Sustainable Health Care for Local Community”

**MISSION:**

Bridging the gap between tertiary care centre (AVBRH) and local community by developing, Implementing and promoting the relevant health care services.

**Aim & Objectives:**

To preserve, sustain and enhance practices towards effective holistic health care delivery for local population by bringing “hospital to home and taking home to hospital” through suitably catering to

- 1. Community Health Care Innovations**
- 2. Clinical Health Care Innovations so as to achieve Promotion of Health; Prevention, Early Diagnosis, Care and Cure for disease.**

**01 July 2021 to 30 June 2022**

❖ **Arogya Rath: - Project for SAR Service of Arogya Rath. Community health bus services**

❖ **providing accessibility to hospital**

Providing an access to the marginalized population to avail health services the university provides 09 buses on 9 routes covering the population of approx. 2 lacs people. Total no 82001 patients were benefited under this scheme

❖ **Arogya Insurance Scheme :- Redefining health affordability for marginalized populace**

**Family Health Card**

<b>Total No. of families enrolled</b>	<b>Total Beneficiaries</b>
<b>29358</b>	<b>13865</b>

Sr. No.	Name of the Centre of Excellence	Any deviation in Targets Planned for the Year Vs. Targets Achieved. With reasons for Deviation	Any ICT-related issue	Salient Activities conducted in the Year
5	Centre of Excellence for Pre-Clinical Safety and Efficacy Studies, Inter-Disciplinary Research and Therapy Evaluation	No	No	<p><b>Summary Report: Reverse Pharmacology</b>            Total 5 synopsis submitted on Reverse Pharmacology by Ph.D. Scholars of Rasashastra &amp; Agadtantra and all received DRC recognition.            One protocol on Reverse Pharmacology synopsis is published and one protocol is submitted for publication.            One Copy right is submitted on Reverse Pharmacology synopsis.            Draft of Certificate course on Reverse Pharmacology is prepared and Certificate course will be initiated from 15 September 2022 with intake capacity of 10 admissions.            National Webinar on Reverse Pharmacology is conducted on 22<sup>nd</sup> July 2022 with 134 participants.</p> <p><b>Summary Report: Reverse Pharmacology</b>            Total 7 synopses submitted on preclinical study by PhD Scholars and 3 received DRC recognition DRC for 4 is pending.            Certificate course in Animal Handling for first batch of 20 students conducted successfully. Next batch is planned from September Second week.            15 preclinical studies completed out of which 9 were consultancy projects (Total amount INR 5, 32,000/-) and 6 were in house projects.            Currently 4 preclinical studies are in progress.            Total 52 preclinical studies were approved by IAEC.            Total revenue generation by animal trading for research is 46,800/-            Four research papers are under review.            8 Intramural projects approved and will be initiated within a month.</p>

❖ **DMIMS Employee Health Care Scheme**

Total staff families enrolled	Total Beneficiaries
6,469	2656

❖ **Cohort Scheme of AVBRH –**

<b>Total Patients enrolled</b>	<b>Total patients who benefited at OPD</b>	<b>Total patients who benefited at IPD</b>
<b>1596</b>	<b>5756</b>	<b>1325</b>

Concession of Rs. 2757073 availed by beneficiaries of Cohort scheme.

❖ **DENTAL COHORT CARD**

**Total patients enrolled Cohort Card -731**

**Total patients who took benefit – 171**

❖ **Suman Card : Redefining health affordability for marginalized antenatal women**

<b>Total ANC women Insured</b>	<b>Total ANC who availed benefit</b>	<b>Total delivery's at AVBRH</b>
<b>2590</b>	<b>2490</b>	<b>1564</b>

❖ **Datta Sagar Apulki Yojana**

	<b>Total families enrolled</b>	<b>Total Beneficiaries at AVBRH</b>	
		<b>OPD</b>	<b>IPD</b>
<b>Rural</b>	<b>14846</b>	<b>6466</b>	<b>925</b>
<b>Urban</b>	<b>4568</b>	<b>128</b>	<b>75</b>

❖ **Arogya Setu Kendra:- Building the health referrals system, peripheral health centre for basic curative services and referral services for bridging the gap between Meghe group of hospital and surrounding community.**

<b>Centre</b>	<b>Total patients benefited</b>	<b>Total Referred Patient</b>	<b>Reported to AVBRH</b>
<b>Deoli</b>	<b>12910</b>	<b>1346</b>	<b>639</b>
<b>Seloo</b>	<b>12952</b>	<b>1120</b>	<b>622</b>
<b>Arvinaka</b>	<b>17089</b>	<b>2689</b>	<b>1393</b>
<b>Sindhi(Rly)</b>	<b>1196</b>	<b>105</b>	<b>00</b>
<b>CAD Pulgoan</b>	<b>528</b>	<b>33</b>	<b>10</b>
<b>Khadki</b>	<b>285</b>	<b>28</b>	<b>01</b>

❖ **Health Camps: - Multispecialty and diagnostic camps in the community and referral services for the needy population & Pre decided Specialty camps in the community and referral services for the needy population .**

Total No of camp held	No of patient Enrolled	Referred Patient	Reported to AVBRH/SPDC/MGAC
51 (AVBRH)	37412	8086	3053
46 ( MGAC)	7052	1320	631
43 (SPDC)	837	296	126
07 (Physiotherapy)	278	73	26

**Concession of Rs. 9752098 availed by beneficiaries of camps.**

- ❖ **3 day Adhar:** - Promoting health through screening of dependent community. Free of cost holistic health care for the marginalized rural population.  
Total 2009 patients were benefitted under this scheme
- ❖ **1 day Adhar:-** Free of cost holistic health care for the marginalized rural population.  
Total 3801 patients were benefitted under this scheme.
- ❖ **Geriatric** – Free holistic health care for the elderly population.  
Total beneficiaries under scheme 765  
**Suwarnaprash** – Suwarnaprash immunity boosting formula for 0 – 14 years age. Program Implemented at 12 centers.  
Total no of 1010 children’s were benefitted under this scheme.
- ❖ **Jivan Rakshak** – Total no of 663 OPD patients & relative were given CPR training under Jivan Rakshak scheme. Two trainees were ask to perform CPR & review their relatives save live.
- ❖ **Project CPC Palliative care** – At most care of terminally ill patients, total beneficiaries under this scheme 2013

#### **Camp Concession Summary from Jul-21 to Jun-22**

**Hence reducing our pocket expenditure for rural and tribal communities thereby preventing them from catastrophic health expenditure and debts from going below poverty line.**

#### **Cohort Concession Summary from Jul-21 to Jun22**

PACKAGE NAME	IPD			OPD		
	No. of Patient	Gross	Conc	No. of Patient	Gross	Conc
COHORT ARTHRITIS	517	1136006	1084875	881	157920	92700
COHORT CARDIAC SCREENING (IHD)	6	31343	6705	27	21376	9586
COHORT DIABETIS FOOT/WOUND CARE	1	6685	3186	4	575	0



PACKAGE NAME	IPD			OPD			
	No. of Patient	Gross	Conc	No. of Patient	Gross	Conc	
CANCER WARRIOR CAMP	4	31156	27912				
COMMUNITY CAMP				2	3116	1558	
EXAM CAMP	1132	6621861	5673714	783	684030	513346	
GFC-2021 CAMP	65	444955	75895	389	390447	94366	
IVF SPECIALITY CAMP				65	154880	47160	
KIDNEY CARE CAMP				34	16405	5152	
MAMMOGRAPHY CAMP				185	13030	13030	
MEDICINE CAMP	680	2765188	2100987	7	4140	1780	
NEUROLOGY CAMP				1	310	0	
ONE DAY ADHAR CAMP	5	11578	1290	1662	1296291	1194716	
ORAL CANCER CAMP	1	5051	121	12	2165	1071	
<b>Grand Total</b>	<b>1887</b>	<b>9879789</b>	<b>7879919</b>	<b>3140</b>	<b>2564814</b>	<b>1872179</b>	
COHORT KIDNEY CARE		196	451811	243896	185	60592	17190
COHORT LOWER LUMBAR BACKACHE		5	42476	7423	18	6655	1885
COHORT MADHUMEH		63	137045	104197	410	82430	47530
COHORT MANASI		133	509291	373980	190	50215	18870
COHORT PCOD CARE		3	4966	4286	9	9565	2215
COHORT RESPIRATORY		214	500090	475132	328	62785	36100
COHORT SICKLE/THALESSEMIA CARE					1	275	275
COHORT SKIN CARD		86	284916	202803	165	31320	11545
COHORT SWAWLAMBI		4	12670	6392	17	3225	1925
COHORT VERTIGO CARE		5	4977	4377	6	600	0
<b>Grand Total</b>		<b>1233</b>	<b>3122276</b>	<b>2517252</b>	<b>2241</b>	<b>487533</b>	<b>239821</b>

Hence reducing our pocket expenditure for rural and tribal communities thereby preventing them from catastrophic health expenditure and debts from going below poverty line.

**OPD & IPD department wise beneficiaries FROM JUL-21 TO JUN-22**

DEPT	COHORT		DMIMS CARD		FAMILY CARD	
	IPD	OPD	IPD	OPD	IPD	OPD
MON			9	25	16	238
CAS		35		75		69
CC				1	3	
CRD			26	176	36	271
CVT				24		715
DER	94	360	8	991	6	1084
EMD	9	61	631	1960	454	1025
ENT	5	9	16	513	62	1308
GTE			13	308	19	551
GYN	4	33	194	1887	215	1829
IR			43	69	93	184
MED	163	2174	850	6326	502	4099
NEO			39	39	14	32
NEP	106		1	31	6	11
NEU			24	163	47	22
NUR			21	132	69	253
OMS			1	2	21	4
OPH	1	8	90	717	97	1603
ORT	543	1614	85	1954	215	4029
PDS				1		1
PED	9	45	120	888	196	935
PHT						6
PSY	138	644	14	142	15	466
RES	232	571	11	96	19	274
RON			1	18	3	113
SON			2	18	11	236
SUR	7	16	75	590	243	2095
URO			21	104	78	44
<b>Grand Total</b>	<b>1311</b>	<b>5570</b>	<b>2295</b>	<b>17250</b>	<b>2440</b>	<b>21497</b>

**7. Centre for Regenerative Medicine**

Director: Dr. Sandeep Shrivastava;  
Assistant Director: Dr. Aditya Pundkar & Dr. B. Biswa,  
Clinical staff: Sr. Sujata.

The Centre of Regenerative Medicine is a Centre of Excellence, established under DMIMS, DU.

It is also recognized as Centre of Excellence by DiponEd intel, a leading Bio-Pharma company, who is its Industrial Partner as well.

It is functional since 2015 and was previously named as Centre for Autologous Platelet-rich Plasma.

The centre works with Vision to “Translate health care with the Biologics”.

In the period between 1st July 2021-30<sup>th</sup> June 2022, the centre undertook following activities.

<b>Area</b>	<b>Addressed cause</b>	<b>Outcomes</b>
Research	Creation of new knowledge	1 Ph.D. on MCL injuries treatment with PRP. 5 Major Projects are underway including on Induced Angiogenesis, Chondrogenesis, Osteogenesis and other tissue regeneration. 1 was completed on wound healing. An intramural grant was provided to 2 projects.
Academics	Preservation of knowledge	PhD in Regenerative Medicine is started. Fellowship and certificate Program is continuing in association with DRIM, the education wing of Industrial Partner- DiponED.
Publication & IPR	Dissemination of knowledge	8 Publications 1 book and 1 Copyright is already published.
Conferences/ Webinar/ Seminars/ CME and Dissemination		15 Presentations at different forums Including 8 International were done including at World wound congress, Global regenerative meet, , Tissue and regenerative medicine Conferences & Indian Orthopaedic association.
Clinical & community services	Contribution to National cause in Health care	Regenerative PRP clinics is conducted all weekdays for wound healing, fracture healing, Osteoarthritis, infertility treatment, Hair regenerations etc. Nearly 500 Patients benefitted.
Resource Development	Capacity Building	Labs: PRP and Bone Marrow Aspirate Conc. Cyto Genetics is in progress HR: Dr Biswa. Cyto genetics Scientist, with PhD and USA experience, is recruited- The centre shifted and expanded to new location.
	Visit of Dignitaries	The centre was visited by Hon. NMC UG Chairman Dr. Aruna Vanikar who also delivered a lecture in the workshop conducted.

Collaboration		<p>MOU with DiponEd Bio Intelligence LLP (since 5<sup>th</sup>September, 2018).</p> <p>Activities:</p> <p>A) Collaborative Research Projects Wound healing</p> <p>a. Endometrial Regeneration</p> <p>B) Educational Program (DRIM) – 1yr – onlinecollaborative course.</p> <p>C) Clinical Partnership ; Developed Precision Medicine Development.</p> <p><b>B. Newer Initiative in Pipeline:</b></p> <p>1. S.C.S.G &amp; RML National law university, Lucknow: for starting collaborative academicInitiative</p> <p>2. Regional Blood Centre, Surat.</p>
Awards Faculty	4	<p>International: Lords of Planet Award</p> <p>2 Lifetime research and Scientist Awards.PG students – 3 state level awards.</p> <p>UG student: 2 international awards</p>
Keynote Presentation		<p>17 Keynote Address</p> <p><b>Webinars: (2020-21)</b></p> <p>ISCG ,AIIMS RAIPUR, Tissue engineering and regenerative Medicine 2021, International Conference. Key Speakerfor the 2<sup>nd</sup> Global Term</p> <p>-April webinar on - PRP in complex wound management organized by Enliven Archie's, Publication.</p> <p>- Key speaker for webinar withDiponEd: PRP as rejuvenation Therapy.</p> <p>-Key Note:</p> <p>Diabetes Care Conference- 24thAugust2020</p> <p>-Key speaker for Tissue engineering and regenerative Medicine Conference, USA– 9thSept 2020</p> <p>-A1MP-Oct,</p> <p>-DOACON-Nov,</p> <p>-ISCSG Lucknow – Dec</p> <p>02-Awards 02 National Orations</p> <p>09 Guest Lectures</p>

Any Other: - Clinical Services Beneficiaries- Wound/Fracture/OA/Hair/Tendopathy Approx 500 sessions.

**Report of 13<sup>th</sup> Ceremonial Convocation of**  
**Datta Meghe Institute of Medical Sciences (Deemed to be University)**  
**Held on 7<sup>th</sup> June, 2022**

The 13<sup>th</sup> Ceremonial Convocation of Datta Meghe Institute of Medical Sciences (Deemed to be University) was held on 7<sup>th</sup> June, 2022 3.30 pm. It was streamed live also through Facebook/ Youtube which was watched by faculties, students and their parents.

Hon'ble Chancellor Shri Dattaji Meghe presided over the convocation ceremony. Hon'ble Governor, Maharashtra State His Excellency, Shri Bhagatsingh Koshiyari was the Chief Guest and delivered the convocation address. While Prof. Amit Banerjee, Pro Chancellor, SOA University, Bhubaneshwar and Dr. Michael Borbe, Vice President, Research & Development, Grammer AG was the Guest of Honors. Hon'ble Pro Chancellor of DMIMS (DU) Dr. Ved Prakash Mishra, Hon'ble Vice-Chancellor Dr. Rajiv M. Borle, Hon'ble Shri. Sagarji Meghe, Hon'ble Pro Vice Chancellor, Dr. Lalitbhusan Waghmare, Hon'ble Vice Chancellor Krishna Institute of Medical Sciences (DU) Dr. Neelam Mishra, Hon'ble Members of Board of Management, Registrar, Dr. Sweta Kale Pisulkar, Director Examinations, Evaluation & Assessment Dr. Minal Chaudhary, Deans of Constituent Colleges, Deans of Faculties and Officers of the University were present.

The convocation ceremony began with playing the university song. Thereafter, the Hon'ble Vice-Chancellor requested the Hon'ble Chancellor to declare the Convocation open and the Hon'ble Chancellor obliged by declaring the 13<sup>th</sup> Convocation open.

Hon'ble Vice-Chancellor presented the University profile and the distinctive achievements of the University since its inception. Dr. Sanjay Zodpey, Vice President Academics, Public Health Foundation of India & Director – Indian Institute of Public Health, New Delhi and Dr. Jeetender N Khanna, Former President of AOMSI, Asian Association of OMFS, Indian Academy of OMFS was conferred upon D. Sc. Honoris Causa on this occasion.

The Hon'ble Chancellor admitted all the eligible students to the convocation and declared that all of them have been conferred the degrees. A total of 860 students were conferred the degrees which included Doctoral Degrees, M. Phil, Fellowship, Super Specialty, UG & PG Degrees from various faculties - 295 from Medicine faculty, 121 from Dentistry faculty, 69 were from faculty of Ayurveda, 148 from faculty of Nursing, 67 from Allied Health Sciences, 53 from faculty of Physiotherapy.

Hon. Governor, Shri Bhagatsingh Koshiyariji congratulated all the graduants in his convocation address through video conferencing. He said that the convocation ceremony is like the beginning of a new life for students. Apart from knowledge from the books, students should enrich themselves with practical knowledge and hands-on experience. Utilize your education and knowledge to build "Aatmanirbhar Bharat". He further said that private universities in the country were also performing very well and he also showered praise on DMIMS.

Meanwhile, Final year student of Jawaharlal Nehru Medical College, Priyal Srivastava won the maximum 11 of gold medals at the convocation. She bagged total 15 awards. Post graduate student Dr. Aishwarya Ghule won 7 gold medals, Dr. Aditya Mundada, Sushma S. and Rohit Wanjari won 4 gold medals each. Drishti Lohia, Ritika Malhotra, Yash Parekh and Harshita won 3 gold medals each. Mehaksha Batra from Sharad Pawar Dental College

won 4 gold medals, Anuradha Ingle from Mahatama Gandhi Ayurveda College took home 3 gold medals. Young scientists Vaishnavi Toshniwal, Madhumita Chaudhary, Raksha Kanoje, Namrata Agashe, Purva Gulrandhe bagged Medicon-19 Young Researcher Gold Medals.

Prof. Amit Banerjee & Dr. Michael Borbe also congratulated the graduants in their addresses as the Guest of Honor. They said that the Convocation ceremony is a day of pride for any Institution and the students because academic recognition is coming your way for the hard work you have put in. The medical students are the health force of the Nation. In the last 2 years patients have come to India from more than 140 countries for getting better health care.

The world and the country needs millions of health human resources and large number of medical healthcare institutions. They further congratulated DMIMS (DU) for having contributed in producing skilled healthcare human resource.

The Hon'ble Pro-Chancellor Dr. Vedprakash Mishra also blessed the graduands on this auspicious occasion.

At the end Pasaydan was recited on this occasion and the convocation ceremony was concluded with the singing of National Anthem.

### **Glimpses of the 13<sup>th</sup> Ceremonial Convocation**



The Dias -13<sup>th</sup> Ceremonial Convocation



The convocation address by Chief Guest Hon'ble Governor, Maharashtra State His Excellency, Shri Bhagatsingh Koshiyari



Address by Hon'ble Pro Chancellor  
of DMIMS (DU) Dr. Ved Prakash



Address by, Hon'ble Vice-Chancellor  
Dr. Rajiv M. Borle, Hon'ble



Guest of Honors- Dr. Michael Borbe,  
Vice President, Research & Development,  
Grammer AG



Prof. Amit Banerjee, Pro Chancellor,  
SOA University, Bhubaneswar



The Degree recipients -13<sup>th</sup> Ceremonial Convocation