

**ANNUAL  
REPORT  
2017-18**



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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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## **THE 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 careforthe benefit of the mankind.

## **THE 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 consequent ial and meaningful outcomes for the nation in general and the region in particular. It shall deliver
- Comprehensivequalityhealthcareservicestothe rural, needy, marginalizedandunderprivileg ed populace. This shall be achieved through appropriate collaborative linkages and a proactive, transparent and accountable decentralized governancesystem.

## **GOALS AND OBJECTIVES:**

- Toprovideforneedbased, learner,community and quality centric education inallsuchbranches of learning as may be deemed appropriate from time to time, so as to enable a student to reap the fruits of tertiaryeducation.
- 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.
- Toventureintoinnovationsandvidencebasedmodificationsinvariousdomainsofeducational process as awhole.
- 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 touupdateknowledgeandskillsandtogenerateand promoteamongstthestudents,teachersandemployeesanawarenessandunderstandingofthe societal needs of the country and ready them for all suchneeds
- Toundertakeinnovations, extramuralstudies, extensionprogrammesandoutreachactivities to cater and to contribute to the sustainable development of thesociety.
- 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 ti



## CHANCELLOR'S MESSAGE

It gives me an immense pleasure to note that the Annual Report of the University is out for publication.

DMIMS (DU) is an intellectual destination where promising scholars, ambitious students, and dedicated faculty choose to pursue their ambitions. Our devotion to an open exchange of ideas, and our comfort with complexity and multiple perspectives, also make us an intellectual destination for those beyond the community on campus which is reflected in many of our recent endeavors.

Thanks to the successes of the past years and a favorable outlook, the University now has unprecedented opportunities. There are ambitious goals for the University and I remain optimistic that achieving the goals is within our reach. Doing so will require systemic and relentless efforts from all those associated with the University.

This Annual Report describes the projections, constitution and activities that the University supports and undertakes.

A handwritten signature in black ink, appearing to read 'Datta Meghe'.

**Datta Meghe**  
Chancellor, DMIMS(DU)



## PRO-CHANCELLOR'S MESSAGE

It is heartening to note that Annual Report of the Datta Meghe Institute of Medical Sciences (Deemed University), Sawangi (Meghe), Wardha is being brought out which covers the various **'plethora'** of happenings in the academic year 2016-17.

There portso brought out would be a **'handy referral piece'** of reading in incorporating all the **'relevantin formational 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 committee'** 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 can not 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 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 his 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.

A handwritten signature in black ink, appearing to read 'Dr. Ved Prakash Mishra'. The signature is stylized and includes a small mark above the 'i'.

**Dr. Ved Prakash Mishra**  
Chief Advisor, DMIMS (DU)



## VICE CHANCELLOR'S MESSAGE

I am glad to know that the Annual Report of the Datta Meghe Institute of Medical Sciences (Deemed to be University) for the Academic Year 2017-18 is published. This intricate task has been completed meticulously and systematically by all the Members of the Editorial Board under the able leadership of Dr. Adarshlata Singh, Dean, Faculty of Medicine.

The relevant information depicting all the activities of the University and its constituent units in the domains of academics, research, co-curricular activities hospital services and innovative best practices undertaken by the University is reflected in a very composed and organized manner.

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.

A handwritten signature in black ink, appearing to read 'R.M. Borle', with a horizontal line extending to the right.

**Dr. R.M. Borle**  
Vice-Chancellor, DMIMS (DU)





## PRO VICE CHANCELLOR'S 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 2017-18.

The achievements and attainment that the University accomplishes is embodied in an Annual Report, which is a handy document for all the stakeholders to make this objective evaluation.

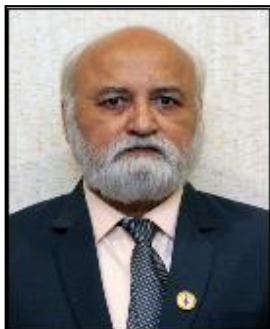
The University has to emerge as a focal Centre of Excellence, not only in academics but also in other associated walks of activities resulting in generation of not only a good breed of health professionals, but also good citizens and ideal individuals. Yet another important aspect, which has to be dispensed, is a qualitative improvisation in the health care services to be rendered to the needy and poor in the region. It is by virtue of the due dispensation of these tasks the University will not only stand out as an effective instrument of generating a desired academic ambience, but will also emerge as one of the focal points of bringing in a significant augmentation in extension of health care services.

The Annual Report of the University has been formulated for the Academic Year 2017-18, 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.

I record my appreciation for the Editorial Board who has dispensed the task diligently and effectively.

A handwritten signature in blue ink that reads "Dr. Neelam Mishra".

**Dr. Neelam Mishra**  
**Pro Vice-Chancellor**



## REGISTRAR'S 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 2017-18 is coming out as per the pre-decided schedule. I appreciate the team work of the Editorial Board in making it a comprehensive and well-structured document incorporating the areas to be focused in future and the plan of activities towards their actualization.

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. Achievements, accolades and recognition are coming its way and the proof for that is the inclusion of DMIMS (DU) in 'Category-I Deemed to be Universities' by UGC wherein graded autonomy was granted to the Deemed University.

Another glowing example of 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, was re-accreditation by NAAC with 'A+' grade, in the year 2017.

The purpose of this annual report is for us to derive insights from the retrospective in order to help us plan for the future, to which I am positive that it will strongly serve. I hope this reaches to a broad audience and sparks a fire in all our hearts to strive towards a greater and more glorious period in the coming years.

A handwritten signature in blue ink, appearing to read 'A.J. Anjankar', with a long horizontal line extending to the right and a shorter one below it.

**Dr.A.J.Anjankar**  
**Registrar, DMIMS (DU)**



## CHIEF EDITOR'S MESSAGE

This has been a significant year for DMIMS DU. We've celebrated three times consecutively accreditation with grade "A" by NAAC team and revolutionize the autonomy status of the university that is to Grade -I by HRD Govt of India which is self-explanatory where we are today. But still, it is always said that in spite of successfully achieving the targets, we should take insights into maintaining and further progress. The annual report is the perfect document for any institution to evaluate the status.

Here I am honored and excited to place the annual report of the academic year 2017-18 and take efforts of faculties, students and all stakeholders impactful to the next level. The pages of this report only touch the surface of what makes DMIMSDU effervescent, from our laboratories and research to our hands-on student learning. Our university has the unparalleled enthusiasm and dedication to lead, embark upon complex tribulations, augment the student understanding, and be a model for insertion and novelty. We embrace the challenge and welcome the opportunity.

As the university sets sights on what is next, it holds a steady course as a force for positive change, a center of innovation, a model of sustainability and a thriving society.

A handwritten signature in black ink on a light pink background. The signature is cursive and appears to read 'A. Singh'.

**Dr. Adarshlata Singh**  
**Chief Editor**

## EXECUTIVE SUMMARY

Datta Meghe Institute of Medical Sciences (Deemed to be University) established 13 years ago in the central rural part of India has grown remarkably since its inception. What was so seeded as small plant, has now grown into a magnanimous tree taking care of healthcare, teaching-learning, and research in the field of Medicine. The journey with constituent College capacity of only 100 students in the stream of a faculty of medicine in 1990 and another 100 students in the faculty of Dentistry in 1991 has now progressed to 200 admissions in Medicine since 2014. It was conferred Deemed to be University status in 2005 by the Ministry of HRD, by Govt. of India on the recommendations of UGC vide notification no. F.9-48.2004-U.3 dated 24th May 2005 with the committed 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 refutative research and offering effective and affordable health care for the benefit of the mankind". The faculties of Ayurvedic sciences, Nursing science and Paramedical Sciences (Physiotherapy), having undergraduate, postgraduate and doctoral courses were brought under the ambit of the Deemed to be University in the year 2009 by the Ministry of HRD Govt. of India, on a recommendation of the UGC. The University has conferred consecutively three times with the status of "A" grade accreditation by the National Assessment and Accreditation Council in 2007, 2013 and with CGPA score of 3.53 on 7 point evaluation in the year 2017. It is a matter of great pleasure and immense satisfaction that on recommendation of the University Grants Commission (UGC) inclusion of Datta Meghe Institute of Medical Sciences, Wardha, Maharashtra in the list of Institutions Deemed to be Universities under Section 12 B of the UGC Act, 1956, pursuant to the grading in category –I under the UGC (Categorization of Universities (only) for Grant of Graded Autonomy) Regulations, 2018.

The university caters to the National and Global demands of health care towards the generation of competent, compassionate and concerned healthcare manpower with total annual intake of over 938 students annually.

To enhance the co-ordination, monitoring and timely interventions amongst different domains for both academic and non-academic, the university has created Nonstaturay forums (DMIMS-DU) they are -: Joint College council, Board of examination, Autonomous cells, Centers of

excellence, Standing committee of Dean's (SCOD), Continuous evaluation & monitoring committee.

**AUTONOMOUS CELLS**-Autonomous cells are the **satellite** centers of the university. **They** represents delegated authority to various task groups.**Nine Autonomous cells** under the ambit of DMIMS (DU) are - 1) Examination Cell, 2) Attendance Cell, 3) Cell for International students, 4) Student Welfare cell, 5) Student Guidance Clinic, 6) Journal cell, 7) Intellectual Property Right cell (IPR), 8) Research cell & Central Lab and 9) Ph.D. cell . 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.

For the Quest of excellence and Institutionalization of excellence, University has created **ten centers of excellence**. Each having its own concept and objectives. They are -**1 Centre for Health Sciences Education Policy & Planning** – the concept of center is to **institutionally** evolve a **standing mechanism** which would with **onus and responsibility** fulfill the required mandate of providing **timely and desired inputs** to the policy making and planning authorities in the country in respect of medical education and healthcare delivery which acts as a **scientific, cogent and credible edifice**, so as to enable the generated policies and planning to be **sound, focused and purposive** resulting in actualization of the larger goal of emancipation of all under the rubric of the 'Welfare State'. **2. School for Health Professionals Education & Research**- The concept of this center is 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. **3. School for Advanced Studies**- The Institute's goal is to be a premier intellectual center in the region and beyond. It will be a trailblazer in the frontiers of knowledge; a global incubator of scientific breakthroughs and intellectual leaders; a platform for innovation, scientific and economic development in Vidarbha; and an active participant in building a highly educated, vibrant and humane society.**4. School for Epidemiology and Public Health** – The center is aiming for education to prepare tomorrow's public health leaders through excellence and innovation in education and to promote translation of knowledge into policy and practice. To provide service to community with special focus on those with most in need, who would benefit most from improved health and reduced inequalities (the disadvantaged, underserved and vulnerable) locally nationally and globally. **5. School of Virtual Learning**- The focus of this center is to enhance patient safety through fundamental and applied research, development of tools, use of demonstration projects, development and application of professional training activities, and dissemination of findings. The approaches will encompass integration of efforts including research and education activities, collaboration with national and international bodies and/or other centers, and the use of multidisciplinary teams.

**6. Centre for Interdisciplinary Research and Lifestyle Modification** – The concept behind this center is to establish scientific evidences for Ayurveda Medicines through interdisciplinary research and lifestyle modification with respect to physical, mental, emotional and spiritual life. The integrated research approach for researchers belonging to different disciplines is expected to standardize/validate and develop scientific evidence for safety, efficacy and quality of Ayurveda drugs & innovative formulations. **7. Centre for Health Care Innovations “Arogya -Setu”** – the center is making efforts towards bridging the tertiary care centre (AVBRH) and local community by Developing, Implementing and Promoting the relevant health care services. The Centre would meet its aim and objectives through identification of the Health care innovation in the field of Community and clinical; for promotion, prevention, early interventions and tertiary health care. **8. Centre for Technological Intervention in Medicine**- The center aim to develop effective and cost-effective health technologies enabled by innovative devices, health and academic system approaches, innovative practices in teaching –learning, complemented by applying more comprehensive Health Technology Assessment (HTA) approaches . It endeavors to the development, implementation and research pertaining to the technological intervention in health increasing the effectivity, accessibility & affordability of health care and its delivery. **9. Centre for Evidence-based Nursing**- The evidence based nursing center 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. **10. Centre for Global Collaborations & Accreditations**- This Centre of Excellence has been created to synergize the strength of the various departments of the University so that all the effort is channelized into one direction with the aim of achieving the Organizational goals and objectives.

ICT Incorporation in teaching-learning activities and assessment through Learning Resource material (LRM) in powerpoint (uniform format) of all topics across the faculties, Video ken software for customizing videos for teaching learning and assessment purposes. Digitalized six in-house journals of the Health University, ICT enabled Practical teaching of all subjects, Student kiosks for sharing LRM and other student-related information and online student feedback for quality assurance in teaching –learning and assessment. ICT enabled TL strategies viz. Digital quiz games, e-learning, virtual dissections (Anatomage), clinical skill lab, communication lab and Student portfolios for reflective learning.

**Value Education and Culture**- Values of Human cultures, behavioral skills, humanitarian approach to the patients, values of life are all inculcated in the students of the University through

various modalities of lifestyle modifications conducted regularly in the University. Intellectual and practical skills, including inquiry and analysis, critical and creative thinking, written and oral.

**Student Support Leadership and Governance** - Preceptorship Programme, Alumni Association and Parent teacher association for timely support and vent in their professional, emotional and personal affairs. The stewardship has laid the foundations for an accountable, responsible and see-through governance of the University attained by a decentralized, all participative committee centered administration, with a collateral non statutory support in the form of autonomous cells that facilitate timely, prompt and effective execution of the policies of the University.

**Steps towards Sustenance of quality** -Taking formal and informal feedbacks and interaction with the relevant stakeholders, ensures appropriate mapping of long-term strategic directions and guides management in its single minded efforts to transform the University. So as to be globally cognizable excelling in teaching, learning, research and community centered extension services to the nation and society as a whole and thereby catering to the sustainable development. While responding to the changing needs of the health and educational system in the country, the University has gone far beyond the core concerns of health sciences education. It has placed a singular focus on nurturing and recruiting faculty, who are among the leaders in their fields, resultantly the last five years' faculty stability index for the senior faculty stands at best ever level at approximately 86%. Appropriate initiatives are routinely undertaken towards capacity building for the administrative and non-teaching staff of the University.

In view of strengthening the area of providing health care services, allied healthcare professionals (AHPs) 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 four courses of the University (B.Sc. MRIT, BSc RT, BSc DTT, B Optom) so that the health services can reach to rural as well as remote area also.

## **BEST PRACTICES**

There were following best practices in 2017-18

### **1. Implementation of Formative Assessment for Postgraduate courses**

For the Postgraduate Medical Education, we all expect that PG training is competency based and also suggests the use of 'Logbook' for monitoring the learning process. However, there are no regulations for providing any process of in-training assessments. While there is a provision of internal assessment as periodic examinations for undergraduate (UG) program, there is no such prerequisite specified for postgraduate (PG) courses. Postgraduate training is directed not merely at the attainment of knowledge, attitude, and skills but also at observable responsiveness and appropriate functioning in real life situations. There is indeed a need to observe and assess the trainees in real situations so that necessary corrections can be provided to the trainees. The current deficiencies in our assessment system are due to lack of conceptualization of assessment as a process for continuous improvement and learning leading to non-utilization of many available tools. Hence considering the Indian scenario, using the advantages of Observational Assessment over the traditional assessment methods and its educational utility; as for theory FA was already in place a pilot study "Formative Assessment (practicals) for Post Graduates at DMIMS – A Strategic Initiative towards Competency-Based Education" was undertaken to bring competency-based education during postgraduate training program at Datta Meghe Institute of Medical Sciences (DU) Sawangi (M) Wardha, for all 4 constituents colleges in the academic 2016-17. The concept has been copyrighted having number L- 63854/2016 Dated 17/ 05/ 2016. Based on the conclusion and recommendations of the study and to augment the learning process of postgraduate trainees during their entire course The implementation of formative assessment for clinical/ practical, communication and attitudinal skills was done. The assessment to be conducted twice in a year that is at the end of each term. There were three DOPS and three Mini-CEX to be conducted and at the end of the academic year OSCE/OSPE. This was a unique and need-based best practice adopted by the university.

### **2. Post Examination Content Validation of Question paper**

A context that required the initiation of practice: Contextual Features of this practice lie in the age-old dissatisfaction of the students towards the unpredictable and erratic mode of paper setting. The question papers due to their lack of balance had a huge element of luck imbibed in them. This was counterproductive towards the aim of assessment and hence, needed to be addressed. In the above context, the blueprint of the question paper is already in place. A comprehensive blueprint, therefore, serves as a reference framework for the question paper setter to prepare the questions according to the standardized norms and guidelines. The overall aim is to make the assessment process authentic, reliable, transparent and valid. Need - As a next step need of the monitoring of the above blueprinting process felt. To achieve the target that 90% or above secondary template should be followed during paper setting and after validation, the concept of content validation has arisen. This will help into ensure that blueprinting has helped in covering entire syllabus and assessing from all difficulty levels. Process This is a three-tier mechanism, 1). Trained Subject expert for validation-First do the content validation. (Not a part of



validation) 2). Dean Faculty of concerned faculty–the above report was verified 3).Director of school of Health professional education. final report was prepared by

### **3. Use of Technology**

#### a) Teaching and Learning

- Video ken software for customizing videos for teaching learning
- Digitalized six in-house journals of the Health University
- Student kiosks for sharing LRM and other student-related information

#### b) Incorporation of ICT into assessment -

- Digitalized Paper setting, Moderation and Evaluation
- Video ken software for customizing videos for assessment purposes.

#### c) For Sustenance the Quality

- Online student feedback for quality assurance in Teaching –Learning and Assessment.

**REPORT OF 9TH CONVOCATION AND CONVOCATION ADDRESS**  
**SELECTED PHOTOGRAPHS OF 9<sup>TH</sup> CONVOCATION CEREMONY – DMIMS(DU)**



**CONVOCATION ADDRESS DELIVERED BY CHIEF GUEST  
SHRI SUDHIRJI MUNGANTIWAR,  
HON'BLE MINISTER OF FINANCE & PLANNING, FORESTS, GOVT OF MAHARASHTRA & THE GUARDIAN MINISTER OF WARDHA**



‘The 9<sup>th</sup> Convocation of Datta Meghe Institute of Medical Sciences (Deemed to be University) was held on 12<sup>th</sup> April, 2018 at Datta Meghe Auditorium, Sawangi (Meghe), Wardha. Shri Sudhirji Mungantiwar, Hon’ble Minister of Finance & Planning, Forests, Govt of Maharashtra & the Guardian Minister of Wardha, delivered the Convocation address.

Hon’ble Chancellor Shri Dattaji Meghe, Hon’ble Pro-Chancellor Dr.Ved Prakash Mishra, Hon’ble Dr.R.M.Borle, Dr.Neelamji Mishra, Dr.Anjankar and other dignitaries on and off the dais, invitees, members of the press, my dear students and the parents -

At the outset I congratulate you all on the occasion of this 9<sup>th</sup> Convocation of the University. You have toiled hard to achieve the success and because of your hard work you have been conferred graduate and post graduate degrees and diplomas. I am happy that some of you have also been conferred with Doctoral (Ph.D.) degrees also. While sitting on the dais I was thinking about the toil and hard work one has to put in for a professional degree along with dedication and devotion. The efforts for over 6387 days are required to be put in to be entitled for a professional qualification and such qualification which is not only entitles you for a profession but also a mission. I am sure you will continue this mission of societal service and help the poor and needy with an humanitarian approach while practicing your profession. I wish you all the success in this mission. Whenever a patient approaches you with pain and grief, you will do everything in your power to alleviate his sufferings and bring smiles to his face. May God bless you and give you strength and capabilities to transform grief into smiles.

I personally belong to a family of Doctors. My father passed his MBBS from Govt. Medical College in the year 1969. My daughter also completed her medical degree from Nagpur. My brother, my brother-in-law are also Doctors by profession. I have personally seen and experienced how tough is the life of doctors. My father used to entertain his patients even in the odd hours and used to rush for the help of the needy. Doctors are the only professionals who devote their life in the service of the people and hence doctors are considered “dev-doot”

I also congratulate the Teachers who are taking efforts to ensure that the students should be optimally trained and human values should be inculcated in them. During the course of study, you all have learnt Science of human body on cadavers which people have donated for the noble cause. Be grateful to that common man who has helped you learn the science of human body, be thankful to the patients on whom you took lessons and learnt the science and art of examination, diagnosis and treatment. Have gratitude towards them and resolve that common man shall always remain as a centre of your focus when you practice the profession.

Once again I congratulate you all and thank Hon’ble Shri Dattaji Meghe for giving me the opportunity to be here amongst you today. I pray to Almighty to bless you all. May you prosper, May you succeed in your mission and May you reach such enviable heights of profession with due regards to values, empathy and compassion.

Jai Hind

Jai Maharashtra’

## **Report of 9<sup>th</sup> Convocation Ceremony Datta Meghe Institute of Medical Sciences (Deemed to be University) held on 12<sup>th</sup> April, 2018**

The 9<sup>th</sup> Convocation Ceremony of Datta Meghe Institute of Medical Sciences (Deemed to be University), was held on 12<sup>th</sup> April, 2018 from 12.00 noon to 2.30 pm at Datta Meghe Auditorium in the premises of the University at Sawangi (Meghe), Wardha.

Hon'ble Chancellor Shri Dattaji Meghe, Chief Guest Shri Sudhirji Mungantiwar, Hon'ble Minister of Finance & Planning, Forests, Govt of Maharashtra & the Guardian Minister of Wardha, Dr Ved Prakash Mishra, Hon'ble Chancellor of Krishna Institute of Medical Sciences (DU) & Pro Chancellor of DMIMS (DU), Dr. Rajiv M. Borle, Hon'ble Vice-Chancellor, Hon'ble Shri Sagarji Meghe, Member BOM, Dr B J Subhedar, Distinguished Physician from Central India. Dr. Neelamji Mishra, Hon'ble Pro Vice Chancellor, Hon'ble Members of Board of Management, the Registrar Dr. A. J. Anjankar, Controller of Examinations. Deans of Constituent Colleges, Deans of Faculties and Officers of the University, were present on the dais.

Hon'ble Vice-Chancellor Dr. Rajiv M. Borle delivered the welcome speech followed by presentation of the Report of the University highlighting the achievements of the University and the prospective developmental profile of the University and its teaching hospitals. During his address, he specifically mentioned the grant of \*A+ grade to the University by the NAAC in its 3<sup>rd</sup> cycle of accreditation which is a unique distinction of the University in the entire country. He also mentioned the grant of autonomous status to the University by placing it under elite Group-1 Category of autonomous deemed to be Universities, by the UGC. Dr. B. J. Subhedar, an eminent Physician and revered Teacher was honoured with the Honorary Degree "Doctorate in Medical Sciences" (Honoris Causa) at the hands of Hon'ble Chancellor & the Hon'ble Chief Guest, in recognition of his meritorious and exemplary services to the medical education, society and mankind.

Dr. Ved Prakash Mishra, Hon'ble Pro-Chancellor during the course of his address said that a new generation of graduands of the University will be entering into the profession after the conclusion of this grand convocation ceremony, which is being held today. He also said that this is a historical occasion wherein they will be placing themselves in the annals of life. The convocation ceremony is a serene and solemn occasion wherein the new graduands will be heralded and equipped appropriately with the desired academic qualification into the stream of life not only for the purposes of making an earning for their livelihood but also gaining the opportunity to enter into a noble profession of 'Doctor' for the service of the humanity. He congratulated all the graduands and medal winners for their meritorious performance.

Distinguished Chief Guest Shri Sudhirji Mungantiwar, Hon'ble Minister of Finance & Planning, Forests, Govt of Maharashtra & the District Guardian Minister delivered the Convocation address. Hon'ble Chief Guest expressed happiness over the fact that so many students in various Faculties have been awarded Degrees, Diplomas, PG Degrees and other qualifications. He congratulated all the students who have received the degrees as well as recipients of the various medals and prizes. He expressed his desire that after coming out of the medical institution, the young Doctors will serve the society with commitment, dedication and missionary zeal. He advised the medical students that they should utilise the knowledge and skill gained by them for the benefit of poor and that serving the poor should be the main objective of people from medical fraternity. He further said that great challenges are looming in front of medical field and that tremendous efforts should be made by the Doctors for the benefit of poor patients. Medical treatment and service should bring smiles on the faces of patients. Doctors are true messengers on whom human beings repose complete faith. They come second to God only. "Service to patients is service to God".

A total of 884 students were conferred with UG, PG, Super speciality, M.Phil Degrees which included 28 doctoral degrees. Apart from conferment of degrees. 88 gold medals, 4 silver medals and 13 cash prizes were awarded to 64 meritorious students for their academic excellence. For the first time, MEDICON Young Researcher gold medals were awarded to 5 UG students, one from each faculty for their meritorious indulgence in research activity.

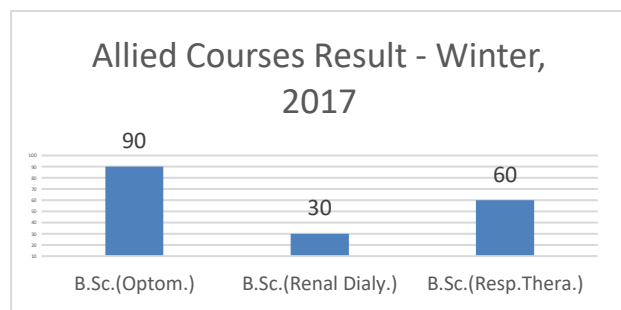
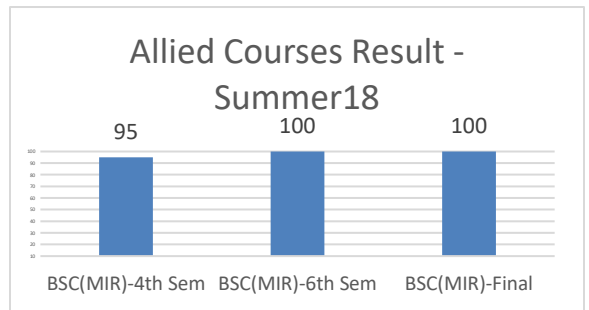
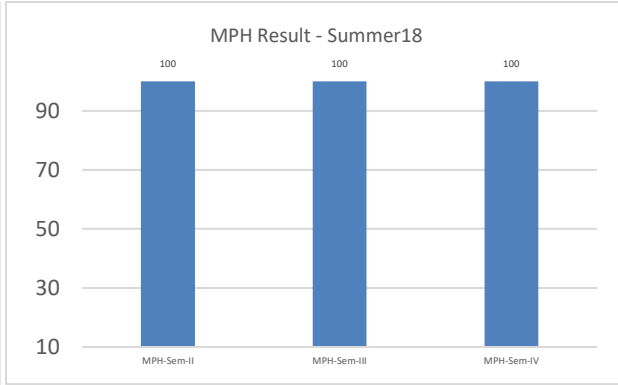
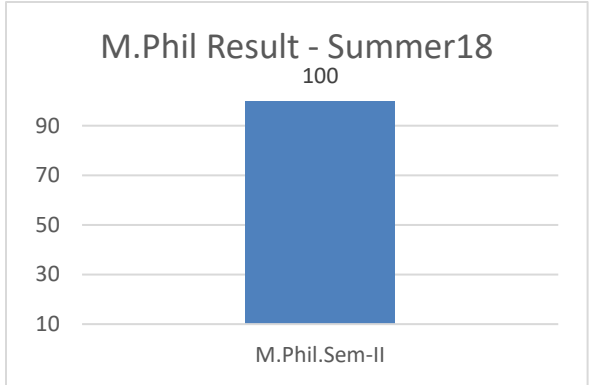
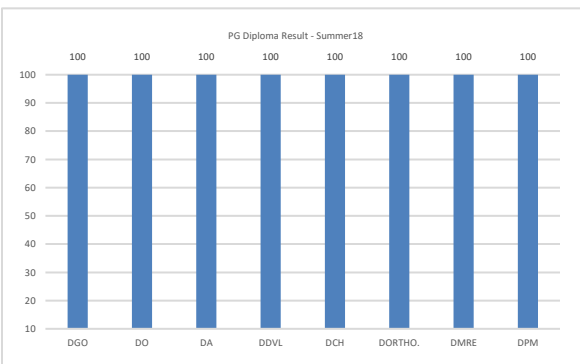
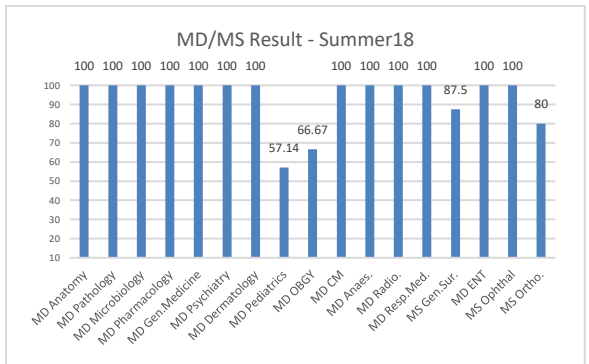
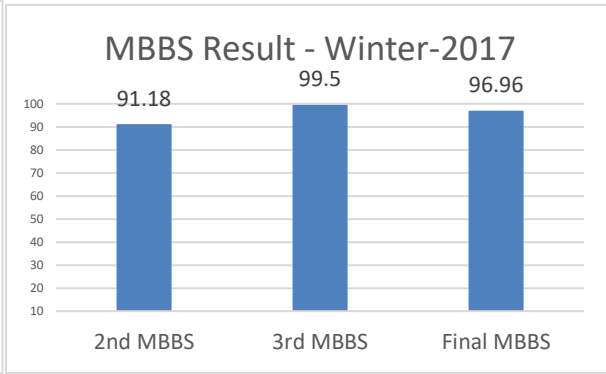
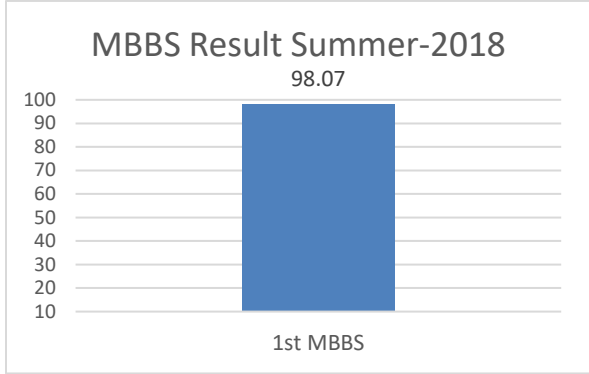
Under the Faculty of Medicine, Dr. Ritika Tripathi, topped the medal tally with 8 gold medals and 3 prizes, Dr Tanmay Ramesh Gandhi, was awarded 7 gold medals, Dr Harmandeep Singh bagged 4 gold medals, Dr. Satyajit Sahu, bagged 3 gold medals and a prize, Dr. Ashlesha Shukla received 3 gold medals, Dr. Satyajit Sahu, was presented with 3 gold medals and a prize. Dr. Vasudha S Umate from Faculty of Ayurved got 3 gold, 1 silver medal & 3 prizes. Dr. Akshita Agarwal from Dental Faculty was awarded two gold medals.

The convocation ceremony was concluded with the singing of Pasayadan by Dr. Priyanka Niranjane followed by recital of National Anthem.

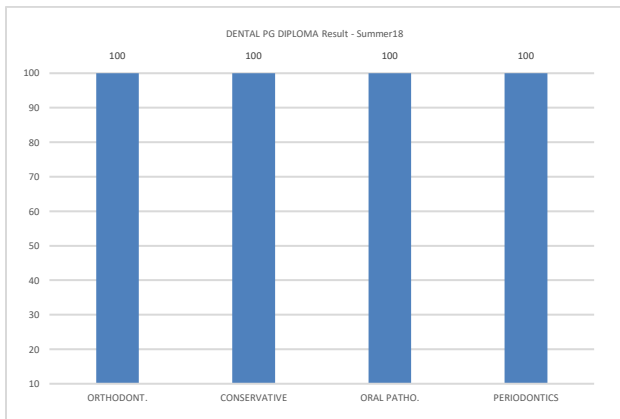
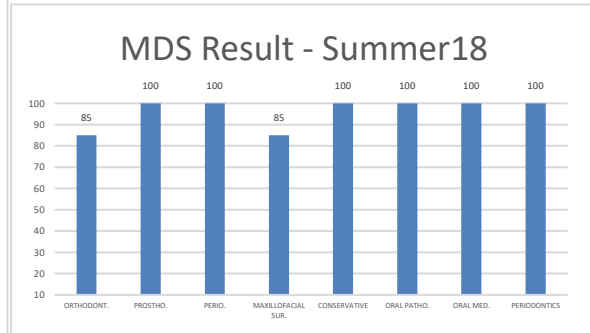
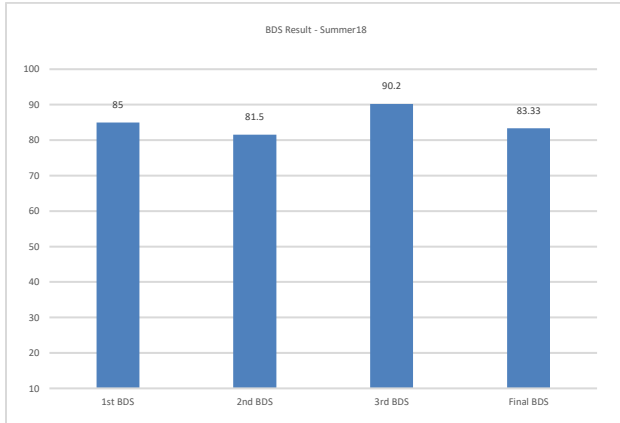
Registrar  
DMIMS (DU)

**RESULT OF ALL COLLEGES WINTER 2017 AND SUMMER 2018**

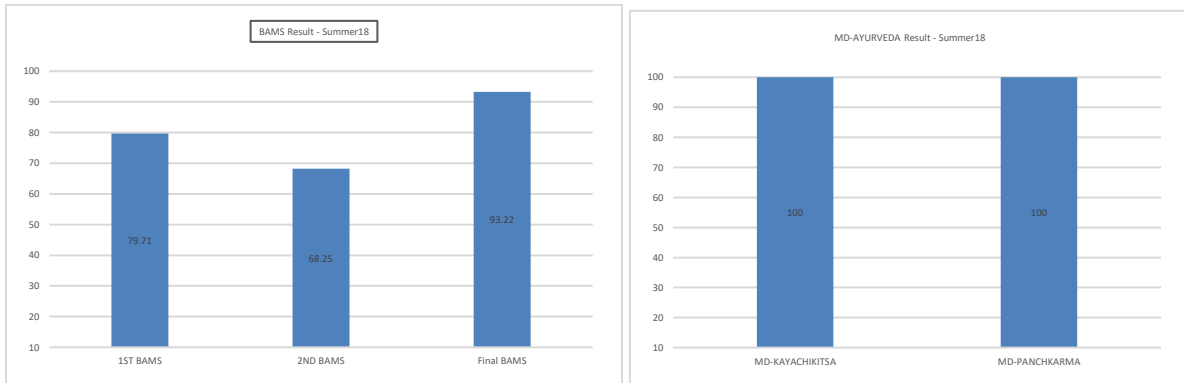
**Faculty of Medicine**



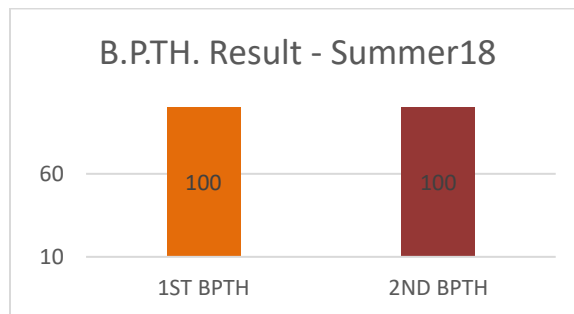
## FACULTY OF DENTISTRY



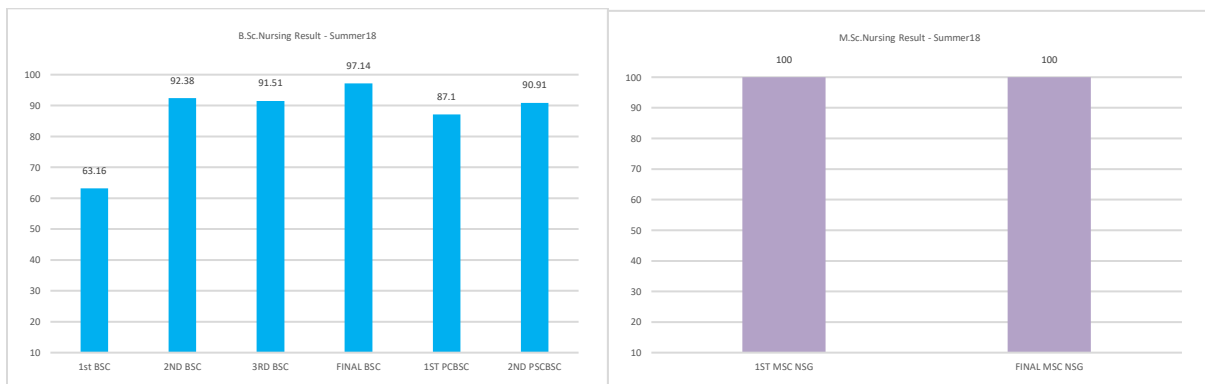
## Faculty of Ayurveda



## Faculty of Paramedical Sciences



## Faculty of Nursing



## Ph.D. CELL

The Doctoral Program (PhD) is one of the coveted academic programmes conducted by the University.

The PhD Cell is a beneficiary of the stewardship of Hon. Pro-Chancellor Dr. Vedprakash Mishra, Hon. Vice-Chancellor Dr. Rajiv Borle and Hon. Pro Vice-Chancellor Dr. Neelam Mishra. Currently the PhD Cell has 12 members - Dr. Sunita Shrivastava as the Chairperson, Dr. Adarshlata Singh, Dean Academics, Faculty of Medicine, Dr. Pradnya Nikhade, Dean Academics, Faculty of Dentistry, Dr. Priti Desai, Dean Academics, Faculty of Ayurveda, Mrs. Vaishali Taksande, Dean Academics, Faculty of Nursing Sciences, Dr. Irshad Qureshi, Vice-Dean Faculty of Paramedical Sciences, Dr. Lalitbhusan Waghmare, Dean, Faculty of Interdisciplinary Sciences, Dr. Alka Rawekar, Dean, Allied Courses, Dr. Sunita Vagha, Director, SHPER, Dr. Dalia Biswas, **Convener**, Exam Cell and Dr. Abhay Gaidhane as members, Nirupama Bhisey as Member-Secretary.

The Doctoral Programme was initiated in the University in the year 2008 with a view to facilitate the faculties in attaining the highest educational qualifications. The Doctoral degree though not mandatory according to the Governing bodies, is still sought of as it fulfills the Academic potential of the academically oriented individuals.

The first Doctoral degree was awarded by DMIMS (DU) in the year 2012 at the Third Convocation of the University. Over the years it was observed that there is a need to facilitate the Scholars in the progression of their Doctoral degree so that the Doctoral work is of the highest set standards. For achieving these set standards, the following initiatives were taken by the DMIMS deemed to be University.

The following initiatives are undertaken by the PhD Cell as healthy practices.

1. Hand holding after DRC
2. Research guidance clinic
3. Statistical Advisory Committee
4. Literary Advisory Committee
5. Special Leave for the Registered Scholars
6. Incremental benefits for In-house faculties
7. Access to Anti plagiarism Software
8. Conduction of Research Methodology workshops for Scholars & Supervisors
9. Conduction of Pre-submission Open defence Viva-Voce
10. Handing over of the notification conferring the award of the Doctoral Degree to the Scholar ceremonially

In the Year 2017-18 has been very fruitful for the PhD Cell. In the 9<sup>th</sup> University Convocation held on 12<sup>th</sup> April, 2018, as many as **28** PhD's were awarded in the faculties of Medicine, Dentistry & Interdisciplinary Sciences.

During this period, 2 copyrights and 1 patent was registered and **57** articles were published on the basis of the research work.



In the AIPHCET conducted in January, 2018, 56 candidates were declared eligible for registration to the Doctoral Programme from which 37 were External candidates. The Research Methodology workshop- 'Ignition to Inquisition' was conducted for these eligible candidates on 26<sup>th</sup>& 27 April, 2018 which was widely acclaimed and attended by 55 candidates both In-house & external.

Prominent persons awarded Phd in 2018:



Dr. Adarshlata Singh, Dean,  
Faculty of Medicine



Dr. Prakash Mohite- First Doctoral  
Degree in Forensic Medicine



Dr. Lalitbushan Waghmare-  
Dean, Faculty of Interdisciplinary  
Sciences & Director. Student



Dr. Tripti Shrivastava-  
Convener, Nodal Center



Dr. Narendra Sharma

## **INSTITUTIONAL PROFILE**

### **FACULTY OF MEDICINE**

## **JAWAHARLAL NEHRU MEDICAL COLLEGE,**

### **SAWANGI (MEGHE), WARDHA**

Jawaharlal Nehru Medical College was established at Sawangi (Meghe), Wardha in 1990 to cater to the needs of the rural population of central India. It made beginning by introducing only MBBS programme with the annual intake capacity of 100. The institute has grown rapidly and the courses run at present are postgraduate degree courses in all the specialties except Forensic Medicine and toxicology, Diploma courses in selected specialties, Doctoral courses in all the specialties, fellowship Courses, and M.Phil course. Recently the institute has also launched the post PG specialty courses like DM in Cardiac Anesthesia and M.Ch. in Cardiovascular & Thoracic surgery.

The Jawaharlal Nehru Medical College is committed to quality research in the form of clinical research, research in basic sciences, community based research and operational research. The faculty members in the college have published more than 334 research papers in national & international journals with high impact factor and also published paper for systematic review. Furthermore, faculties and students have also delivered presentations at various National / International conferences, of ICMR projects have been sanctioned and shortlisting of many more by the funded agencies, books publications, patents applies, Copy rights applied and Sanctioned ,ongoing funded projects in current year are matter of satisfaction.

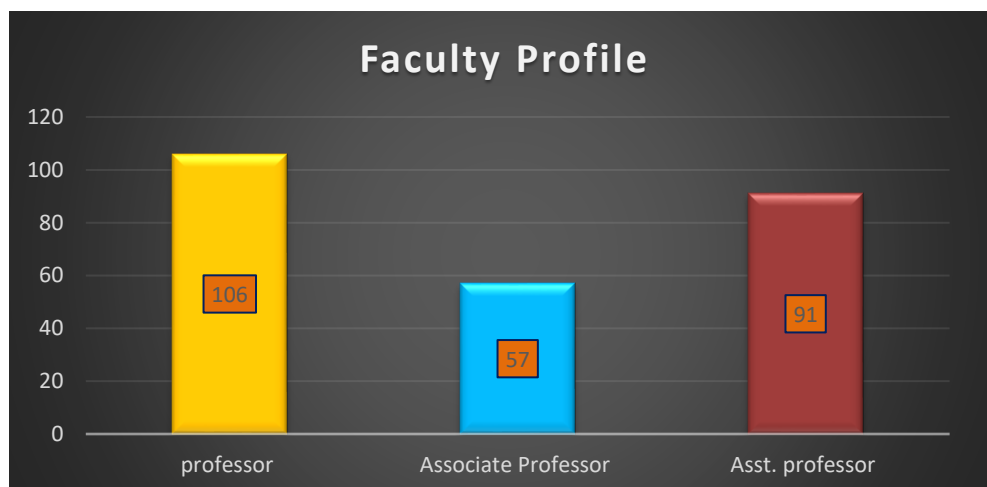
The high academic standard of the college is evident from excellent results of more than 90% in all the subjects and the excellent feedback received from stakeholders when the products of this college serve society. The quality is further enhanced by continuous monitoring through Internal Quality Assurance cell and various autonomous cells like attendance cell, examination cell, student guidance cell and Research guidance cell.

Various community based activities is the hallmark of the college. The college through its Acharya Vinoba Bhave Rural Hospital carries out community activities like diagnostic camps & public awareness programmes. Telemedicine is another such facility through which the people from rural area can communicate with the consultants of this hospital. Cardiology, Cardiothoracic Surgery, Neurosurgery, Oncology are some of the examples of the rapid growth of the college. The faculties working in JNMC also participate in various interdisciplinary activities like CMEs, e- CMEs, PhD programmes and teaching through interdisciplinary course

#### **Educational Programs and their Intake**

<b>SN</b>	<b>Courses</b>	<b>Intake</b>
1	MBBS	200
2	B.Sc.(MIT)	20
3	M.P.H.	10
4	M.H.A.	20
1	MD (Anatomy)	1
2	MD (Physiology)	0
3	MD (Biochemistry)	2
4	MD (Microbiology)	2
5	MD (Pathology)	9

6	MD (Pharmacology)	6
7	MD (Community Medicine)	5
8	MD (General Medicine)	14
9	MD (Psychiatry)	2
10	MD (General Surgery)	12
11	MD (Obst. & Gyne.)	9
12	MS (Ophthalmology)	4
13	MS (ENT)	2
14	MD (Anaesthesia)	8
15	MD (DVL)	2
16	MD (Pediatrics)	7
17	MS (Orthopedics)	7
18	MD (Radiodiagnosis)	5
19	MD (Respiratory Medicine)	3
1	DGO	3
2	DO	1
3	DA	1
4	DDVL	1
5	DMpRD	2
6	D.Ortho.	1
7	DCH	1
8	DPM	1
1	M.Ch.(Cardio Thoracic & Vasculat Surgery)	01
2	DM (Cardiac Anaesthesia)	01



## Library at a Galance

Sn.	Particular	Discription
<b>A) Infrastructure facility of JNMC is given as under-</b>		
1.	Reading Hall Capacity	500
<b>B) Information Resources Material</b>		
1.	No. of computer	80
2.	Internet connectivity	WiFi (BSNL 150MBS)
3.	No. of Books	20614
	Text books	11530
	Reference books	9084
	Monographs	28
	Other	2031
4.	No. of E- Books	3242
5.	No. of Journals Subscribed	352
	Hard form	174
	Soft form	178
	Archival selection for 25 years	3852
6.	Otherlearningresourcematerialavailableinthe library.	1184
7.	Otherlearningresourcematerialavailableinthe library	E-Data Base and E-Musium
8.	Membership and sharing of library resources with otheragenciesservicesandfacilitiesavailabilityin thelibrary	INFLIB-NET,DELNET British Council Library PROQUEST–e-Journalonlinedatabase

## Augmentation of Academic Ambiance

### Virtual Dissection Table (Anatomage):



The Virtual Human Laboratory has facilities for Virtual Dissection; Virtual Autopsy and planning of surgeries. It has 3D-4D Video dimension facilities. The Anatomage table on which this is performed is imported from U.S.A. It is designed and developed at Stanford University, USA. It is the first installation in Asia. With help of this new technology medical students can perform human dissection layer by layer in standardized manner and repeatedly.

It also can convert any 2D image to 3D image and then can be surgically dissected. After death if whole body CT scan is done and loaded on this machine, a full 3D picture of body is created for detail analysis for cause of death leading to Virtual Autopsy without need of post-mortem of body. Similarly, difficult locations of Brain Tumour or any other diseases can be exactly identified and planned for precise surgeries.

The Virtual Learning Centre also has Central India's 'First International Training Centre' approved and accredited by American Heart Association.

It is availed for the training for undergraduate and postgraduate students of the University in a structured manner.

## HOSPITAL SCOPE OF SERVICES

### Vision:

“Transforming Lives through Well-Being”

### Organizational Values

The “work culture & organizational environment” would be led by “RICH” Values:

- ❖ **Responsible** : Result Oriented and Accountable
- ❖ **Integrity** - Ethical, Moral, Value Based and Righteous.
- ❖ **Caring** with Compassion, Competency & Confidence.
- ❖ **Happiness** and Joy in all dispensations.



**ACHARYA VINOBA BHAVE**  
RURAL HOSPITAL  
*Transforming Lives Through Well Being*

CLINICAL SERVICES	DIAGNOSTIC SERVICES
<ul style="list-style-type: none"><li>▪ Anesthesiology</li><li>▪ Dermatology and Venereology</li><li>▪ Emergency Medicine</li><li>▪ General Medicine</li><li>▪ General Surgery</li><li>▪ Obstetrics and Gynaecology</li><li>▪ Ophthalmology</li><li>▪ Orthopedic Surgery</li><li>▪ Otorhinolaryngology</li><li>▪ Pediatrics</li><li>▪ Psychiatry</li><li>▪ Respiratory Medicine</li><li>▪ Cardiac Anaesthesia</li><li>▪ Cardiology</li><li>▪ Cardiothoracic Surgery</li><li>▪ Specialty ICU</li><li>▪ Medical Gastroenterology</li><li>▪ Nephrology</li><li>▪ Neurosurgery</li><li>▪ Pediatric Surgery</li><li>▪ Plastic and Reconstructive Surgery</li><li>▪ Urology</li><li>▪ Transplantation Services</li></ul>	<p><b>DIAGNOSTIC IMAGING</b></p> <ul style="list-style-type: none"><li>▪ Computed Tomography Scan</li><li>▪ DSA Lab</li><li>▪ Mammography</li><li>▪ Magnetic Resonance Imaging</li><li>▪ Ultrasonography</li><li>▪ X Rays</li></ul> <p><b>LABORATORY SERVICES</b></p> <ul style="list-style-type: none"><li>▪ Clinical Biochemistry</li><li>▪ Clinical Microbiology and Serology</li><li>▪ Clinical Pathology</li><li>▪ Cytopathology</li><li>▪ Hematology</li><li>▪ Histopathology</li></ul> <p><b>OTHER DIAGNOSTIC SERVICES</b></p> <ul style="list-style-type: none"><li>▪ 2 D Echo</li><li>▪ Audiometry</li><li>▪ EEG</li><li>▪ EMG</li><li>▪ Holter Monitoring</li><li>▪ Spirometry</li><li>▪ Treadmill test</li></ul>
<p><b>CLINICAL SUPPORT SERVICES</b></p>	<ul style="list-style-type: none"><li>▪ Ambulance Services</li><li>▪ Blood Bank</li><li>▪ Psychology</li><li>▪ Occupational Therapy</li><li>▪ Physiotherapy</li><li>▪ Speech and Language Therapy</li></ul>

### New Facilities Launched:

- Lokarpan of New CT-Scan
- Lokarpan Two Ambulance
- Installation of New CATHLAB Unit
- Pooja of Smt. Shalinitai Meghe Super Specialty Block & Birthday Celebration
- Inauguration of COPD & Asthma Clinic

### Training Programs:

- Transplant coordinators Workshop in Collaboration with Mohan Foundation on 20<sup>th</sup> to 24<sup>th</sup> Nov 2017.
- RBSK Workshop for Medical Officers.

### Organ Retrieval:

1. First Organ retrieval was done in December 2015.

2. Second was conducted on 11<sup>th</sup> January 2017. One liver, Two kidney, Two Corneas and Skin were harvested in the both the transplant.
3. Third organ retrieval was done on 06.10.2017 and retrieval organs are heart, liver, pair of kidney and pair of corneas and one kidney transplanted in AVBR Hospital.
4. Forth organ retrieval was done on 05.06.2018 and retrieval organs are liver, pair of kidney and pair of corneas and one kidney transplanted in AVBR Hospital.

### Transplant Coordinators Training Programme in AVBRH



#### Outreach & Extension Activity:

SERIAL NO.	NATURE OF ACTIVITY	CAMPS CONDUCTED	PATIENT BENEFICIERIES
1	Multi-dignostc & Specialty Camp	116	92841

**FACULTY OF DENTISTRY**  
**Sharad Pawar Dental College,**  
**Sawangi (Meghe), Wardha.**



Since its inception in 1991, Sharad Pawar Dental College has a modest beginning. With only undergraduate courses, it has grown to the current stature and now runs UG, PG, Ph.D., Fellowship, certificate courses and other Academic distinctions in all specialities. Recently, we have also ventured in the field of interdisciplinary sciences and run Need Based Certificate courses to keep pace with the emerging areas of Dental & Medical Sciences and also to address the constraints put by the Apical Governing Body without compromising the already established student friendly Curriculum.

From the current academic year, 2018 batch post graduate students have to appear for the basic paper at the end of first year. The curriculum for which has been prepared and the scheme of examination has been established according to the Apical body regulations. The goals are to provide need based, learner, community and quality centric education in all branches.

The goals were to ensure not only academic growth but also the overall development of the students as professionals. The academic atmosphere is conducive to researches using newer Technologies and has resulted in prolific research outcomes. Both UG and PG researches are supplemented by active handholding by staff and by Intramural financial assistance provided by the university. This has resulted in many successful UG Research Projects which are converted to Publications and there was a surge in number of publications seen in 2016-17. There were 94 Publications, in Indexed and Non-indexed, in National & International Journals. The faculties have published 6 Monographs / Chapters / Books. 05 Patents Applied, 04 copyright received & 03 copyright Applied. The college strongly adheres to the high academic standards & quality control for all the courses run by it. This is evident by the consistent academic result which is above 90% in its summative examinations. Quality is enforced by the numerous independent Administrative Units such as Attendance Cell, Examination Cell, Student Guidance Cell, Preceptor Cell and Research Guidance Unit. All the

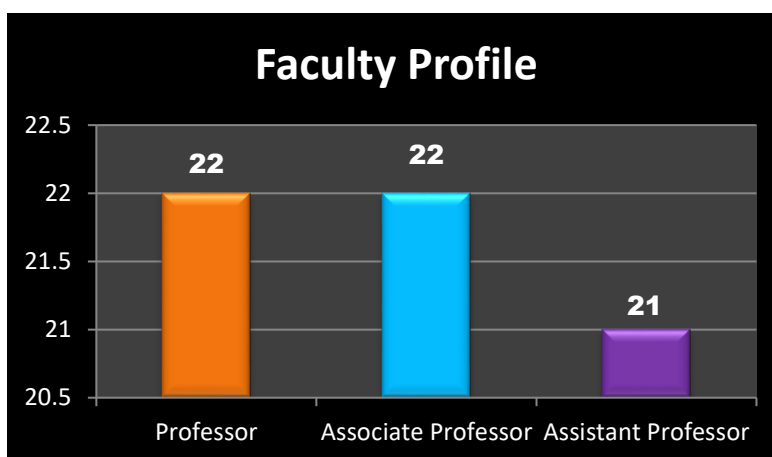


units function in dependently and through a 360° Feedback Mechanism.

The college is aware of its social responsibility and has implemented many activities to accomplish them, which includes outreach activities, participation in comprehensive health teams, health camps and NSS. The social evil of ragging is also address by the strict rules followed by Ant ragging cell which has resulted in the fact that there was no incidence of ragging reported in the year 2016-17.

## EDUCATIONAL PROGRAMMES AND THEIR INTAKE

S N	Courses	Intake
1	BDS	100
1	M.D.S (Prosthodontics & Crown & Bridge)	6
2	M.D.S(Periodontology)	3
3	M.D.S (Oral and Maxillofacial Surgery)	5
4	M.D.S (Conservative Dentistry & Endodontics)	6
5	M.D.S (Orthodontics and DentofacialOrthopedics)	6
6	M.D.S(Oral and Maxillofacial Pathology &oral Microbiology)	3
7	M.D.S (Pedodontics and Preventive Dentistry)	3
8	M.D.S (Oral Medicine and Radiology )	3



## Simulated Virtual Learning

Dental Skill lab, a highly innovative system is a boon in the field of dental education. It will help us to:

- ◆ Enhance the knowledge and skill of the student.
- ◆ Build up confidence to work on patients.
- ◆ Build interest.
- ◆ Enable objective and fair evaluation of the student performance
- ◆ Introduce students to advanced treatment modalities.
- ◆ Provide scope for building research projects.

Since its inception in 2015, Skill Lab in Dentistry has benefitted the undergraduate students while performing the procedures on simulators before handling them on patients.

Keeping in mind the enhancement of knowledge and skill of students & interns, the following modules have been formulated and incorporated.



#### SCOPE OF SERVICES

##### **1. Oral Medicine and Radiology**

###### **Oral Medicine**

1. Primary Examination Assessment
2. Clinical & non-Surgical Diagnosis & treatment of Oral & Maxillofacial disease

###### **Oral Radiology**

3. Intraoral radiology
4. Extra oral radiology – jaws and maxillofacial regions, Skull Views and TMJ imaging
5. OPG

##### **2. Oral Pathology and Microbiology**

1. Haematological investigations
2. Histopathological investigations
3. Cytopathological investigations
4. Microbiological investigations
5. Immunohistochemical investigations

##### **3. Orthodontics:**

###### **Preventive Orthodontics**

1. Treatment and care for early deciduous dentition
2. Space maintainers and regainers

###### **Interceptive and Corrective Orthodontics**

1. Habits interception and correction
2. Correction of developing skeletal, dental and soft tissue malocclusion
3. Removable appliances

###### **Fixed, semi fixed orthodontic appliances**

1. Lingual fixed appliances
2. Clear orthodontic appliances ceramic brackets
3. Retention appliances

###### **Surgical / orthognathic corrections**

1. Treatment for cleft and craniofacial anomalies
2. Adult Orthodontics

**4. Department of Periodontology**

1. Scaling : Ultra-sonic / Hand scaling
2. Periodontal Surgery
3. Esthetic Lip Surgery
4. Dental Implant

**5. Prosthodontics :**

**Removable prosthesis**

1. Complete removable prosthesis
2. Partial removable prosthesis

**Fixed prosthesis**

1. Crown and Bridges
2. Esthetic correction

**Special prosthesis**

1. Maxillo-Facial prosthesis
2. Implant prosthesis
3. Full mouth rehabilitation

**6. Pedodontics**

1. Restorative treatment in children
2. Endodontic treatment in children
3. Comprehensive orthodontic management in children
4. Prosthodontic procedures in children
5. Oral surgical procedures
6. Routine periodontal procedures
7. Preventive procedures in children

**7. Conservative Dentistry & Endodontics**

1. Restoration of carious teeth.
2. Performing specialized, highend esthetic procedures
3. Root Canal Treatment.
4. Surgical procedures associated with Root Canal Treatment.
5. Microscope assisted Root Canal Treatment.
6. Restoration of fractured anterior teeth using tooth colored restorative materials.
7. Laser assisted restorative
8. Laser assisted Root Canal Treatment.

**8. Oral Surgery**

1. Extraction of teeth
2. Biopsy of maxillofacial lesions
3. Minor Surgical Procedures
4. Pre-apical surgery
5. Surgical management of Cysts in maxillofacial region
6. Surgery of premalignant lesions of oral cavity
7. Oral Cancer Surgery & Chemotherapy
8. Management of Maxillo-mandibular Fractures
9. Dental Implant procedure
10. Management of TMJ disorders

**Outreach & Extension Activity:**

SERIAL NO.	NATURE OF ACTIVITY	CAMPS CONDUCTED	PATIENT BENIFICIERIES
1	SCREENING CAMPS	56	3755
2	TREATMENT CAMPS	15	4789
	TOTAL	71	8544

## **Faculty of Ayurveda**

### **Mahatma Gandhi Ayurved College, Hospital and Research Centre,** Salod,(Hirapur), Wardha



**M**ahatma Gandhi Ayurved College, Hospital and Research Centre established in the year 2007, under the ambit of Datta Meghe Institute of Medical Sciences (Deemed to be University), with a noble aim to impart quality education in Ayurvedic Sciences is well equipped with essential & state of art facilities, thus creating a new platform of quality & excellence in the field of Indian system of Medicine.

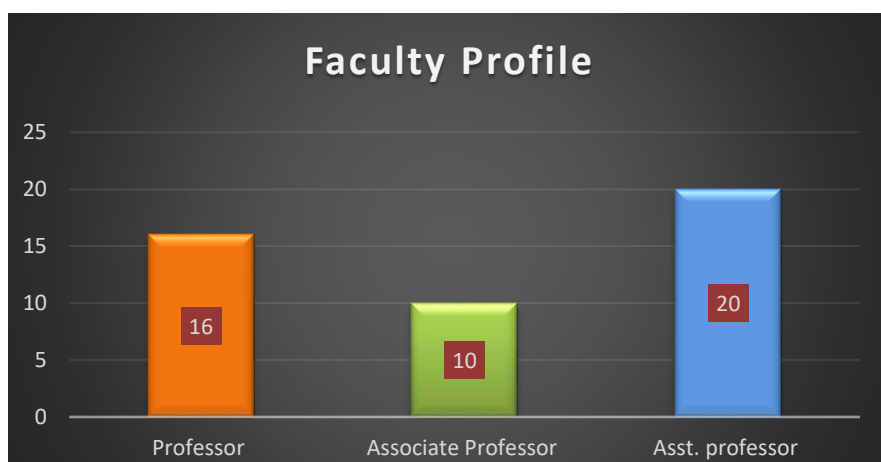
Started with a modest beginning from undergraduate course, at present it runs postgraduate, Ph.D .and fellowship courses. Enhancing the academic ambience, in the year 2017-18 we have started with PhD in two more subjects and fellowship in Ethnopharmacology. The college has a herbal garden along with nakshatra van; a polyhouse which fosters the enrichment of the flora through conservation of the rarest species. A well-equipped Dattarya Rasshala is engaged in the preparation of 100 plus formulations for the in-house dispensation with a focus on standardized medicines through analytical lab. The academic ambience of the college motivates to enhance the capacity building of the staff through various faculty development programmes. Almost all the faculty Members are engaged in research activities contributing to confer evidence based status to this traditional Indian system of medicine. Contributions in the form of publications in national and international journal, chapters, books and monographs, patents and copyrights, extramural research projects had augmented the contours of research. The college publishes its own in-house peer reviewed ' Journal of Indian system of medicine' quarterly. It has active MOU's with reputed universities, Pharmaceutical companies, government and non government organizations. The college has generated more than a revenue of more than 60 lakhs through various consultancies.

The 180 bedded hospital with seven OPD, IPD, Panchkarma units and all medical facilities caters to the health needs of the society. The college organizes various outreach activities like health camps, janjagan, school health checkups; thus reaching the underserved population.

The college also has its own Ayurved Education unit for capacity building of the teachers in regard to the innovations in the field of Education. The Ayurved Education unit of the college is recognized as a Regional centre for teacher's training by CCIM.

## Educational courses

SN	Courses	Intake
<b>Degree Courses</b>		
1	BAMS <b>Post Graduate Degree Courses</b>	60
1	Ayurveda Vachaspati (MD)– Ayurveda Samhitaevum Sidhanta	4
2	Ayurveda Vachaspati (MD) – Rachana Sharir	4
3	Ayurveda Vachaspati (MD) – Dravyaguna Vigyan	4
4	Ayurveda Vachaspati (MD)– Ras Shastra evumBhaishajya Kalpana	6
5	Ayurveda Vachaspati (MD) – Agad Tantra	6
6	Ayurveda Vachaspati (MD) – Panchkarma	6
7	Ayurveda Vachaspati (MD)– Kayachikitsa	6
8	Ayurveda Dhanvantri (MS) – Shalya	2
9	Ayurveda Vachaspati (MD)– Kaumarbhritya- Bala Rog	6
<b>Ph.D. Programs</b>		
1	Panchakarma	6
2	Shalya Tantra	2
3	Dravyaguna Vigyan	2
4	Agadtantra and Vywahaar Ayurved	2
5	Samhita siddhanta	1
6	Rachana Sharir	1
7	Rasashastra	1
8	Kayachikitsa	1
9	Kaumarbhritya	1
1	Fellowship in Panchakarma	2
2	Fellowship in Ethnopharmacology	2



## Hospital Scope of Services

1. Front office Registration, Enquiry, Billing and Accounts
2. Pharmacy and Store
3. Laboratory Department
4. Radiology
5. Emergency
6. Outpatient
7. Human resource
8. Quality Department
9. Information Technology
10. Hospital Maintenance
11. Bio Medical Engineering
12. House Keeping
13. Medical Record
14. Nursing
15. Hospital Infection Control
16. Operation Theatre
17. Kayachikitsa
18. Panchakarma
19. ShalyaTantra
20. Shalakya Tantra
21. Striroga&PrasutiTantra
22. Kaumarbhritya
23. Swastharakshan
24. Physiotherapy
25. Day care
26. Wards
27. Outreach Activities
28. Rasashala

Sr. no	Name of Department	Scope of Services
1	Department of Kaumarbhritya	<b>Balroga Department</b> 1) Well equipped NBCC & pediatric ward 2) Well equipped OPD and IPD unit with 34 beds 3) Vaccination. 4) All Panchakarma procedures for pediatric patients 5) Keraliya rukshan & brihan procedures
2	DEPARTMENT OF KAYACHIKITSA	<b>Facilities:-</b> Well equipped OPD and IPD unit 44 bedded separate male and female wards Purvakarma & Panchakarma unit Rasayanchikitsa Vajikaranchikitsa Geriatric care
3	Department of Shalyatantra	<b>Facilities:-</b> 1) Well-equipped operation theatre for major and minor surgeries. 2) Ksharsutra and Ksharkarma unit. 3) Agnikarma unit. 4) Leech therapy unit. 5) Wound management unit.
4	Department of Panchakarma	<b>Facilities :-</b> <ul style="list-style-type: none"> <li>● Well equipped separate male and female Panchakarma procedure rooms</li> <li>● Sarvanga snehana and dhara droni</li> <li>● Shirodhara and Shirobasti Yantra</li> <li>● Vividha Basti Yantra</li> <li>● Vamana Yantra</li> <li>● Dhoompana Yantra</li> <li>● Padaabhyanga Yantra</li> <li>● Abdominal Massager</li> <li>● Traction</li> <li>● Physiotherapy Services provided by Panchakarma Department:</li> <li>● Shirobhyanga , Mukha Abhyanga</li> <li>● Abhyanga Mardana, Unmardana, Samvāhana</li> </ul>

		<ul style="list-style-type: none"> <li>•Udvaartana / Utsādana, Pādāghāta</li> <li>•Māstiskya, Shiro Lepa (Tala Potichil)</li> <li>•Siro-Basti, Kativasti, Januvasti</li> <li>•Various swedana procedure</li> <li>•Agnikarma</li> <li>•Shirodhara (Takra Dhārā)</li> <li>•Vamana, Virechana, Niruha basti</li> <li>•Anuvasana Vasti, Matra vasti</li> <li>•Uttaravasti, Nasya, Raktamokshana (siravyadha), Jalauka and</li> <li>•Keraliya Panchakarma Chikitsa Departmental Abilities</li> <li>•Departmental library having more than more than 100 books.</li> <li>•E-Museum Publication Courses</li> <li>•Post Graduate course</li> <li>•Fellow ship in panchakarma</li> <li>•PHD in Panchakarma</li> <li>•CCPA Course for 10<sup>th</sup> and 12<sup>th</sup> passed students</li> </ul>
5	Department of Shalaky Tantra (Ophthalmology, ENT & Dentistry)	<p><b>Facilities:-</b></p> <ul style="list-style-type: none"> <li>•Spectacles Prescription For (Refractive Error)</li> <li>•Well equipped ENT &amp; Ophthalmic OPD</li> <li>•Refractive Unit</li> <li>•ENT &amp; Ophthalmic Operation Theater</li> </ul> <p><b>Procedure -</b></p> <ul style="list-style-type: none"> <li>•Netra tarpan</li> <li>•Nasya</li> <li>•Gandusha &amp; Kawal</li> <li>•Ashchyotan &amp; Anajan</li> <li>•Shirodhara</li> <li>•Shirobasti</li> <li>•Shiropichu</li> <li>•Shirolepa</li> <li>•pratisaran</li> <li>•Karanpuran</li> <li>•Neti</li> <li>•Pindi chikitsa</li> <li>•Bidalak</li> <li>•Dhumpana</li> <li>•Karnadhupan</li> </ul>
6	Department of Prasutitantra & Strirog	<p><b>Facilities:-</b></p> <p>Well-equipped labour room and operation theatre. Minor gynecological procedures unit for uttarbasti, yoni dhavan yoni dhupan etc Ante natal &amp; Post natal care unit with 20 bedded separate female wards.</p>

### OUTREACHACTIVITIES

No. of Camps	Total Beneficiaries
Multi diagnostic 68	14967
Specialty : 36	7114
<b>Total :104</b>	<b>22081</b>

## Faculty of Nursing Sciences

### Smt. Radhikabai Meghe Memorial College of Nursing



Smt. Radhikabai Meghe Memorial College of Nursing was started under the umbrella of Maharashtra University of Health Sciences Nashik in 2003. In 2009, July 23rd the SRMM College of Nursing came under the ambit of Datta Meghe Institute of Medical Sciences Deemed to be University. This is the first Nursing College starting Basic B.Sc Nursing four years Degree course, 2 Years Post Basic B. Sc Nursing, M.Sc Nursing and Ph.D Nursing in the Department of Obstetrics and Gynecological Nursing, Medical Surgical Nursing, Child Health Nursing and Mental Health Nursing & Fellowship in Oncology Nursing, Evidenced Based Nursing practices, Geriatric Nursing and Neonatology Nursing and Perioperative care in the rural and backward region of Vidarbha. The present intake of the college for various graduate, Post graduate nursing programmes and PhD are 100 for Basic B.Sc, 50 for Post B.B.Sc and 25 for M.Sc Nursing and 5 for Doctorate in Nursing Sciences, 2 for Fellowship in Oncology Nursing, 2 for Evidenced Based Nursing practices, 2 for Geriatric Nursing and 2 for Neonatology Nursing and 2 for Perioperative care.

The college is blessed with adequate number of experienced and enthusiastic faculty members in all specialties. The faculty is well qualified experienced and hold recognized graduate and post graduate degrees likes M.Phil, Fellowship and Doctorate Degree. They are competent and additionally trained in medical education technology Basic as well as advanced course; Integrated and coordinated teaching program are planned and implemented regularly which contribute to academic excellence.

In the college the nursing education unit is newly developed with adequate infrastructure, equipments & qualified faculties. Now for smooth functioning of nursing education unit has created five departments under the ambit of nursing education unit.

The staff and students have started thinking from the point of view of the professionals to share their responsibility in the health team; to their best the college could promote fair,



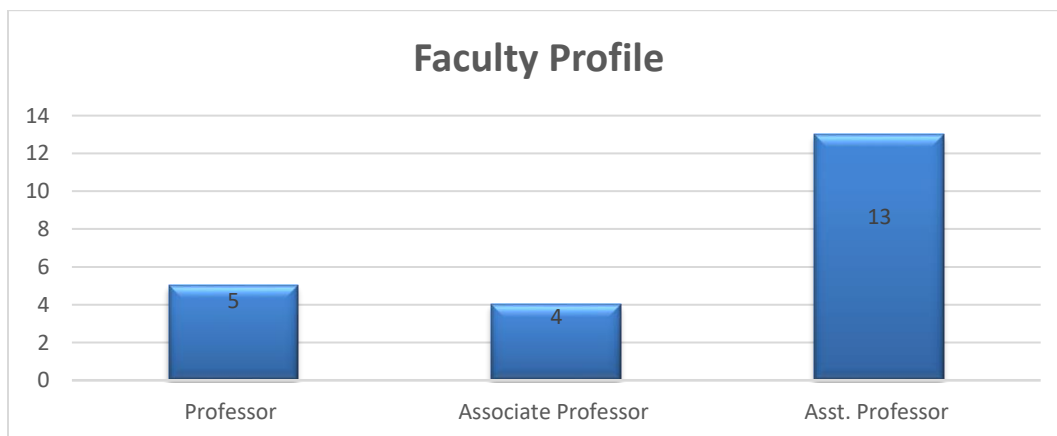
competitive learning atmosphere through well planned academic calendar. The board of the study has framed the syllabi for all the three nursing courses as per the guidelines of the apex body, "Indian Nursing Council" to match with the global health needs. Student's needs varied clinical experience, for which 1400 bedded parent hospital caters to all specialized and Super-specialized experience needs well equipped infrastructure in the college and hospital provides for most effective learning experiences. For experience in Community Health Nursing, the Institution is having its own rural and urban health centers. Students are accompanied by teachers in clinical area for their effective learning. Students are involved in the Comprehensive Community Health Care Programme. It is the interdisciplinary services provided by the adopted villages throughout the year.

To improve the quality of nursing care, the College of Nursing is taking up departmental, interdepartmental, National and International research works. Centre of Excellence for Evidence Based Nursing was incited and this Centre working on the Evidence Based Nursing Practices.

**a). EDUCATIONAL PROGRAMS AND THEIR INTAKE**

Sr.No	Name of the course	Intake capacity
1	Basic B.sc Nursing	100
2	Post Basic B.sc Nursing	50
1	M.sc Nursing	25
1	Fellowship in oncology nursing	02
2	Fellowship in Evidence based practices	02
	Fellowship in Geriatric Nursing	01
1	PhD in Nursing	05
2	PhD in interdisciplinary	02

- a) New educational programs started
- Fellowship in Peroperative Nursing Care
  - Fellowship in Neonatology Nursing
- b) No. of students pursuing Doctoral (Ph.D.) degree: 19



### Report of library

Infrastructural Facilities	5375 SQ FT ( Including Digital Library)
Reading Hall capacity	TOTAL-200 NO. (150-UG.25-PG & Staff-25 )
Digital Library:	YES
Infrastructure:	--
No. of computers	35 NO.
Internet Connectivity	Yes
Information resource material	--
No. of books:	10824 NO.
Text Books	6932 NO.
Reference Books	3892 NO.
Monographs	--
Others	Dissertation, Back Volumes, OPAC
No. of E-books	12624 NO.
No. of Journals subscribed:	1589 NO.
a) Hard form	32 NO.
b) Soft form	1557 NO.
c) Archival collection	110 NO.
Other learning resource material available in the Library	KIOSKY, Printer, Scanner
Memberships and sharing of library resources with other agencies, services and facilities availability in the library	PROQUEST ONLINE JRS. PACKAGE, DELNET, EBSCO, MUHS, WHO.



**Digital library**



**Glimpse of library**

#### **Laboratories, Clinical Services/facilities:**

The College is well equipped with all the learning material and spacious laboratories, lecture theatres, library, e-library, and digital library to keep abreast with the technological developments. Each classroom is equipped with modern teaching aids.

Clinical facilities available in the state of art tertiary care hospital comprising of Medical ward, Surgical ward, OBGY ward, Pediatric ward, Psychiatric ward, Orthopedics, EYE/ENT, Burns and Plastic Surgery, Neurosurgery ,Nephrology and Dialysis NICU,SICU& ICU/CCU Operation Theatres , Cath lab , Computerized Central Clinical Laboratory, Central Pathology

Laboratory ,Obstetrical-Painless labour, IUI treatment, Joint replacement and is availed for teaching undergraduate and postgraduate students.

Clinical Laboratories: : Nursing College has well equipped Fundamental of Nursing Lab, Community Health Nursing Lab, Maternal and Child Health Lab, Nutrition lab ,Advanced skilled lab through which students acquire skills with the help of advanced manikins.



Fundamental of Nursing Laboratory



Maternal Child Health Laboratory



Community Health Nursing Laboratory



Medical Surgical Nursing Laboratory



Nutrition Laboratory

### OUTREACH ACTIVITIES

No. of Activate	Total Beneficiaries
Outreach activates-13	4427

## Faculty of Para-Medical Sciences **RAVI NAIR PHYSIOTHERAPY COLLEGE**



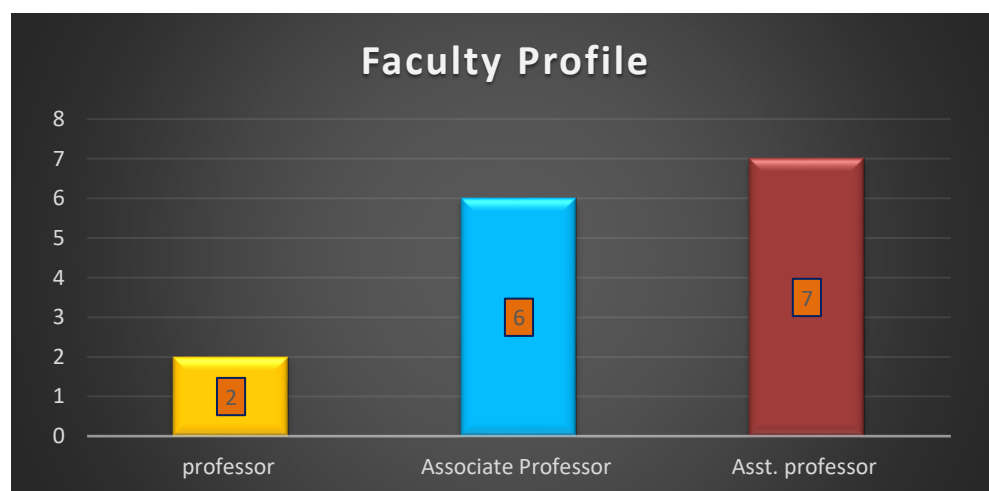
**RAVI NAIR PHYSIOTHERAPY COLLEGE** Established in 1998, has the intake capacity of 50 undergraduate students annually. Since inception the Institution has made steady progress and grown to the current stature. There is congenial wholesome academic atmosphere which is very conducive to research. It is recognized by the Maharashtra State Council for Occupational Therapy and Physiotherapy. The Vision and Mission of the University is perceived by the College in providing quality education, state of art patient care with responsibility along with specific emphasis on research. Physiotherapy Services are an integral part of the Multispecialty and super-specialty services rendered by the parent hospital Acharya Vinoba Bhave Rural Hospital (AVBRH). The social responsibility is been taken care of by the RNPC with sincere and dedicated staff and many outreach activities have been implemented and accomplished. Participation in comprehensive health teams, health camps and NSS are few activities to name in which the society obligations are being fulfilled.

### **Educational programs and their intake number**

<b>Name of the Course</b>	<b>Annual Intake</b>
B.P.T(Bachelor of Physiotherapy)	50

## New educational programs started in the year 2017- 18

Name of the Course	Annual Intake
M.P.T(Master of Physiotherapy)	12
	<b>SPECIALITIES</b> 1) Musculoskeletal Sciences–03 2) Neurosciences - 03 3) Cardiovascular and Respiratory Sciences –03 4) Community Health Sciences - 03
Ph.D.	03



### DEPARTMENT –WISE PHYSIOTHERAPY FACILITIES

Sr. No	Name of Department	Name of Facility/Services
1.	Musculoskeletal Physiotherapy	All the patients with Musculoskeletal disorders referred from AVBRH to the department of Musculoskeletal Physiotherapy is provided with following types of treatment modalities: <ul style="list-style-type: none"> <li>• Thermotherapy : SWD, Ultrasound therapy , HP, WP Therapy, PWB,CB.</li> <li>• Cryo therapy</li> <li>• Actinotherapy : LASER, IRR &amp; UVR</li> <li>• Traction Therapy : Cervical &amp; lumbar</li> <li>• Therapeutic Gymnasium: CPM, Shoulder wheel, pulley, Quadri table etc.</li> <li>• <b>Manual therapy</b></li> </ul>

2.	Neuro Physiotherapy	All the patients with Neurological disorders referred from AVBRH to the department of Neuro Physiotherapy is provided with following types of treatment : <ul style="list-style-type: none"> <li>• <b>Stroke rehabilitation</b></li> <li>• <b>Cerebral palsy rehabilitation</b></li> <li>• <b>Spinal rehabilitation</b></li> <li>• Neurosurgical rehabilitation</li> <li>• Balance &amp; co-ordination training</li> <li>• Gait Training</li> </ul>
3.	Cardio-vascular& respiratory Physiotherapy	All the patients with cardio and respiratory disorders referred from AVBRH to the department of cardiovascular and respiratory Physiotherapy is provided with following types of treatment : <ul style="list-style-type: none"> <li>• <b>Cardiac rehabilitation</b></li> <li>• <b>Pulmonary rehabilitation</b></li> <li>• Respiratory care in ICU, CCU &amp; CVTS</li> <li>• Fitness training and programs</li> <li>• Pre &amp; Post operative care in wards.</li> </ul>
4.	Community Physiotherapy	All the patients with surgery and gynecology disorders referred from AVBRH to the department of Physiotherapy is provided with following types of treatment : <ul style="list-style-type: none"> <li>• <b>Antenatal &amp; post natal care.</b></li> <li>• <b>Geriatric care</b></li> <li>• Burn rehabilitation</li> <li>• Visit to Geriatric home.</li> <li>• Visit to schools for physically challenge children.</li> <li>• Extension &amp; outreach activities for students.</li> <li>• Ergonomic Training</li> </ul>
5.	Occupational therapy	All the patients with orthopedic, neurological and pediatrics disabilities referred from AVBRH to the department of Occupational therapy is provided with following types of treatment. <ul style="list-style-type: none"> <li>• Orthotic devices</li> <li>• Recreational activity</li> <li>• Vocational rehabilitation</li> <li>• Home based activity</li> </ul>

## OUTREACH & EXTENSION ACTIVITY

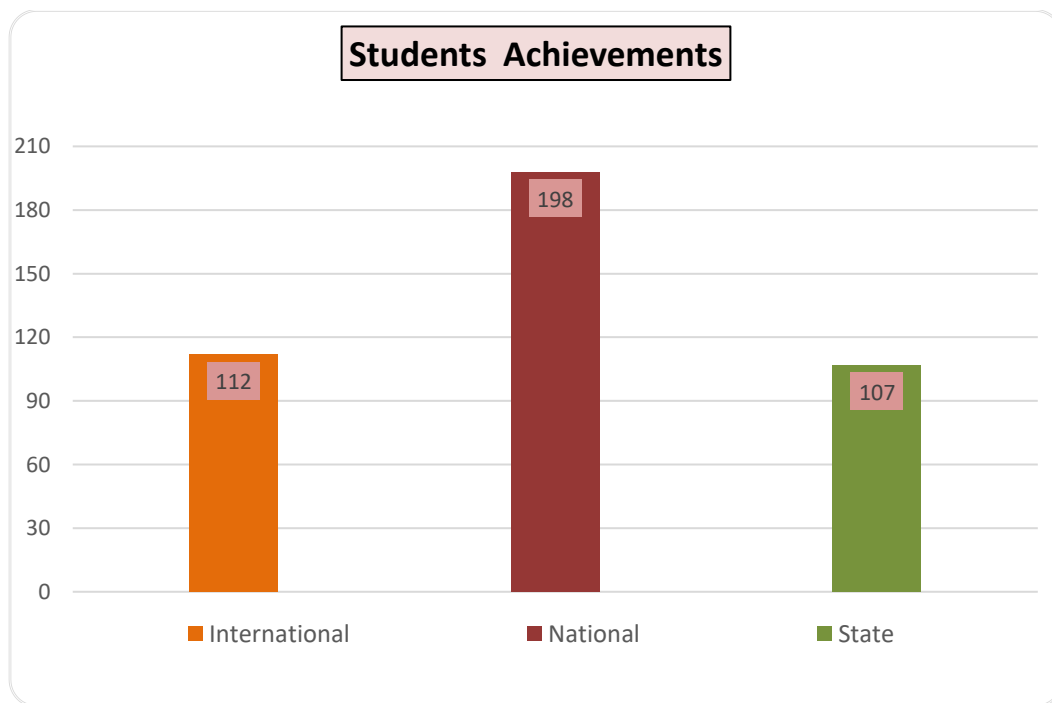
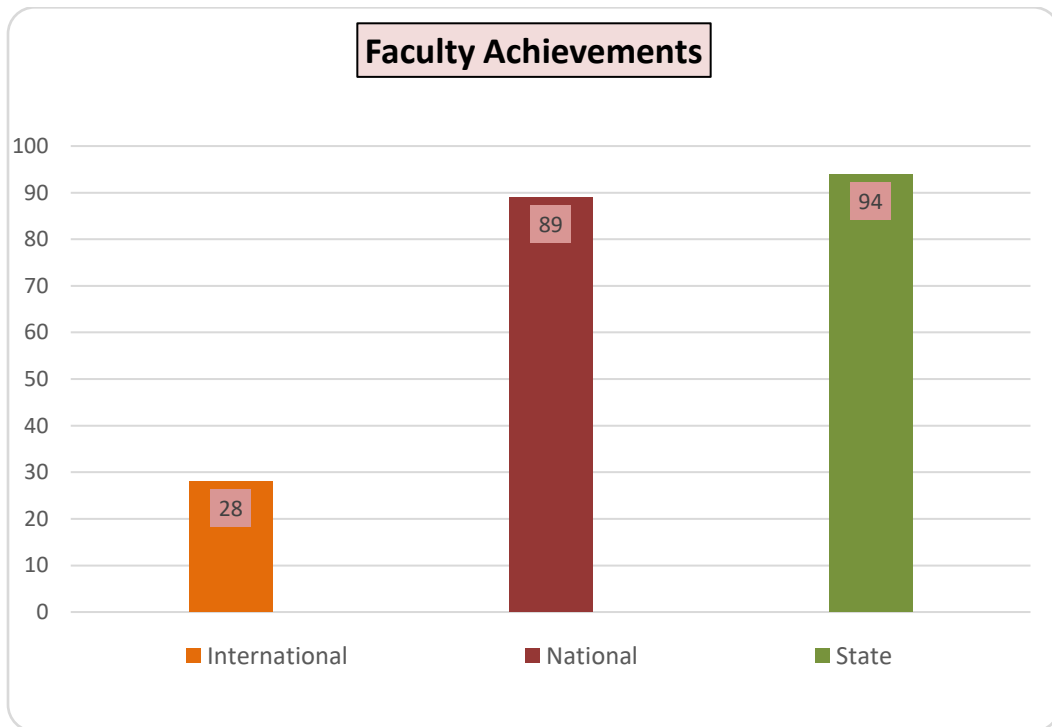
### EXTENSION ACTIVITY 2018

Sr No	activity	Screened patients	No. of Beneficiaries/ Reported to dept
1	Bhaskar Premier League	35	30
2	Hinganghat Premier League	48	40
3	State Level Badminton	98	72
4	Ralegaon Camp (Yawatmal Distt.)	190	100
5	Chamorshi Camp(Gadchiroli Distt.)	160	80



# Awards/Achievements/Recognition of Faculty & Students in DMIMS (Demeed to be University) 2017-18

(Awards, Speaker, Guest Lecture, Observer, Keyotne Person, Chair Person & Certificate of Appreciation)





## University Library



<b>Reading Hall capacity</b>	<b>1200 capacity</b>
<b>No. of computers</b>	<b>156</b>
<b>Internet Connectivity</b>	<b>(10 Mbps)</b>
<b>Information resource material</b>	
<b>No. of books:</b>	
Text Books	37331
Reference Books	25199
Monographs	
Others	
<b>No. of E-books</b>	<b>15277</b>
<b>No. of Journals subscribed:</b>	<b>2311</b>
a) Hard form	267
b) Soft form	2044
c) Archival collection for 1990 Years	6163
<b>Other learning resource material available in the Library</b>	<b>E-Museum, Webinar, Electronic database.</b>
<b>Memberships and sharing of library resources with other agencies, services and facilities availability in the library</b>	<b>InflibNet, British Council Library, DelNet, Ebsco (host), Proquest, North clinics. BMJ Best practice, Turnitin.</b>



## RESEARCH CELL



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 plagiarism. Bio-ethics practices was enhanced through establishment of UNESCO ethics unit and that has enhanced research aptitude in the faculties. Collaboration with IIT, Mumbai & VNIT, Nagpur in the field of medical device innovation lead to establishment of BETiC Innovation Cell 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 (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 1738 publications in last 3

years in International reputed data-bases with more than 1333 publications in 5 electronic databases (Scopus, PubMed, Indian Citation Index (ICI), Web-of Sciences and Google Scholar). 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 34 patent applications have been filed out of which 31 have been published. One Patent has been granted. 136 copyrights have been registered. Medical-Education-Research (MER) with number of publications being 87 in last four years, 14 Doctoral projects and 33 Copyrights. 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).

### Research Projects

#### List of Projects Selected by ICMR (Short Term Studentship) in 2017-2018

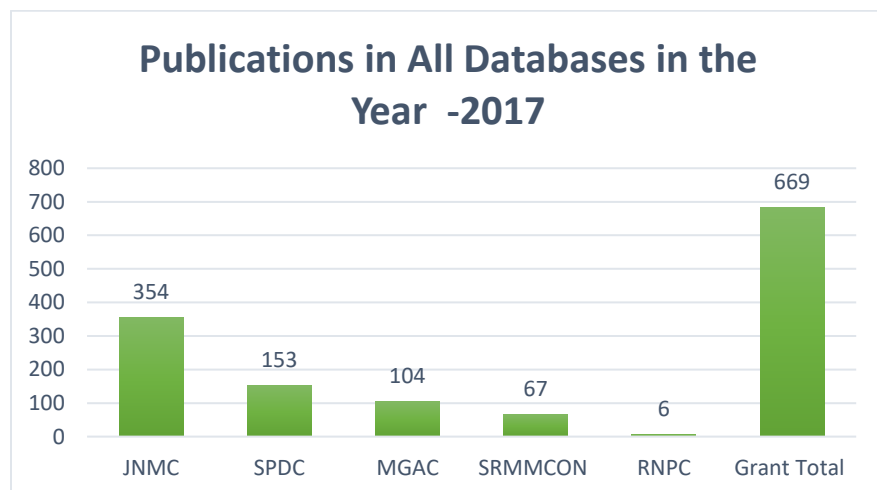
Sr. No.	Name of Student	ICMR Reference ID	Batch	Topic Name	Department	Guide Name	Amount
1	Itisha Ghiya	2017-04667	MBBS 1st	Variation in Branches of Coeliac Trunk.	Anatomy	Dr. Varsha Pande	10,000
2	Nikhil Mujbaile	2017-03622	MBBS 2nd	Study of virulence mechanism and antibiotic resistance of extra intestinal escherichia coli causing urinary tract infection.	Microbiology	Dr. Smita Damke	10,000
3	Niharika Kochhal	2017-02066	MBBS 2nd	A study of clinico-microbiological profile of surgical site infections in a tertiary care hospital.	Microbiology	Dr. Sonali Zadbuke	10,000
4	Kamini Mukesh Sakore	2017-01341	MBBS FINAL	Identification of Stressors causing Suicidal Tendency and Impact of	pharmacology	Dr. Rajesh Jha	10,000

				Psychotherapy in comparison to Drug Therapy: A Cross-sectional Study among budding health professionals.			
5	Priyal Sandeep Shrivastava	2017	MBBS 1st	Assessment of mean platelet volume (MPV) in patients with type 2 diabetes mellitus (T2DM) in a rural back drop of central India	Physiology	Dr. Nazli Khatib	10,000
6	Nancy Namrata Mahapatra	2017-06289	Final MBBS Part II	Myocardial Performance index in Prediabetes, in Medical Staff.	Medicine	Dr. T. K. Kamble	10,000

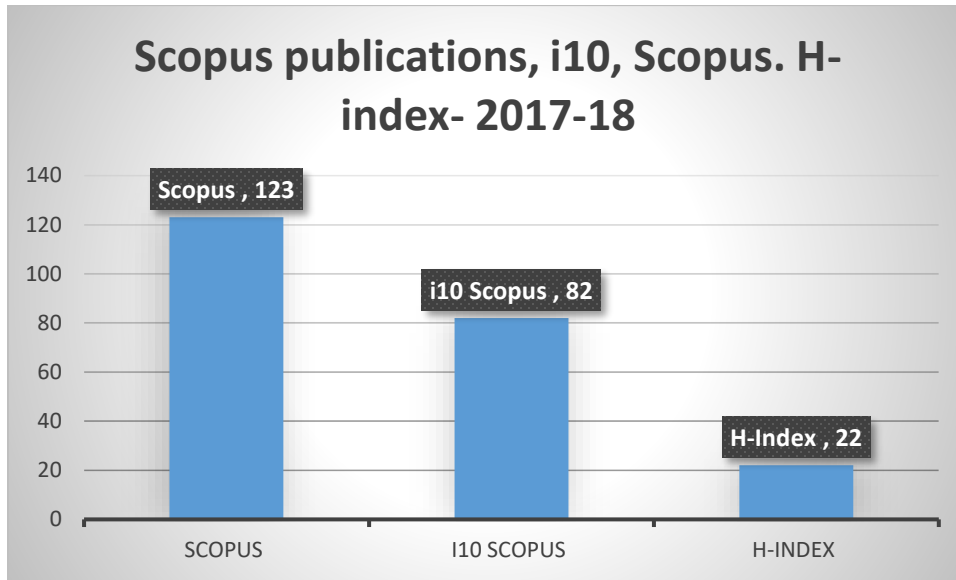
**List of Projects Selected by ICMR (Short Term Studentship) in 2017-2018**

Sr No	Institute Name	PG Student Name	Guide Name	Department	Thesis Title	Funding Agency	Amount
1	JNMC	Dr. Monisha Singh	Dr. Neema Acharya	OBGY	Comparative study of endometrial and sub endometrial angiogenesis in unexplained infertile and fertile patients	ICMR	50,000
2	JNMC	Dr. Mayank R Dhore	Dr. Asha R Jha	Pharmacology	Investigation and comparison of the antibacterial effect of <i>Allium cepa</i> and <i>Cinnamomum zeylanicum</i> against some common bacteria	ICMR	50,000

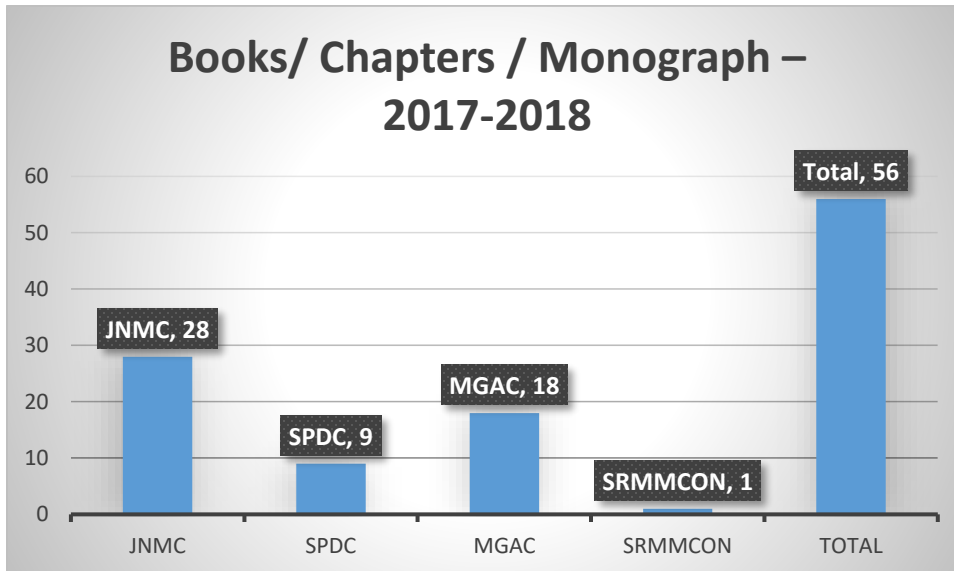
					causing urinary tract infection (UTI) : in vitro study		
3	JNMC	Dr. Smaran Cladius	Dr. Babaji Ghewade	Respiratory Medicine	Study of diabetes mellitus in association with tuberculosis	RNTCP	30,000
4	JNMC	Dr. Parijat Pansey	Dr. Babaji Ghewade	Respiratory Medicine	Study of initial drug resistance in newly detected cases of pulmonary tuberculosis by CBNAAT in a rural setup	RNTCP	30,000
					<b>Total</b>		<b>160,000</b>



**Scopus publications, i10, Scopus. H-index- 2017-2018**



**Books/ Chapters / Monograph – 2017-2018**



**Extramural Grants Ongoing National Funded Projects:**

**Extramural Funded Project Ongoing- 2017 -2018**

**Pre-Clinical Studies**

Sr No	Name of the Funding Agency	PI/Co-PI	Title of the Project	Amount Received in 2018-2019 (In Rupees)
1	Siddhayu Research Foundation	Mr. Manish Deshmukh	Acute Oral Toxicity Study of Alhagi camelorum in Wistar Rats – Fixed dose procedure – OECD guideline 421	37,800
2	MSME/MGIRI Govt. of India	Mr. Manish Deshmukh	Double blind randomised clinical study to evaluate safety and efficacy of Probiotic Honey in children	88200
3	Unijules Life sciences	Mr. Manish Deshmukh	Preclinical evaluation of activity of polyherbal formulation in Hypothyroidism	16500
4	Unijules Life sciences	Mr. Manish Deshmukh	Study on Jwarahara effect of Poly herbal formulation	48000

**Ongoing Extramural Funded Project Ongoing in 2018**

**INR 4 Crore 57 Lakhs 31 Thousand Received from 13 Ongoing Extramural Projects from start of the ongoing Extramural project till date**

Sr No	Name of the Funding Agency	PI/Co-PI	Title of the Project	Amount Received till date (In Rupees)
1	Erasmus European Commission, Israel	Mr Rajiv Yeshroy Dr Punit Fulzele Dr Abhishek Joshi Dr Mrs Borle	Erasmus+ CBHE SILCE Project	17.17 Lakh
2	Bournemouth University, UK	Dr Abhay M Gaidhane Dr S Z Quazi	Lifestyle, health & wellbeing of Nepali migrants in India: A qualitative study	2.06 Lakh
3	Sub contract Agreement from the summit	Dr Abhay M Gaidhane Dr S Z Quazi	Development for thrive multisite study : Open SRP for Maternal, Newborn, and child health WHO, supported by	9.91 Lakh



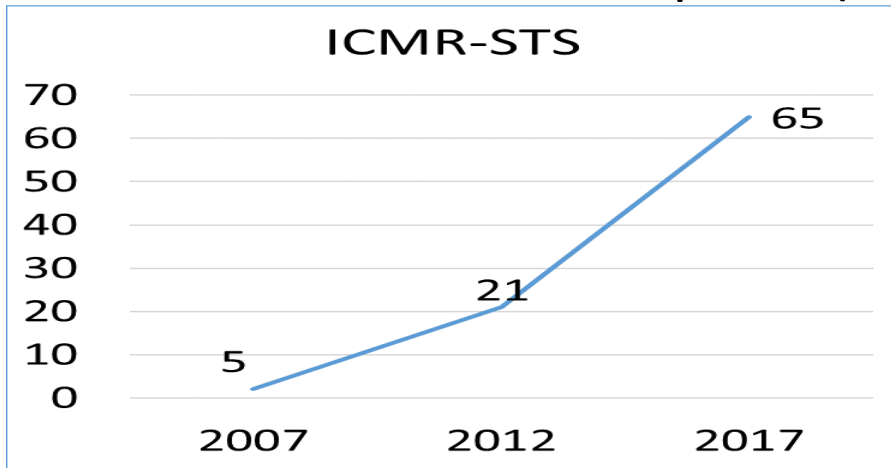
	institute of Indonesia (WHO; Harvard University USA)		the Qualcomm Wireless Reach Initiative	
4	Grand Challenges Canada (Round 4)	Dr Abhay M Gaidhane Dr S Z Quazi	Saving Brains : Scaling early childhood development at Anganwadi Centers in India	1 Crore 32 Lakh Indian rupees
5	Indian Council Medical Research (ICMR)	Dr Mahalaqua Nazli Khatib Dr Abhay M Gaidhane Dr S Z Quazi	Effect of Social Media on Adolescent health : A systematic review & Meta Analysis	2. 90 Lakh
6	PHFI, Indian Institute of Public Health- Gandhi Nagar(PHFI)	Dr Abhay M Gaidhane Dr S Z Quazi	District Health Management and Public Service Delivery: Evidence from India	5.62 Lakh
7	George Institute for Global Health Canada	Dr Sandeep Shrivastava	International orthopedic Multi-centre Study in Fracture Care (INORMUS)	1.58 Lakh
8	Tribal Health	Dr Abhay M Gaidhane Dr S Z Quazi	Community Based Participatory Research In Tribal Health : Improving Health through Comprehensive Health Approach - Aarogya Plus Project in and around Pench Tiger Reserve Maharashtra.	72.56Lakhs
9	Grand Challenge Canada (Round 5)	Dr Abhay M Gaidhane Dr S Z Quazi	Effectiveness of maternal nutrition and parenting program on cognitive development of children from rural India at 2 years of age: A Cluster Randomized Controlled Trial	(1 Crore 25 lakh Indian Rupees) 1.08 Crore
10	DBT- PHRI	Dr Abhay M Gaidhane Dr S Z Quazi	Epidemiological study on estimating the burden of soil transmitted helminthes infections amongst antenatal women in selected states of India	(30 Lakh Sanctioned) 14.53 Lakh
11	Grand Challenge Canada – Transition to Scale	Dr Abhay M Gaidhane Dr S Z Quazi	Stepping Stones – Transition to Scale (TTS)	(75 Lakhs Sanctioned) 72.10 Lakhs Received
<b>SPDC</b>				
12	Smile Train	Dr Rajiv Borle	Smile Train Acharya Vinoba Bhawe	Twenty Lakh

		Dr Nitin Bhola	Rural Hospital Project	Four Thousand
<b>MGAC</b>				
<b>13</b>	AYUSH	Dr ShyamBhutada Dr Bharat C	Management of Lifestyle Disorder – Diabetes II – Ayurvedic Practices.	60.00 Lakh
<b>14</b>	National Medicinal Plant Board (NMPB)	Dr Kobragade	Herbal Garden : Conservation and demonstration center of medicinal plants in Vidarbha	2.80 Lakh

#### Ongoing Pre-Clinical Studies

<b>Sr No</b>	<b>Name of the Funding Agency</b>	<b>PI/Co-PI</b>	<b>Title of the Project</b>	<b>Amount Received till date (In Rupees)</b>
1	Unijules Life sciences	Mr. Manish Deshmukh	Acute toxicity study of Ferbrenol	41500
2	Govt. College Of Pharmacy, Amravati	Mr. Manish Deshmukh	Evaluation of Anti-inflammatory herbal gel formulation	6000
3	Siddhayu Research Foundation	Mr. Manish Deshmukh	Acute Oral Toxicity Study of Berberis aristata in Wistar Rats – Fixed dose procedure – OECD guideline 421	48600
4	Siddhayu Research Foundation	Mr. Manish Deshmukh	Acute Oral Toxicity Study of SIDCOF-HF, Syrup (Batch No- 4805) in Wistar Rats – Fixed dose procedure – OECD guideline 421	10800
<b>5</b>	PHPL, Ahmdabad	Mr. Manish Deshmukh	Sub acute Toxicity study of Spinach in Wistar Rats	15000

### Trend of ICMR Short-Term-Studentship Award (ICMR-STs)



**Extramural UG ICMR STS Grant ICMR – 2017**

Sr. No.	Name of Student	ICMR Reference ID	Studying In	Topic Name	Department	Guide Name	Amount
1	Ms. Mubasshira Maryam Khan	2017-02386	3rd MBBS	Assessment of health determinants of breast cancer patients using of the EORTIC QLQ-C30 in rural tertiary hospital of a district in central India	Community Medicine	Dr. PramitaMuntodeGharade	10,000
2	Aditya Jayant Khandekar	2017-01152	3rd MBBS	Mean platelet volume as a prognostic indicator in sickle cell anemia	Medicine	Dr. Sourya Acharya	10,000
3	PakhiShripal Sharma	2017-01766	3rd MBBS	Risk factors, awareness, and audiometry pattern of chronic suppurative otitis media in a rural population	ENT	Dr. Prasad Deshmukh	10,000
4	Nikhil Mujbaile	2017-03622	MBBS 2nd	Study of virulence mechanism and antibiotic resistance of extra intestinal escherichia coli causing urinary tract infection.	Microbiology	Dr. SmitaDamke	10,000
5	Niharika Kochhal	2017-02066	MBBS 2nd	A study of clinico-microbiological profile of surgical site infections in a tertiary care hospital.	Microbiology	Dr. Sonali Zadbuke	10,000
6	KaminiMukeshSakore	2017-01341	MBBS FINAL	Identification of Stressors causing Suicidal Tendency and Impact of Psychotherapy in comparison to Drug Therapy: A Cross-sectional Study among budding health professionals.	pharmacology	Dr.Rajesh Jha	10,000

7	Priyal Sandeep Shrivastava	2017-00974	MBBS 1st	Assessment of mean platelet volume (MPV) in patients with type 2 diabetes mellitus (T2DM) in a rural back drop of central India	Physiology	Dr. Nazli Khatib	10,000
8	Nancy Namrata Mahapatra	2017-06289	Final MBBS Part II	Myocardial Performance index in Prediabetes, in Medical Staff.	Medicine	Dr. T. K. Kamble	10,000

**Extramural PG Thesis Grant ICMR - 2017**

Sr No	Institute Name	PG Student Name	Guide Name	Department	Thesis Title	Funding Agency	Amount
1	JNMC	Dr. Monisha Singh	Dr. Neema Acharya	OBGY	Comparative study of endometrial and sub endometrial angiogenesis sin unexplained infertile and fertile patients	ICMR	50,000

2	JNMC	Dr. Mayank R Dhore	Dr. Asha R Jha	Pharmacology	Investigation and comparison of the antibacterial effect allium cepa and cinnamomumzeylanicum against some common bacteria causing urinary tract infection (UTI) : in vitro study	ICMR	50,000
3	JNMC	Dr. SmaranCladius	Dr. BabajiGhewade	Respiratory Medicine	Study of diabetes mellitus in association with tuberculosis	RNTCP	30,000
4	JNMC	Dr. ParijatPansey	Dr. BabajiGhewade	Respiratory Medicine	Study of initial drug resistance in newly detected cases of pulmonary tuberculosis by CBNAAT in a rural setup	RNTCP	30,000

**Center of Excellence**  
**School of Epidemiology and Public Health (SEPH)**  
(Director- Dr. Abhay Gaidhane )

**VISION: Prepare leaders in public health science and practice**

❖ **Academic course-**

**Master of Public Health (in collaboration with Dept of Community Medicine)**

❖ **Activities of the school:**

**2017**

1. MEDHA- Medical Device Hackathon on 4 to 6<sup>th</sup> August 2017 by COE-SEPH in collaboration with Research & Development Cell, DMIMS(DU), IIT, Bombay, VNIT, Nagpur.
2. Oration on 'Yoga & Research' conducted on 16 /08/2017, by Prof. B. N. Gangadhar (Hon'ble Vice Chancellor & Director, National Institute of Mental Health & Neurosciences (NIMHANS), Bengaluru and Prof Prakash Behere, Hon'ble Vice Chancellor, DY Patil Education Society (Deemed University), Kolhapur
3. PhD Scholars workshop on 'Writing Research Protocol' on 22 & 23 September 2017, in collaboration with PhD Cell and R& D cell, DMIMS(DU).
4. Orientation workshop on Research methodology for Fellowship candidates on 6 Nov 2017, by COE\_SEPH in collaboration with School of Advanced study and R &D cell, DMIMS(DU).

**Guest lectures :**

- 1) 'Art of Writing a Good Research Article & Current Issues in Biomedical Publication' by Dr Anju Sharma, Scientist 'G', Division of Publication & Information, ICMR, Department of Health Research, New Delhi, India
- 2) 'V moves' on 01/07/2017 by Dr Kaumudi Joshipura, Director (NIH Endowed) of the Center for Clinical Research and Health Promotion at the University of Puerto Rico Medical Sciences Campus

**2018**

1. Data management and report writing' Workshop (Phase II) for PhD Scholars, on 4 & 5 Jan 2018, in collaboration with PhD Cell and R& D cell, DMIMS
2. Establishment of a unit on 'Early childhood development' by School of Epidemiology & Public Health
3. Workshop on Prime Minister, Doctoral Fellowship of DST Govt. of India on 14 July 2018
4. Workshop on Rapid prototyping beyond Computed tomography (by BETic, R &D, IIT Mumbai, VNIT and SEPH were the joint partner) on 16th and 17th January 2018 .
5. ACIES 2018 - International Public Health Students Conclave at Indian Institute of Public Health, Gandhinagar on 17th to 18th January 2018. (SEPH was the joint partner).
6. Visit of Mr Rich Fletcher, faculty from MIT USA. Discussions held on the possible opportunity for joint funded projects in biomedical technology on 23rd and 24th January 2018.
7. Global Health Education Meet at MGIMS Sevagram on 6th and 7th February 2018.
8. Visit of faculty from AIIMS New Delhi, AIIMS Jodhpur and Gandhinagar and Rajkot. Interaction with students regarding the research opportunities for postgraduates and prospects on 6th February 2018.

❖ **Divisions of school**

- Evidence synthesis-
- Global Health & Social epidemiology
- Clinical Epidemiology

❖ **Collaborations- Linkages**

**International**

1. John Moore's University, Liverpool UK
2. Harvard School of Public Health, Harvard University, USA
3. Bourmouth University, UK
4. School of Public Health, University of Sydney, Australia
5. University of Chester, UK

**National**

1. Indian Institute of Public Health, Gandhinagar
2. Public Health Foundation of India, New Delhi
3. National Institute of Nutrition, Hyderabad
4. Tata Institute of Social Sciences, Mumbai
5. Public Health Department / NRHM Government of Maharashtra
6. Christian Medial College, Vellore
7. MPHESA, Manipal
8. Lata Medical Research Foundation (LMRF), Nagpur

- 9. MAHAN Trust Melghat, Maharashtra
- 10. SEARCH Gadchroli, Maharashtra

❖ **Glimpses**

Workshop on ‘Protocol development’ for PhD scholars on 30<sup>th</sup> and 31<sup>st</sup> March 2017



With Dr Kaumudi Joshipura depicting the symbol of Vmove on 01/07/2017



**BETiC Innovation cell**

Biomedical Engineering and Technology (incubation) Centre (BETiC) Innovation Cell, DMIMS(DU) was inaugurated on 6<sup>th</sup> August 2017 by the hands of Hon’ble Dr Vedprakash Mishra, Pro- Chancellor, DMIMS(DU), in presence of Dr Quazi Syed Zahiruddin, Director (R&D), Dr Abhay Gaidhane, Dr Unthawale, Principle, DMIETR. (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.

### Medical Device Hackathon (MEDHA) 2017

The Medical Devices Hackathon (MEDHA) 2017 in collaboration with BETiC VNIT, IIT Mumbai & COE Pune, was held from 4<sup>th</sup> to 6<sup>th</sup> August 2017 at Central Research house, Datta Meghe Institute of Medical Sciences (Deemed University), Wardha. It was 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. BETiC–Biomedical Engineering and Technology incubation) Centre network, comprising Indian Institute of Technology, Bombay, Visvesvaraya National Institute of Technology, Nagpur and College of Engineering, Pune organized MEDHA in collaboration with DMIMS(DU) and DMITR, YCCE, Nagpur.

Eminent faculty from IIT Bombay and VNIT Nagpur enlightened the participants with their knowledge. The event was possible under the leadership of Prof. B. Ravi, institute chair professor in IIT Bombay. Dr. Abhay. M. Kuthe, Professor and former Head of department in Mechanical Engineering, VNIT Nagpur also graced the event. The participants of the MEDHA hailed from various institutes across the nation namely IIITDM, Jabalpur, IIITDM, Kanchipuram, K.K.I.S.T. Ramtek, B.N. C.O.E Pusad, VNIT, PCE & Y. C.C.E. Nagpur, JNMC, SPDC, RNPC & DMIETR, Wardha.

In the august presence of Hon'ble Dr A J Anjankar, Registrar, DMIMS(DU), Hon'ble Dr VK Deshpande, Pro Vice-Chancellor, DMIMS(DU), Hon'ble Dr S S Patel, Chief Coordinator, DMIMS(DU) the event was held.

The event was organised under the leadership of Prof. B. Ravi, Prof. A. M. Kuthe, Dr. Rupesh Ghyar, Mr Ashutosh Bagde & Mentors of BETIC, VNIT Nagpur, IIT Bombay & COE, Pune. The members were Dr Sunil Nikose, Dr Sonali Chaudhary, Dr Arpita Jaiswal, Dr Amit Reche, Mr. Rushikesh Shete, Mr. Shirish Gandhare, Dr Vivek Gupta, Dr U P Waghe, Dr Sachin Untawale, Dr Swanad Pathak, Dr D R Ikhar, Dr Smita Nagtode, Dr S Shrihari, Dr Anita Wanjaria.



### “Rapid Prototyping Beyond CT” Workshop

Workshop on “Rapid Prototyping Beyond CT” was organised by BETiC Innovation cell, in association with Biomedical Engineering and Technology (incubation) Centre, VNIT Nagpur & DMIETR, Salod YCCE, Nagpur on 16<sup>th</sup> and 17<sup>th</sup> Feb 2018 at Research House, DMIMS, Sawangi, wardha. The workshop was funded by Medical Council of India with a grant of Rs 50,000/.



The faculty for the workshop were and there topics were:

Sr	Faculty name	Topic
1.	Dr Abhaykumar Kuthe, Prof. VNIT, Nagpur.	Introduction to Rapid Prototyping
2.	Dr. Arati Mulay, Prof.,COE Pune	Medical device innovation and Rapid prototyping.
3.	Dr Gaurav Mishra, Asst. Prof., Dept of Radio diagnosis, JNMC	CT and medical diagnostic imaging
4.	Dr.Rashmi Uddanwadiker, Asst. Prof.,VNIT Nagpur	3D printed Temporal Bone for anatomical study.
5.	Dr Nakul Rathi, implantologist, Ohio USA.	Clinical use of rapid prototyping in dentistry
6.	Mr Mahesh Mawale, ASso. Prof, KITS Ramtek.	Development of innovative medical products using TRIZ and Layered Manufacturing.
7.	Mr Ashutosh Bagde & Mr Pranav Sapka, Research Scholar, VNIT Nagpur	Applications in tissue engineering
8.	Mr Sandeep Dahake, Research Scholar, VNIT Nagpur	CT to CAD model and MIMIC software.



**Joint Meeting of Head of Institution; Meghe Group of Institution Technical Colleges was convened at Central Research House, DMIMS (DU) to promote Medical device innovation:**



**Seminar on Biomedical engineering' as thrust area in engineering at DMIETR**  
held at Datta Meghe Institute of Engineering, Technology & research, Sawangi (M), Wardha



**Seminar on awareness regarding medical device innovation among students**

A seminar on Awareness regarding medical device innovation was conducted during Internship induction Programme at JNMC on 18/01/2018 by BETiC Interns were encouraged to share their ideas about innovations required in health sciences.



11 students enrolled from DMITER, Salod and RG CET, Pondicherry for a period of 1 month during which the students developed 3 prototypes to solve 3 unmet clinical needs.



**Grants:**

- MEDHA: Medical Device Hackathon: **Rs.1 Lakh** by Indian Council of Medical Research &**Rs.50,000/-** by Medical Council of India.
- Workshop on “Rapid Prototyping Beyond CT”: **Rs.50,000/-** by Medical Council of India
- Device development program by DST in collaboration with DMITER: **Rs 20 Lakhs**
- Winner of the DST-Lockheed Martin-Tata Trusts India Innovation Growth Programme (IIGP) 2.0 - University Challenge 2018 with a grant of **Rs. 10 Lakhs** .
- Selected for New Gen IEDCs under the aegis of NSTEDB, DST, Govt. of India.

**Visits:**

- **Prof. Rich Flecher** leads the mobile technology group at MIT D-Lab.
- **Mr Patik Gandhi** is the Founder & CEO of Edulab Educational Exchange Pvt. Ltd..

- **Dr. José Ruguê.** President of the World Movement of Ayurveda, based in Milan - Italy and members worldwide.

### **Molecular Biology and Epidemiology Laboratory**

**Molecular Biology and Epidemiology Laboratory established in September 2017 with the goals to:**

- Excel in the focused research areas
- Collaboration of MBEL with Institutes and Laboratories in India and abroad.
- Capacity Development through Research, Training Programmes, Conferences, Workshops and Seminars.

#### **Activities of MBEL**

- Funded Projects: 03
- Collaborative Projects: 01
- Papers published 07
- Doctoral thesis completed 02
- Gained expertise in next generation sequencing



Dr. N.K. Mehra, (AIIMS, New Delhi) & Mr. Vinay Shetty (Think Foundation) visit to Molecular Biology & Epidemiology Laboratory followed by interactive discussion on Molecular Immunology

## Central Research Laboratory

### Preamble

Central research laboratory (CRL) is the central place of research in Datta Meghe Institute of Medical Sciences, Deemed university (DMIMS) Sawangi, India. Worth to mention that the modern medical science is an outcome of the inter-disciplinary co-operation in teaching and research. The establishment of the laboratory with participation from all teaching departments of these colleges has raised the inter-departmental and consequently the institutional research to the higher pedestal. This paved the way for inter-departmental co-operation in research by various departments of medical, dental, ayurvedic and nursing colleges.

### The organization

Genetic Lab  
Immuno-Histochemistry and Fluorescent Microscopy lab  
Oral Pathology lab  
Ras-Shala ( ayurveda lab)

### Major equipments and facilities:

#### Equipments :

There are total 79 major equipments in CRL and collateral labs which includes HPLC, real time PCR, ELISA washer and reader , vital immunodiagnostic assay system ( mini – VIDAS), mili Q water plant and ion specific electrode for Lithium estimation.

#### TDM unit

Central Research Laboratory of DMIMS is the second institutional lab besides KEM Mumbai in the state of Maharashtra, India which is having functioning therapeutic drug monitoring unit. It is catering the need of the rural population in the area. Following TDM facilities are available and regularly availed by different departments in JNMC for therapy optimization.

<b><u>TDM Investigations</u></b>
Plasma Phenytoin
Plasma Carbamazepine
Plasma Sodium Valproate
Plasma Lamotrigine
Plasma Theophylline
<b><u>Electrolyte Analyzer Investigations for TDM</u></b>
Serum Lithium Ion
<b><u>Mini VIDAS based TDM investigations</u></b>
Serum Digoxin estimation.

#### Antimicrobial Stewardship Program

Indian Council of Medical Research (ICMR) the apex body of medical research in India has granted the status of collaborating centre of JNMC for the antimicrobial stewardship program. CRL is actively involved in implementation of this program

#### Cold chain facilities

CRL is also equipped with the two deep freeze one with -80<sup>0</sup> c storage facility and the other with -40<sup>0</sup>c storage facility.

#### Calibrations

All the instruments (except self calibrated ones) are calibrated by external agency and these certifications are displayed in the lab.

#### Controlled environment

The whole lab is air conditioned so as to control the temperature and humidity in the lab

#### Standard operating procedures

There are standard operating procedures (SOPs) for all the equipments validated by professors from pharmacology and biochemistry departments. The SOPs are reviewed and updated yearly.

#### Research areas and utilization

### Optimal utilization targets (100% achieved)

INSTITUTE	No. of Dept.	No. of Project (70%)	Individual Optimal utilization (60%)				Collaborative Optimal utilization (40%)				
			Target	Target achieved	ongoing	completed	Target	Target achieved	ongoing	completed	

<b>JNMC</b>	20	14	08	16	12	04	06	08	02	06
<b>SPDC</b>	09	06	04	07	04	03	02	06	03	03
<b>MGAC&amp;RC</b>	14	10	06	03	02	01	04	02	01	01
<b>SRMMCON</b>	05	03	02	03	03	-	01	02	02	-

Till date, 68 research projects has been completed at CRL with 15 are underway. Following are the main research areas in which research is conducted in CRL.

1. Therapeutic Drug Monitoring (TDM) for Phenytoin, Carbamazepine, Lamotrigine, Valproate estimation by HPLC, Digoxin by Vital Imminodiagnostic assay system and Lithium by Ion specific electrode technique.
2. Estimation of markers of oxidative stress (MDA/SOD).
3. Population kinetics and dynamic studies involving Pharmacogenetics with RT PCR techniques.
4. Research in hormonal studies.
5. Research in enzymatic studies in various clinical conditions.
6. Spectrophotometric analysis.
7. Colorimetric determinations of analytes in blood and body fluids.
8. Electrophoretic patterns in various conditions.
9. Cytogenetics

Investigations for animal samples

1. With the installation of Biochemical analyzer for animal sample studies
2. Cell counter for hematological parameter in animals

CRL is not equipped to analyze most of the animal samples for the research.

#### Consultancy

CRL is providing consultancy for the extra institutional research projects till now 6 extra institutional research projects from Khammam (AP), Haridwar (uttarakhand) and Mumbai (Maharashtra) were provided the research facilities.

#### Chemicals

There is a meticulously maintained repository of more than 400 chemicals at CRL

#### Community services provided

Besides research, the laboratory also caters the health needs of Acharya Vinoba Bhave rural hospital in terms fertility profile investigations.

### Journal Cell

Name of Journal	Date of Publication of issue	Name of Indexing Agency and Abstracting Data Basis
Journal of Datta Meghe Institute of Medical Sciences (JDMIMSU) (Total No of Issues : 4)	30 <sup>th</sup> April 31 <sup>st</sup> July 31 <sup>st</sup> Oct 31 <sup>st</sup> Jan	Baidu Scholar, CNKI (China National Knowledge Infrastructure), EBSCO publishingsElectronic Databases, Exlibris – Primo Central, Google Scholar, Hinari, Infotrieve, National Science Library, ProQuest, TdNet, Index Copernicus, Scimago Journal Ranking, SCOPUS
Journal of Health Sciences Educations (JHSE) (Total No of Issues : 2)	30 <sup>th</sup> June 31 <sup>st</sup> December	Google Scholar (Applied)
Journal: Journal of Indian System of Medicine (JISM) (Total No of Issues : 4)	30 <sup>th</sup> April 31 <sup>st</sup> July 31 <sup>st</sup> Oct 31 <sup>st</sup> Jan	Google Scholar (Applied)
Journal of Rural Nursing (JRN) (Total No of Issues : 2)	30 <sup>th</sup> June 31 <sup>st</sup> Dec	Google Scholar (Applied)
DMIMS Journal Of Dental Research (JODR) (Total No of Issues : 4)	31 <sup>st</sup> March 30 <sup>th</sup> June 30 <sup>th</sup> September 31 <sup>st</sup> December	Google Scholar (Applied)
Students Journal of Health Sciences (SJHS) (Total No of Issues : 2)	30 <sup>th</sup> June 31 <sup>st</sup> Dec	Google Scholar (Applied)
Journal of School of Advanced Studies	30 <sup>th</sup> June 31 <sup>st</sup> Dec	Google Scholar (Applied)

## Center of Excellence Health Sciences Education Policy and Planning

(Dr. Vedprakash Mishra)  
Honorary Director,

### Scope :

The concept of **'welfare state'** as enshrined in the Constitution of India contemplates an around development of all its citizens, so that they are brought into the main stream of developmental profile of the country. The 'State' has been identified as the constitutional authority for dispensation of the enshrined mandate.

The segregation into Legislative, Executive and Judicial domains with attributable powers thereto is one of the important features that has been prescribed in the Constitution. As such, **'planning and policy making'** turns out to be one of the important dispensations which are required to be carried out by all the policy making and planning authorities with a core focus that it must aid and contribute in actualizing the contemplated concept of the **'Welfare State'** envisioning emancipation of one and all independent of any and every differentiation and demarcation that be.

The important cardinal parameters of 'Education and Health' go to contribute to the concept of emancipative welfare for all in a very huge and substantial manner. As such, **'medical education'**, which turns out to be the edifice on which the onus and responsibility of generation of trained health manpower rests which in its turn is to shoulder the efficacy of the healthcare delivery system in the country needs and merits **'appropriate planning and resultant policy making'**.

It has been a consistent observation that the scientific rationale for invocation of diligent planning and there-from evolution of required policy has been lacking in a very substantial manner. As a result of this **'perceptible paucity'**, bulk of planning in the domain of medical education and health services is observed to be more on **'experiential basis'** rather than on **'scientific rationale'** generated on the said count.

A meaningful fulfillment of this **'perceptible gap'** turns out to be a **'minimum must'** which needs to be shouldered in a self evident, meaningful and responsible mode and manner.

### Need :

There is a perceptible need to ensure that through an appropriate **'institutional mechanism'** the relevant and desired inputs are timely evolved through appropriate and diligent periodic studies undertaken for the very purposes, so as to render them for the consideration of the policy making and planning authorities in the domain of medical education and healthcare services delivery so that a credible scientific edifice is provided towards the same.

### Mandate :

It is on the strength of a genuine perceptible realization of the existing **'yawning gap'** with reference to medical sciences education and healthcare delivery planning and policy making as against the handy and timely available scientifically generated data to be made available to the concerned authorities in an **'ongoing'** and **'continual'** manner that the **'Centre for Health Sciences Education Policy and Planning'** came to be established by Datta Meghe Institute of Medical Sciences (Deemed University), by an official **Notification dated 17<sup>th</sup> July, 2015**.

The Centre has been entrusted with the **'mandate'** to work out and evolve appropriate and timely recommendations through diligently undertaken studies commensurate with the scientific principles in the form of generated **'inputs'** to be forwarded to the various policy making and planning authorities pertaining to **'medical education'** and resultant **'healthcare services'** for the purposes of making them **timely, relevant, consequential, impactful** and thereby catering to the larger cause of meaningful actualization of the concept of emancipation of all under the rubric of **'Welfare State'** enshrined under the Constitution of India.

### Vision:

To **institutionally** evolve a **standing mechanism** which would with **onus and responsibility** fulfill the required mandate of providing **timely and desired inputs** to the policy making and planning authorities in the country in respect of medical education and healthcare delivery which acts as a **scientific, cogent and credible edifice**, so as to enable the generated policies and planning to be **sound, focused and purposive** resulting in actualization of the larger goal of emancipation of all under the rubric of the **'Welfare State'**.

### Mission:

In a committed manner to avail the centre to be a causative and catalytic agent for generation of such desired inputs invoked scientifically in a credible manner for the consideration of policy making and planning authorities pertaining to medical education and healthcare delivery system in larger societal interest.

### Objectives:

The objectives attributable to the centre are :

To generate **appropriate and timely inputs** through required scientific analytical studies for the consideration of the various policy making authorities governing medical education and healthcare services at various levels which could be availed towards the desired policy making and diligent planning by them from time to time.

### Functioning :

The centre started functioning from the date of its creation dated **17<sup>th</sup> July, 2015** with **Dr. Vedprakash Mishra, Chief Advisor-cum-Pro-Chancellor** of the University was entrusted with the responsibility of the **Honorary Director** of the Centre to actualize the **'mandate'** entrusted to it under the **'Scope, Vision and Objectives'** delineated for the purpose

### Out Come:

The 'Tasks' that have been undertaken by the Centre since its inception and have been dispensed in terms of crystallization of the required 'inputs' forwarded to the concerned policy making and planning authorities and availed by them towards the same are catalogued as under :

1. Invocation of Public Private Partnership Model for starting of medical college by permitting use of a minimum 300 bedded District Hospital by the concerned Government. The report generated for Department of Medical Education and Drugs, Govt. of Maharashtra.
2. Report generated pertaining to redevelopment of Port Hospitals under the Ministry of Shipping, Government of India, on Public Private Partnership basis including their academic utilization. The report submitted to the Ministry of Shipping, Government of India.
3. Report generated pertaining to permissible disability with reference to admissions to undergraduate (MBBS course). The report availed by the Medical Council of India for necessary amendment to the governing regulation.
4. A draft generated titled 'National Medical Education Grants Commission Bill, 2016' in the light of National Medical Commission Bill proposed by NITI Aayog, Government of India.
5. A draft on amendments to Indian Medical Council Act, 1956 to tackle contemporary challenges and long term needs incidental thereto generated availed by the Indian Medical Association Headquarters, New Delhi.
6. A report generated on need, scope and mandate for creation of Indian Medical Services on par with Indian Administrative Services for the consideration of the Medical Council of India and thereon for the approval of the Government of India.
7. A report generated on the permissibility of individuals with colour visual deficiency for admission to MBBS course with other experts for the consideration of the Hon'ble Supreme Court as per their directive and its adoption by it.
8. A report generated in regard to catering of the 'Affective Domain' in teaching learning process in medical education along with relevant experts resulting in evolution of ATCOM (Attitude and Communication Model) for Medical education as a part of the competency based curriculum.
9. A report generated on Choice Based Elective System to be incorporated in undergraduate medical education for the consideration of Medical Council of India.
10. A report generated along with other experts on structuring of the Basic Medical Education Course availed under the National Faculty Development Programme of the Medical Council of India.
11. A report generated along with other experts on structuring of the Revised Basic Medical Education Course availed under the National Faculty Development Programme of the Medical Council of India.
12. A report generated along with other experts on structuring of the Advance Medical Education Course availed under the National Faculty Development Programme of the Medical Council of India.
13. A report generated pertaining to crystallizing of guidelines in the context of pronouncement made by the Hon'ble Supreme Court in Jacob Mathews Vs. Union of India Case pertaining to fixation of the criminality or otherwise on a physician in the context of section 304(a) of Indian Penal Code.
14. A report generated pertaining to crystallizing of guidelines in the context of pronouncement made by the Hon'ble Supreme Court in Parmanand Kataria Vs. Union of India Case pertaining to furnishing of the information for the consideration of the judicial court inter-alia exemption to the Doctor from personally remaining present in the Court.
15. A report generated on augmentation of trained health manpower for mental health in the context of recommendations made by the National Human Rights Commission for the consideration and policy making by the Medical Council of India.

**Ongoing Tasks:**

The ongoing tasks at hand which are at various stages are catalogued as under:

1. Formulation of a report pertaining to crystallization of guidelines in the context their requirement indicated at Section 8.6 of Code of Medical Ethics
2. Formulation of a report pertaining to the prescribing of mode, scope and modality towards creation of speciality and super speciality academic courses in the country to tide over the palpable trained manpower deficit.
3. Formulation of a report pertaining to projected requirement of trained health manpower and creation thereto by 2030.
4. Formulation of a report pertaining to the cost based education in the context of learner as a product and not a consumer.
5. Formulation of a report pertaining to incorporation of credit based system of assessment in medical education so as to make it internationally transferable.
6. Formulation of a report pertaining to a total review of Graduate Medical Education Regulation in the context of National Eligibility Entrance Test, Centralized Counseling and Competency Based Curriculum.
7. Formulation of a report pertaining to scope, need, relevance and operation of an 'Exit Test' as a 'Licentiate Test' for registration of a medical graduate with the State Medical register.
8. Formulation of a report pertaining to making the Indian Medical Register 'live' and to be maintained on an 'online' basis.
9. Formulation of a report in respect to crystallization of a National Perspective Development plan for geographic location of medical colleges in the country in the context of socio-economic considerations of development in the context of Article 371(2) of the Constitution of India.
10. Formulation of a report in regard to the need and relevance of an International Health Keeping Force on the lines of International Peace Keeping Force as advocated by President, World Medical Association.

### **Long-term Projects:**

11. A report on critical appraisal of National Medical Commission Bill 2017 with amendments thereto as proposed by the Government of India, in 2018 pending consideration by the Lok Sabha.
12. Formulation of a report pertaining to scope, need, relevance and operation of an 'Exit Test' as a 'Licentiate Test' for registration of a medical graduate with the State Medical register.
13. Structuring suitable guidelines for the conversion of present ongoing charitable trusts, Waqf Boards into 'Company' under the Indian Companies Act running medical colleges / schools in the context of permissibility accorded vide the governing regulation notified by the Government of India, on the recommendations of the Medical Council of India.
14. Formulation of a report pertaining to the prescribing of mode, scope and modality towards creation of speciality and super speciality academic courses in the country to tide over the palpable trained manpower deficit.
15. Formulation of a report pertaining to projected requirement of trained health manpower and creation thereto by 2030.
16. Formulation of a report pertaining to the cost based education in the context of learner as a 'Product' and not a 'Consumer'.
17. Formulation of a report pertaining to incorporation of 'Credit Based System' of assessment in medical education so as to make it internationally transferable.
18. Structuring of a report pertaining to making the Live Indian Medical Register to be maintained on an 'online' basis.
19. Formulation of a report in respect to crystallization of a National Perspective Development plan for geographic location of medical colleges in the country in the context of socio-economic considerations of development in the context of Article 371(2) of the Constitution of India.
20. Formulation of a report in regard to the need and relevance of an International Health Keeping Force on the lines of International Peace Keeping Force as contemplated by the World Medical Association.

In addition to these above mentioned 'long term projects', which would be dealt in a manner whereby one project would be preferably completed in an year as far as possible, other short term formulation of study reports, expert reports, concept notes would be dispensed in a continual manner along with invocation of copyrights wherever possible.

### **Future Road Map and Prospective Development Plan for 7 years**

The quest with the Centre for Excellence in the context of its set out objectives and the onus that is vested with it mandates it to continually take up the various concerns, challenges and issues that are tangible and workout appropriate Study Reports, Concept Notes on them through appropriate research and required inputs to be passed on to various decision making authorities statutory and non-statutory in character for the invocation for furnishing them evidence based, rationalized and logical inputs towards policy decision make in of impact and consequence in a timely manner in larger public as well as academic interests as the case may be.

It is on this edifice the 'Future Road Map' and 'Prospective Development Plan' for 7 years commencing from Academic Year 2018-19 has been worked out as under specially with reference to 'long term projects', which would be dispensed on an average one per year as far as possible.

### **REPORT ON FUNCTIONING OF THE CENTRE**

In view of the fact that the activities undertaken by the centre till October, 2017 have been availed in the presentation made before the peer team that visited the University for the 3<sup>rd</sup> re-accreditation by National Assessment and Accreditation Council, Bangalore, they have been kept outside the ambit of the present report which is bringing out the activities, outputs and resultant impact thereto in the form of outcome during the period 1<sup>st</sup> October, 2017 to 20<sup>th</sup> June, 2018.

The impactful functioning in terms of measurable outcome of the Centre has been appreciated by the visiting Peer Team for the 3<sup>rd</sup> Cycle of Re-accreditation of the University by the National Assessment and Accreditation Council, Bangalore. The said Peer Team in their report dated 13.09.2017 under the caption 'Innovations' has categorically observed to the effect that 'creation of centres of excellence specially on the health education policy and planning which has contributed significantly to the formulation of National Policy' is noteworthy.

During the period 1<sup>st</sup> October, 2017 till 20<sup>th</sup> June, 2018 the Centre through its Honorary Director has ventured in crystallization and formulation of key documents in the form of reports and concept papers which have been availed by the premier agencies like Medical Council of India, Indian Medical Association and Department of Health and Family Welfare, Government of India.

The reports and concept papers as crystallized and formulated during the impending period have been catalogued herein below:

1. Authored the report as Chairman of the 'Study Group' on formulation of guidelines in terms of provisions at section 8.6 of Code of Medical Ethics Regulations, 2002 pertaining to professional incompetence to be assessed by a peer group for Medical Council of India and Government of India, respectively.

### **OUTCOME:**

The recommendations have been proposed as an amendment to the governing Code of Medical Ethics Regulation 2002 by the Medical Council of India to the Government of India under section 33 of the Indian Medical Council Act, 1956.

2. Authored the report as Chairman of the 'Study Group' on formulation of guidelines in terms of provisions at section 1.2.2 of Code of Medical Ethics Regulations, 2002 pertaining to membership of a professional association as a must for permanent registration with the concerned State Medical Council for Medical Council of India and Government of India, respectively.



**OUTCOME:**

The recommendations have been proposed as an amendment to the governing Code of Medical Ethics Regulation 2002 by the Medical Council of India to the Government of India under section 33 of the Indian Medical Council Act, 1956.

3. Authored the report as Chairman of the 'Study Group' to crystallize recommendations for creation of Indian Medical Services on par with Indian Administrative Services for generation of effective administrative and managerial cadre for health services in the country for Medical Council of India and Government of India, respectively.

**4. OUTCOME:**

The report has been adopted by the Executive Committee and the General Body of the Medical Council of India and the same have been remitted to the Ministry of Personnel and Ministry of Health and Family Welfare, Government of India, for the needful.

5. Authored the report as Chairman of the 'Expert Group' to crystallize recommendations in regard to crystallization of guidelines for establishment of criminal negligence on part of a medical professional in terms of pronouncement made by the Hon'ble Supreme Court in Jacob Mathew Case for Medical Council of India and Government of India, respectively.

**OUTCOME:**

The report on its adoption by the Executive Committee and the General Body of the Medical Council of India has been sent to Ministry of Health and Family Welfare, Government of India, and as of now is under inter-ministerial consideration with the Government of India.

6. Authored the report as Chairman of the 'Expert Group' to crystallize recommendations in regard to crystallization of guidelines for documentation by registered medical professional in medico-legal cases in terms of pronouncement made by the Hon'ble Supreme Court in Parmanand Katara Case for Medical Council of India and Government of India, respectively.

**OUTCOME:**

The report on its adoption by the Executive Committee and the General Body of the Medical Council of India has been sent to Ministry of Health and Family Welfare, Government of India, and as of now is under inter-ministerial consideration with the Government of India.

7. Authored the report as Chairman of the 'Study Group' to crystallize recommendations in regard to grant of teaching cadre designation to the specialists with reference to Public Private Partnership Model for opening of a new medical college for Medical Council of India and Government of India, respectively.

**OUTCOME:**

The report on its adoption by the Executive Committee, PG Committee and the General Body of the Council has been incorporated as an appropriate amendment to the governing Regulation and notified in the official Gazette of Government of India.

8. Authored the report as Chairman of the 'Study Group' to make recommendations in regard to revised plan of Medical Education for Medical Council of India in January, 2018.

**OUTCOME:**

The report on its adoption by the Executive Committee and General Body of the Medical Council of India has been sent to the Secretariat of Rajya Sabha for the needful.

9. Authored the report as Chairman of the 'Study Group' to make recommendations in regard to "Universal Health Coverage (Medical & Financial Assistance) Bill 2017" proposed by Smt. Supriya Sule, Hon'ble Member of the Lok Sabha for Medical Council of India and Government of India respectively.

**OUTCOME:**

The report on its adoption by the Executive Committee and General Body of the Medical Council of India has been sent to the Secretariat of Lok Sabha and Ministry of Health and Family Welfare, Government of India, for the needful.

10. Authored the report as Chairman of the 'Expert Group' to make recommendations in regard to crystallizing operational guidelines for effecting mandate of 'Disability Act, 2016' pertaining to Admission to Modern Medicine Courses for Medical Council of India forwarded to Ministry of Health and Family Welfare, Government of India.

**OUTCOME:**

The report on its adoption by the Executive Committee of the Medical Council of India has been sent to the Government of India, Ministry of Health and Family Welfare, who vide their approval have placed the same for its operational effect by all the admitting authorities in the country including Government of India, all the State Governments and Union Territories as the case may be.

11. Authored the concept note in regard to the non-existing authority and jurisdiction of the University Grants Commission towards prescription of the chargeable fee by the Deemed to be Universities created Under Section 3 of the University Grants Commission Act for Education Promotion Society of India.

**OUTCOME:**

The said note was discussed and adopted in the meeting of officials of Education Promotion Society of India, New Delhi with the representatives of the Deemed Universities across the country and has been availed to formulate a representation sent to Ministry of Human Resource Development Government of India, and University Grants Commission, New Delhi, respectively.

12. Authored the report as 'Chairman' of the Expert Group pertaining to recommendations in respect of Hindi as a medium of instruction for undergraduate medical education in the country for Medical Council of India.

**OUTCOME:**

The report has been placed for the consideration of the Parliamentary Standing Committee for Rajbhasha attached to the Ministry of Health and Family Welfare, Government of India.

13. Authored a concept note on causes and remedy of violence against Doctors for National Indian Medical Association for Indian Medical Association.

**OUTCOME:**

The concept note was availed at the National Conclave organized by Indian Medical Association at New Delhi for making 'Delhi Declaration' on zero tolerance to violence against Doctors and Clinical Establishments.

14. Authored a concept note on re-defining medical ethics for clinical practice in the context of marketization and corporatization for Indian Medical Association.

**OUTCOME:**

The concept note has been availed for bringing out a handbook on Redefining Medical Ethics in the context of clinical practice by the Indian Medical Association, New Delhi.

15. Authored a concept note on Medical Ethics past, present and future for Indian Medical Association.

**OUTCOME:**

The concept note has been availed for bringing out a handbook on Redefining Medical Ethics in the context of clinical practice by the Indian Medical Association, New Delhi.

16. Authored a report of the Expert Group in regard to 'Bridge Course for Graduates in the stream of Dentistry for lateral entry to MBBS Course for Medical Council of India and Dental Council of India respectively.

**OUTCOME:**

The report has been adopted by the Executive Committee of the Medical Council of India and is pending consideration by its General Body.

17. Authored a concept paper on the scope and mandate of conative curriculum in undergraduate medical education for Medical Council of India.

**OUTCOME :**

The concept paper has been availed by the Medical Council of India for the purposes of structuring of the AETCOM Module dealing with attitude, ethics and communication in the domain of professionalism and altruism as a part of affective part of the structured integrated competency based undergraduate medical education curriculum.

18. Authored the Bye-law for institution of Indian Medical Journal under the aegis of Indian Medical Association with National Secretary General Headquarters, New Delhi as the Publisher for the same.

**OUTCOME :**

The Bye-laws so authored have been adopted by the Indian Medical Association for instituting the Indian Medical Journal under its aegis with National Secretary General Headquarters, New Delhi as the Publisher for the same.

19. As the Chairman of the Expert Group crystallized a report formulating operational guidelines for the Accreditation Council of the Indian Medical Association New Delhi.

**OUTCOME :**

The report of the Expert Group has been adopted by the Indian Medical Association for regulation and governance of its Accreditation Council.

20. As the Chairman of the Study Group authored the booklet titled 'All about National Medical Commission Bill-2017/2018 for Indian Medical Association, New Delhi.

**OUTCOME :**

The Booklet titled 'All about National Medical Commission Bill – 2017/2018' readied by the Study Group has been adopted by the Indian Medical Association for its usage and circulation thereto.

21. Authored the Bye-law for prescribing composition, powers, duties and functions of Board of Studies for Interdisciplinary Studies in the context of Scope, Mandate and Need of establishment of Advance Courses, Fellowships and suitable academic distinctions in the domain of Interdisciplinary Studies and Research

**OUTCOME :**

The Bye-laws so structured has been adopted by Krishna Institute of Medical Sciences (Deemed to be University), Karad and Datta Meghe Institute of Medical Sciences (Deemed to be University), Sawangi Meghe, Wardha as their Bye-laws respectively.

22. Authored the concept note in regard to the creation of National Medical Education Grants Commission with authority vested for disbursement of Five-Year plan development grants to the cause of medical education on similar lines as University Grants Commission is vested with the said authority under Section 12(b) of the University Grants Commission Act, 1956.

**OUTCOME:**

The said note was desired by Padma Vibhushan Dr. Prathap C Reddy, Chairman Apollo Group of Hospitals for taking it up for discussion with the Hon'ble Prime Minister of India. Accordingly the note was sent to him which he acknowledged with gratitude.

23. Authored the concept note in respect of creation of an Academy of Excellence for Faculty Training in Medical Education on the lines of creation of 'Academic Staff Colleges' for the refresher courses for full time teachers in the domain of higher education.

**OUTCOME:**

The said note was desired by Padma Vibhushan Dr. Prathap C. Reddy, Chairman Apollo Group of Hospitals for creation of

Academy of Excellence for Faculty Training in Medical Education at Apollo Medical College Chittoor Andhrapradesh which is owned and managed by the parent trust of which he is the founder Chairman. Accordingly the said note was sent to him which he acknowledged with gratitude.

**NATURE OF CATERING:**

The catering by the Centre has been in the domain of 'leadership' specially with reference to the various creative generations by the Centre having been availed by the key policy making bodies and authorities for their policy framework on vital areas of concern of public importance through a planned process in larger public interest.

In addition there have been several other concept notes on the Education process, Teaching Learning Modes, Modalities of Assessment and Innovation thereto on which 11 copyrights have been registered with Honorary Director of the Centre as the primary / contributing author.

## Center of Excellence

### Interdisciplinary Research and Lifestyle Modification

(Director – Mr. Manish Deshmukh)

#### **Preamble:**

In India herbal medicines remain the major source of health care for the world's population. The world health organization (WHO) has also recognized herbal medicine as an essential building block of primary health care of vast countries like India and China. We have yet to explore fully the vast storehouse of indigenous, tribal or folklore and traditional system of medicine of our country. In spite of advances in modern system of medicine, there are various areas like Diabetes Mellitus, Immunomodulatory disorders and Mental health which is related to lifestyle medication etc. might be successfully cured by herbal medicines. As such traditional medicine in India is due for revival, for thousands of years; people in India have healed with herbal derived remedies, passed this knowledge to generations. In this regard Ayurveda may be a gold mine for new treatment for various diseases and disorders. Interdisciplinary research approach may play vital role in bridging the gap and achieving objective of complete health care for all along with cost effective medicine to every person in the community.

#### **Vision:**

Becoming a Center of Excellence in clinical and interdisciplinary research bridging Ayurveda and Modern Medicine by adopting advance and refutative research modalities

#### **Mission:**

“Let the Knowledge spread all the corners of World”

Actualization of Vision through conduction of Interdisciplinary clinical research utilizing newer concepts by enhancing cost benefit ratio along with capacity building for the globalization of Ayurveda medicine along with lifestyle modification.

#### **Objectives:**

1. To undertake interdisciplinary and clinical research through the concept of Reverse Pharmacology for priority area of AYUSH
2. To Standardize/validate and develop scientific evidence for safety, efficacy and quality of Ayurveda drugs & therapies.
3. To undertake development of innovative formulations for Ayurveda medicines
4. To build up the capacities and capabilities for interdisciplinary research and protection of intellectual property rights
5. To Foster a culture of communication, documentation, evaluation and innovation among AYUSH Academicians, Researches, Practitioners and organization of Symposium, Workshop and seminars  
To establish as a Centre for training and skill development on research methodology, quality control, Quality Assurance for people working academic institutions and AYUSH industries of repute
6. Conduct interdisciplinary research and education in lifestyle disorder related ailments

#### **Scope:**

CoE is desired to establish scientific evidences for Ayurveda Medicines through interdisciplinary research and lifestyle modification with respect to physical, mental, emotional and spiritual life. The integrated research approach for researchers belonging to different disciplines is expected to standardize/validate and develop scientific evidence for safety, efficacy and quality of Ayurveda drugs & innovative formulations. For the generation of credible research data to be recognized at international level CoE has to build the capacity and capability at DMIMS(DU) for research including protection of intellectual property rights. As fostering the culture of communication, documentation, evaluation and innovation among Ayurveda Researchers is a need of hour, CoE will initiate, develop and continue national and international collaborations with other National and International institutes and industry partners working in the area of Herbal Drug Research. CoE for Interdisciplinary Clinical Research and Lifestyle Modifications is supposed to work for creation, preservation and dissemination of new knowledge regionally and globally.

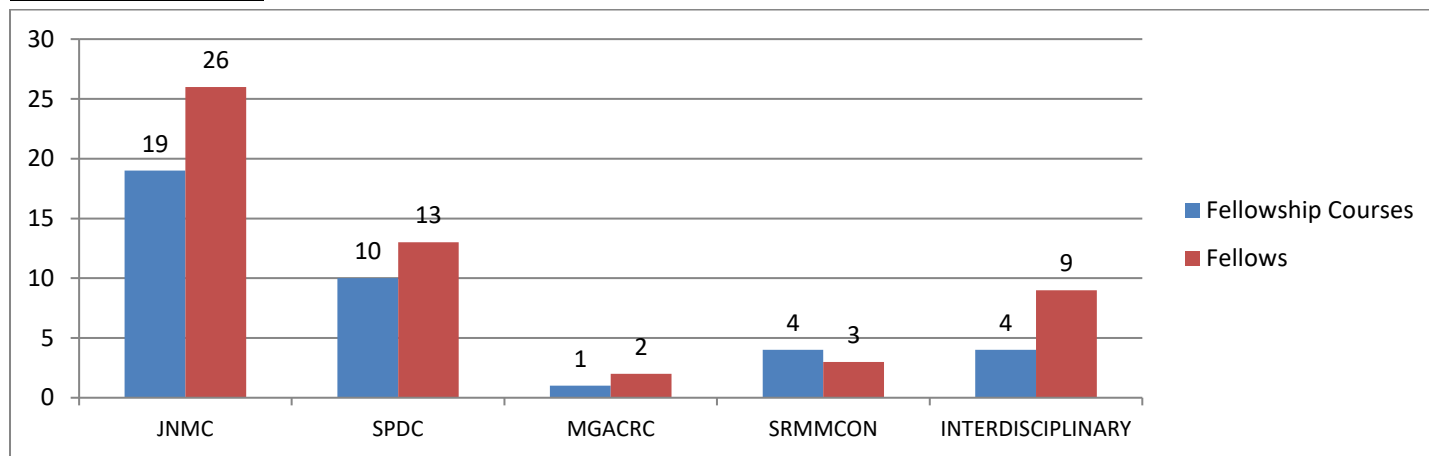
**Outcome** – Center of Excellence for Interdisciplinary Research and Lifestyle Modification has completed 14 Extramural Research Projects and initiated Sixteen Extramural Research Projects. Two collaborative research projects completed with National Institute of Ayurveda, Jaipur and 10 Collaborative research projects are ongoing with National Institute of Ayurveda, Jaipur and Uttarakhand Ayurved University, Haridwar. Two Extramural Randomized Controlled Clinical studies have been initiated by Center of Excellence. CoE has signed 5 International and 9 National MoU with reputed organizations. Seven patents filed by CoE have been published and 34 Copyrights granted by office of Controller General of Patents, Design and Trademark, Govt. of India. Total funding generated Rs. 5, 70,000 and consultancy generated Rs. 1, 60,000 .

**Centers of Excellence**  
**School of Advance Studies**

(Director –Dr.Tripti Srivastva)

The School of Advanced Studies was established in 2013 with the aim of filling the academic void which is created by the lack of flexibility in the conventional Degree courses. These courses were specifically devised to address real life discrepancies between availability and requirement of skilled manpower.

**Academics Courses**



\*Out of 66; 53 are enrolled

**New Courses Added – Year 2017-18**

- |   |                                       |  |
|---|---------------------------------------|--|
| 1. Fellowship in<br>Cytopathology             | 3. Fellowship in Neonatal<br>Nursing  | 5. Fellowship in<br>Perioperative Care |
| 2. Fellowship in Intra<br>Operative Diagnosis | 4. Fellowship in<br>Ethnopharmacology |  |

**New courses to be added for year 2018-19**

- |   |  |  |
|---|--|--|
| 1. Fellowship in Clinical<br>Embryology         | 4. Fellowship in Dermato<br>Surgery      | 7. Fellowship in Body<br>Imaging & Non<br>vascular Intervention<br>Radiology |
| 2. Fellowship in Infection<br>Control Practices | 5. Fellowship in<br>Maxillofacial Trauma |  |
| 3. Fellowship in Clinical<br>Nutrition          | 6. Fellowship in Clinical<br>Hematology  |  |

**Activities of the Centre:**

**A) Targeted Activities**

<b>Academic Activities Held</b>
<b>Logbook Making</b> -New Logbook has been prepared with more emphasis on inclusion of Skill Component / Narrative & Reflective Log.
Evolve ment & Development Workshop Bridging the Super-specialty Manpower Gap & Identification of Novel areas for initiation of Fellowship Courses.
Conferment & Felicitation of Professor Emeritus & Young Research Scholars on Teacher's Day Programme by University on 5 <sup>th</sup> September 2017.
<b>1<sup>st</sup> Colloquium</b> conducted on <b>23<sup>rd</sup> October 2017</b> . Speaker Professor Emeritus Dr. Vedprakash Mishra on the topic "Sine-qua-non as a concept." & Deliberation by Young Research Scholars regarding Research Promotion.

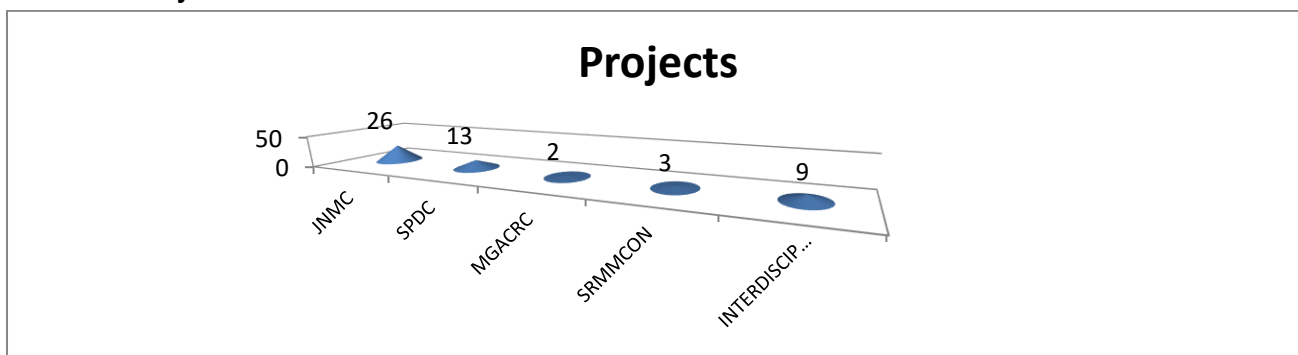
Short Term Research Project Synopsis Presentation conducted
<b>Essay Competition</b> scheduled on 08/12/2017 on “Transforming health Care Paradigm through Technology.”
Workshop conducted on Writing of Reflective & Narrative Log component of Port Folio
Advanced Research Methodology Workshop conducted



### B) Innovations

Innovation	Features	Applicability
Curricular reforms in assessment of fellowship programme	Addition of reflective & narrative log in port folio.	Up gradation of assessment method.

### C) Research Projects



### Intellectual property

- 15 publications
- Journal of School of Advanced Studies: submitted to ADCC for final formatting.

### Continued Professional Development Activities (Organized)

- Colloquium: key note address by professor emeritus SOAS.
- Inclusion of reflective & narrative log in portfolio
- Theme Evolvement & Development Workshop
- Advanced research methodology workshop
- Deliberations by young research scholars regarding research promotion.
- Horizontal integration with research cell & SHPER.

### Highlights of this session

- Conferment & felicitation of professor emeritus and young research scholars
- Journal of School of Advanced Studies.

Original article 6	} Under review
Review article 1	
Case report 2	

Clinical photos 1

Colloquium write-up 1

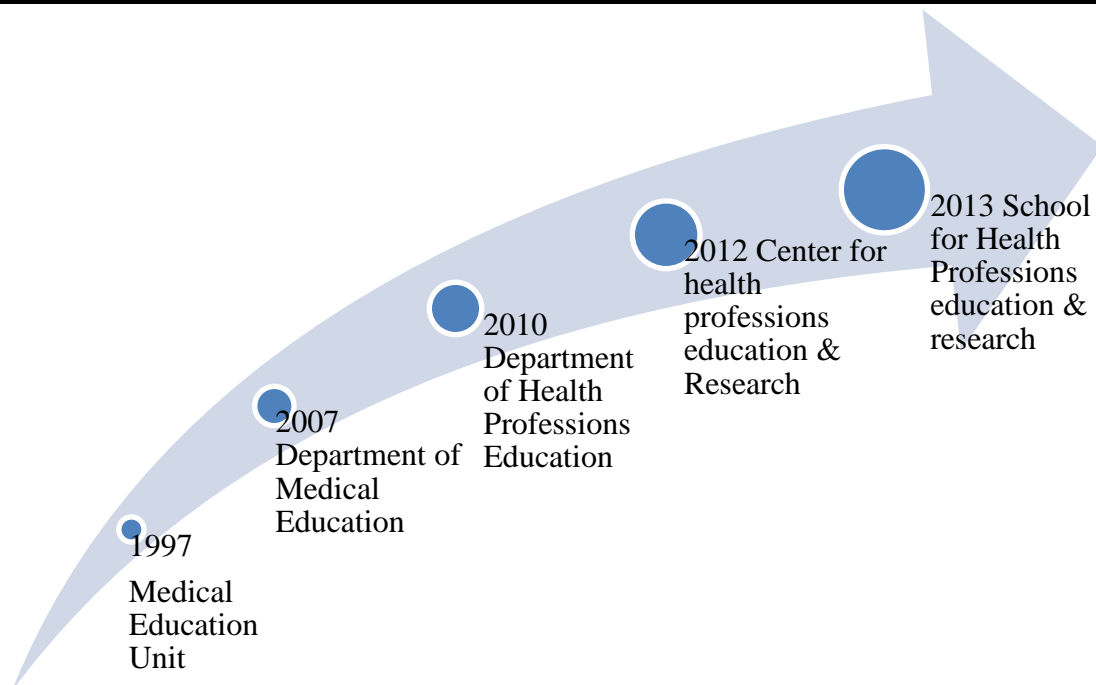
- 43 research project completed
- 3 Colloquiums

**CENTER OF EXCELLANCE**  
**School for Health Professions Education & Research**

**Prologue**

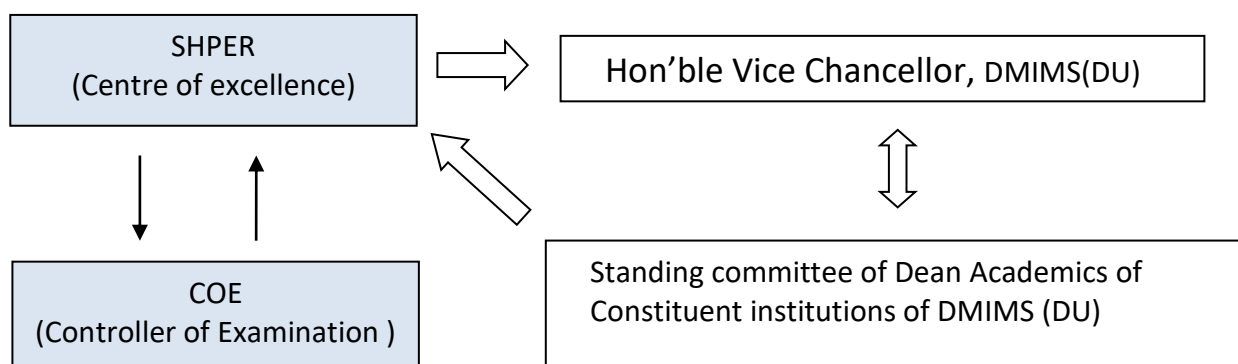
School for Health Professions Education & Research has been established in 2013 at Datta Meghe Institute of Medical Sciences, (Deemed to be University) to take care of academic ambience and faculty development at University level. In addition Academic programs M.Phil(HPE) PhD (HPE) are run by School. Till dates five Ph.D(HPE) and 58 MPhil (HPE) have been awarded

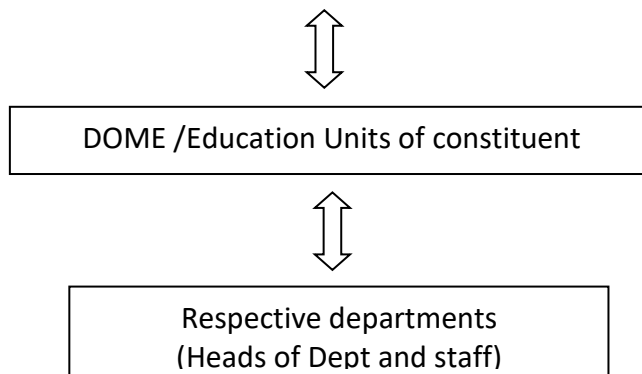
**Transformation of Medical education unit to School for Health Professions Education & Research**



SHPER is designated as one of the Centres 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**. All these units were declared as **Autonomous** units for Education Technology at respective constituent colleges of the University..

**Organogram**





## **FACULTY POSITION**

**Director: Dr. Mrs. Sunita Vagha**

a) Departments of SHPER

Sr. No.	Name of Dept	Name of faculty	Designation
1	Curriculum	Dr. Archana Dhok	HOD
		Dr. Preeti Desai	Mentor
2	Teaching & Learning	Dr. Abhishek Ingole	HOD
		Dr. Adarshlata Singh	Mentor
3	Assessment & Evaluation	Dr. Sonali Chaudhari	HOD
		Dr. Alka Rawekar	Mentor
4	Educational Research	Dr. Punit Fulzele	HOD
		Dr. Swanand Pathak	Mentor
5	Competencies	Dr. Pradya Dandekar	HOD
		Dr. Jayant Vagha	Mentor

SHPER has pool of 50 resource person as core & ancillary faculty.

b) Educational Unit

Faculty	Educational unit	Convener
Medicine	DOME Recognized by MCI as Nodal centre for National faculty development	Dr. Tripti Srivastava
Dentistry	Dental education unit	Dr. Rahul Bhowte
Ayurveda	Ayurveda education unit	Dr. Vaishali Kuchewar
Nursing	Nursing education unit	Mrs. Rajana Sharma
Physiotherapy	Physiotherapy education unit	Dr. Irshad Qureshi



## **MANDATE**

1. Revise, update and timely implement curriculum across the University
2. Strengthen the traditional and promote the use of innovative teaching – learning tools, techniques and technology
3. Strengthen the traditional and promote the use of modern assessment and evaluation modes, methods and strategies
4. Promote efficient and optimal use of information technology to make education program effective
5. Promote the culture of continuing professional update across the University
6. Promote educational research in various domains of Health Professional Education to enrich and enhance the quality of education across the University
7. To periodically train health science educators in principles and practice of education science and technology towards capacity building.

## **ACTIVITIES AT GLANCE**

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

SHPER contributes to following academic activities.

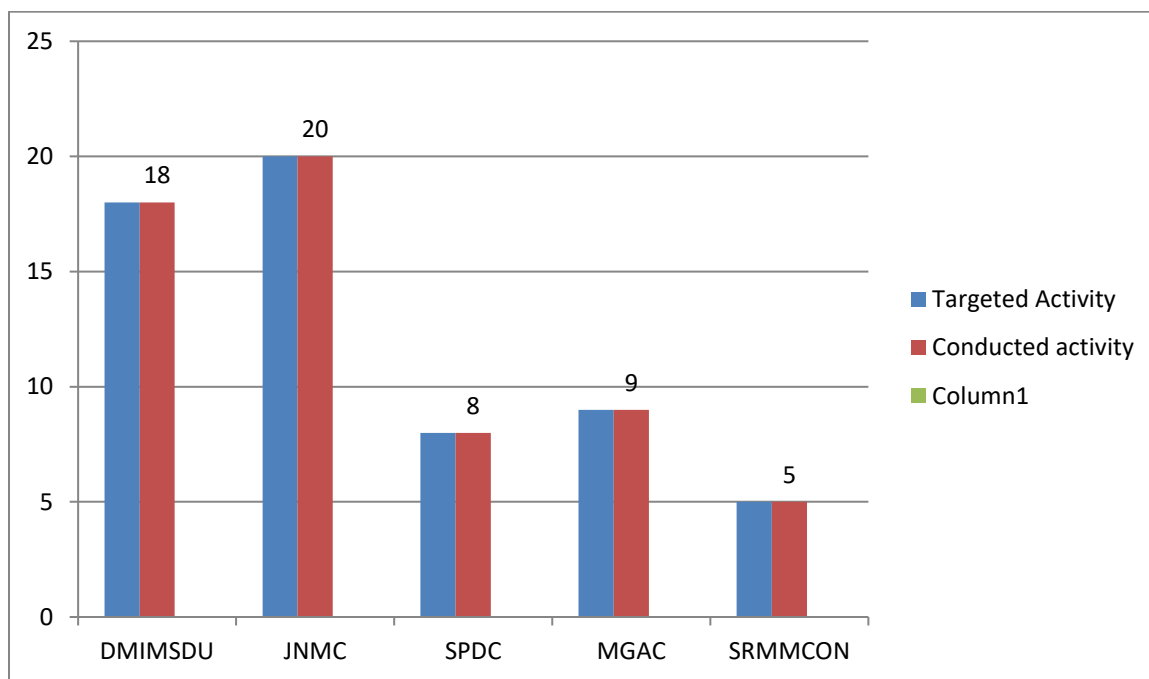
1. Need assessment, Conceptualization and strategic initiatives regarding development and Innovations in Teaching Learning activities.
2. Validation of new ventures in TLE activities.
3. Academic courses (M.Phil., Doctoral etc.)
4. Creation and incorporation of Innovations in Teaching Learning and Evaluation
5. Curriculum updates

### **B) The STATUS REPORT OF WORKING OF DEPARTMENTS**

#### **a) CME/ WORKSHOPS / CONFERENCES**

**Report on conduction of various activities i.e. CMEs, Seminar, Conferences, Workshops etc vis-à-vis planned during academic session July 2017 to June 2018**

<b>Constituent Colleges</b>	<b>Targeted activities</b>	<b>Conducted activities</b>
University	18	18
JNMC	20	20
SPDC	08	08
MGAC	09	09
SRMMCON	05	05
<b>Total</b>	<b>60</b>	<b>60</b>



## Details of activities

### 1. At University level

Sr.no.	Name of organizing department	Month /year of conduction	Date of conduction of activity	Title of the activity
1.	Forensic Med. (JNMC)	July	18 <sup>th</sup> & 19 <sup>th</sup> July 2017	Clinical Induction Program
2.	ODMR (SPDC)	July	27 <sup>th</sup> – 28 <sup>th</sup> July 2017	Clinical Induction Program
3.	Biochemistry (JNMC)	September	28 <sup>th</sup> – 29 <sup>th</sup> sept.17	Fresher's Induction Program
4.	Oral Pathology (SPDC)	September	28 <sup>th</sup> – 29 <sup>th</sup> sept.17	Fresher Induction Program
5.	PHD (SPDC)	August	17 <sup>th</sup> & 19 <sup>th</sup> Aug. 2017	Intern Orientation Program
6.	Streeroga (MGAC)	August	10 <sup>th</sup> & 11 <sup>th</sup> Aug. 2017	Clinical Induction Program
7.	Institutional Forum for Women	August	31 <sup>st</sup> August 2017	Program on 4 <sup>th</sup> day of Ganesh Festival
8.	Kriya Sharir (MGAC)	September	28 <sup>th</sup> to 29 <sup>th</sup> Sept. 2017	Fresher's Induction Program
9.	Obst. & Gyne Nursing (SRMMCON)	September	28 <sup>th</sup> to 29 <sup>th</sup> Sept. 2017	Fresher Induction Program
10.	Medical Surgical Nursing	November	17 <sup>th</sup> Nov. 2017	PG Orientation Program
11.	Institutional Forum for Women	November	23 <sup>rd</sup> November 2017	Children's Day Celebrations
12.	Rasashastra (MGAC)	December	11 <sup>th</sup> – 13 <sup>th</sup> Dec. 2017	PG Orientation program
13.	Students Guidance Clinic	December	20 <sup>th</sup> Dec. 2017	Study Habits and planning
14.	Institutional Forum for Women	March	8 <sup>th</sup> March 2018	Women's day Celebration,

15.	Community Medicine (JNMC)	January	15-19 Jan.2018	Interns Induction program
16.	Shalyatantra	January	8-12 Jan. 2018	Intern induction
17.	JNMC	University	11 to 14 <sup>th</sup> July 2018	PGITP
18.	Institutional Forum for Women	June	22 <sup>nd</sup> June 2018	Mother's Day Celebration

## 2. At Institutional level

### i) Jawaharlal Nehru Medical College:

Sr.no	Name of organizing department	Month /year of conduction	Date of conduction of activity	Name of the activity
1.	Surgery	June	24 <sup>th</sup> & 25 <sup>th</sup> June 2017	Management of Carcinoma Breast
2.	Obst. & Gyne.	June	10 <sup>th</sup> June 2017	Conference, Shri Datta Meghe Oration and Dr. K. Deshmukh CME on Upgrade skills in OBGY
3.	Anaesthesia	June	24 <sup>th</sup> & 25 <sup>th</sup> June 2017	Hands on Cadaveric Workshop Fluoroscopic guided procedures for Low Back Pain
4.	ENT	August	6 <sup>th</sup> August 2017	Annual UG ENT Quiz 2017
5.	Pediatrics	January	3 <sup>rd</sup> to 4 <sup>th</sup> Jan.2018	National Workshop on PFCCS
6.	Anatomy	February	23 <sup>rd</sup> Feb. 2018	CME on Anatomico Clinical Aspects of Spinal cord
7.	Radiology	February	3 <sup>rd</sup> Feb. 2018	CNS IMAGING (Neuroradiology)
8.	Orthopaedics	February	2 <sup>ND</sup> & 3 <sup>RD</sup> Feb. 2018	2 days Workshop PGRTOP
9.	Pathology	February	14 <sup>th</sup> Feb. 2018	State level Pathology Post graduate Quiz
10.	Dermatology	February	25 <sup>th</sup> Feb. 2018	Workshop on Dermatosurgery & Cosmetology
11.	Pharmacology	February	23 <sup>rd</sup> Feb. 2018	CME on Allergic disorders problem and management
12.	Ophthalmology	March	11 <sup>th</sup> March 2018	CME on Retina
13.	Physiology	March	10 <sup>th</sup> March 2018	Workshop on "Clinical Neurophysiology"
14.	Psychiatry	March	31 <sup>st</sup> March 2018	Workshop on Approach to practical examination for post Graduates In Psychiatry

15.	Microbiology	March	20/3/2018	PG Syndicate seminar (Vidarbha Level) 8 Medical College
16.	Medicine	March	22/03 2018	Acharya Vinoba Bhave Rural Hospital Internal Medicine Quiz 2018
17.	Biochemistry	March	27/03/2018	CME on Obesity
18.	Community Medicine	April	7/04/2018	World Health Day Theme for 2017-18
19.	Pulmonary Medicine	April	17 <sup>th</sup> April 2018	CME on Interventional Pulmonology
20.	Forensic Medicine	April	21th April. 18	CME on Legal Social and Medical

**ii) Sharad Pawar Dental College**

Sr.No.	Name of Organizing department	Month /year of Conduction	Date of conduction	Title of the activity
1	Periodontics	November	8 <sup>th</sup> Nov. 17	Advances In Periodontics
2	Prosthodontics	July	25 <sup>th</sup> July 2017	CDE on Full Mouth Rehabilitation
3	Conservative	July	25 <sup>th</sup> July 2017	CDE on Full Mouth Rehabilitation
4	Oral Medicine & Radiology	November	30 <sup>th</sup> Nov.2017	Interpretation of CBCT images in Oral Radiology
5	Orthodontics	October	9 <sup>th</sup> Oct. 2017	CDE on current concepts and innovations in orthodontics biomechanics
6	Oral & Maxillofacial Surgery	September	28 & 29 Sep 2017	Organized 42 <sup>nd</sup> annual conference of AOMSI Master Class- 1. Sterilization and Infection Control 2. Surgical management of OSMF
7	Pedodontics & PHD	January	20 <sup>th</sup> Jan 2018	Behavioral Psychology
8	Oral Pathology	March	22 <sup>nd</sup> March 2018	Oral Submucous Fibrosis-An Enigmatic Morphoinsight

**iii) Mahatma Gandhi Ayurved College**

Sr.No.	Name of Organizing department	Month /year of Conduction	Date of conduction	Title of the activity
1	Streeroga & Kaumarbhritya	July	28/7/2017	Intrauterine origin of adult diseases
2	Kayachikitsa & Rognidan	August	4/8/2017	Role of Ayurveda in Geriatric care

<b>3</b>	Swasthavrutta & Samhita siddhant	August	19/8/17	Role of Ahar in prevention of life style disorders
<b>4</b>	Dravyaguna & Rasashastra	September	19 <sup>th</sup> Sept.17	Natioanal level PG quiz competition of Dravyaguna & Rasashastra
<b>5</b>	Rachana sharir & Kriya sharir	November	30 <sup>th</sup> Nov. 2017	Applicability of Tantrik sharir in management of lifestyle disorders
<b>6</b>	Agadatantra	December	14/12/17	1) Scope of Agadatantra in clinical Practice 2) Strength and challenges of Agadatantra in perspective of clinical practice
<b>7</b>	MGAC	January	19 to 21 Jan. 2018	International Conference – ‘Ayurveda for global wellbeing’
<b>8</b>	Panchakarma	June	30/09/208	Role of Panchakarma in Mana Vikara
<b>9</b>	Shalya-Shalakyia	June	29 <sup>th</sup> June 2018	Yogya -2018

#### iv) S.R.M.M. College of NURSING

Sr.No.	Name of Organizing department	Month /year of Conduction	Date of conduction	Name of the activity
<b>1</b>	Mental Health Nursing	September	27/9/17	CNE on Mental Health First AID
<b>2</b>	Medical Surgical Nursing	October	7/11/17	CNE on Roll of nurses in emergency management of road traffic accident
<b>3</b>	Community Health Nursing	October	23.11.2017	CNE on Malnutrition
<b>4</b>	Obstetric and Gynaecological	February	22/02/18	CNE on Cervical Cancer: The Silent Killer of the Women
<b>5</b>	Child Health Nursing	January	11.01.2018	Care of Critically Ill Child

#### Report:

In 2017 – 2018 total **60** activities were planned .Till date **60** are conducted. Out of 60, pre test - post-test was conducted in **46(77%)**activities as rests of the activities were Induction program, UG/PG Quiz etc.

Out of **46**activities ALG was between 50to 60% in only **03** activities i,e, **9.03%**(which has been decreased in comparison to last year which was 18.75%).

It was between 60 – 75 in **23** activities i, e, **51.62%**

lit was more than 75% in **20** activities i,e, **39.53%** (28.10%),

91.53% activities were held with satisfactory ALG.

### 3) At SHPER & Education Unit Level

Sr. No.	Name of Dept.	Title of Workshop	Date	No. of Benefi.	Outcome
1	SHPER	Orientation Workshop on Videoken Software	1 <sup>st</sup> July 2017.	48	Faculty is trained to conduct the lectures using LRM with videos prepared using Videoken software.
2	SHPER	Capacity Building of personnel participating in conduct of Examination	7 <sup>th</sup> Aug. 2017	56	1)Generation of IPR 2) Stand. Of conduct of examination
3	SHPER	Workshop on "Sensitization for Implementation of AETCOM	15 <sup>th</sup> Feb. 2018	23	1)AETCOM Implemented satisfactorily across 2)Satisfaction level Students 96 to 100 % Faculty 100%
4	SHPER	Workshop on "CBME-Implementation in Medicine faculty: Pilot Project "	26 <sup>th</sup> Feb 2018	22	CBME pilot project completed and scope is broadened across the University from July 2018
5	SHPER	Orientation Workshop for Paper setters & Internal Validators	23/04/2018	52	1)100% faculty at DMIMS oriented towards paper setting and validation 2)Pull of validator for content and format has been created

#### b) Curriculum Development

- UG Curriculum Revision & update-completed
- PG Curriculum Revision will be initiated up to 2019

#### c) Teaching Learning

- PBL – ITP and ECE conduction processes are standardized
- MPBL has been introduced
- LRM up gradation using Videoken software has initiated.

#### d) Assessment & Evaluation

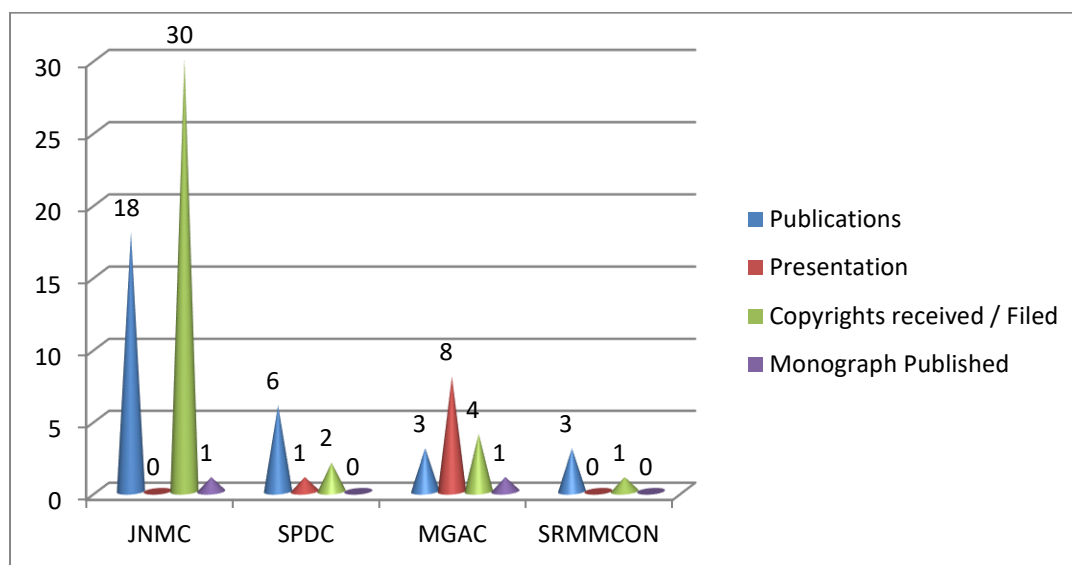
- UG eQB verification & up-gradation in process.
- Creation of PG eQB has been initiated.
- Creation of OSPE-OSCE bank has been initiated.
- Curriculum evaluation in process.

#### e) Educational Research

Status of Publication / Presentations/ Copyright / Monographs

Name of Institution	No. of Publications	No. of Presentation	No. of Copyrights received / Filed	No. of Monograph Published
JNMC	18		30	1

SPDC	06	01	02	--
MGAC	03	08	04	1
SRMMCON	03	-	1	-
<b>Total</b>	<b>30</b>	<b>09</b>	<b>37</b>	<b>2</b>



#### f) Competencies

- Students from Medicine, Dental, Ayurveda, Nursing and Physiotherapy faculty are posted regularly as per structured program.

#### **C) STATUS OF DEPARTMENTAL TARGETS AND THEIR COMPLIANCE**

Sr. No.	Name of Department	Targets for 2017 -2018	Outcome	Targets for 2018-2019
1	Curriculum	<ul style="list-style-type: none"> <li>UG Curriculum Revision.</li> <li>M. Phil (HPE) Curriculum Revision</li> <li>Handling of CBME implementation- pilot project</li> </ul>	Periodic Curriculum revision across faculty at DMIMS is in accordance with policy CBME will be implemented across the University	<ul style="list-style-type: none"> <li>Creation of curriculum for Fellowship in Health profession education</li> <li>Creation of curriculum specialty Fellowship in Curriculum design and Program evaluation.</li> <li>Implementation of Revised UG Curriculum prospectively</li> <li>CBME implementation</li> </ul>
2	Assessment & Evaluation	<ul style="list-style-type: none"> <li>eQB verification &amp; 15% up-gradation</li> <li>OSPE-OSCE Bank</li> </ul>	During formative & summative examination paper setting and internal validation is done and has resulted in structuring of question paper in accordance with 100% (format) and 98% (content)	<ul style="list-style-type: none"> <li>Verification and up gradation of eQB in context with revised curriculum</li> <li>Creation of Secondary Templates for PCT</li> <li>Creation of OSPE –OSCE bank</li> <li>2015 -UG Curriculum</li> </ul>

		<ul style="list-style-type: none"> <li>• Curriculum evaluation</li> </ul>	<p>1)Received copy right 2)Creation of OSCE-OSPE bank 3) Curriculum evaluation across all the faculties</p>	evaluation
3	Teaching & Learning	<ul style="list-style-type: none"> <li>• PBL –ITP Bank</li> <li>• MPBL – Broadening area of operation</li> </ul>	Creation of PBL-ITP bank Implementation is planed across the University	<ul style="list-style-type: none"> <li>• LRM up gradation (only 1st MBBS)</li> <li>• Creation of PBL &amp; ITP Bank</li> <li>• Introduction of MPBL into departments with less faculty</li> </ul>
4	Competencies	<ul style="list-style-type: none"> <li>• Pilot project on Implementation of AETCOM</li> </ul>	Level of satisfaction 96 to 100 % Students 100% Faculty	<ul style="list-style-type: none"> <li>• Implementation of CBME across</li> <li>• Modification of existing communication skill labs teaching modules by Incorporation AETCOM competencies</li> <li>• Joint project with school of virtual learning for interns.</li> </ul>
5	Educational Research	<ul style="list-style-type: none"> <li>• Broadening the area of educational research projects beyond M. Phil</li> </ul>	<ul style="list-style-type: none"> <li>• As a part of decade celebration of Nodal Centre 12 inter institutional projects have been planned.</li> <li>• Same concept has been adopted for the faculty who have completed M.Phil and joined other institutes.</li> <li>• Joined project with school of virtual learning is proposed in 2018-19</li> </ul>	<ul style="list-style-type: none"> <li>• Broadening the area of educational research projects beyond M. Phil by launching inter institutional project.</li> </ul>



## MCI Nodal Centre for National Faculty Development, JNMC

JNMC as MCI Nodal centre conducts & observes MCI recognized Revised Basic course in Medical Education, Attitude-Ethics-Communication (AETCOM) skill module sensitization and Advance course in Medical Education, apart from similar in-house courses for Health professionals of the University. It has till date has conducted **105** faculty development workshops till date and has trained **2854** medical faculties across the 58 allocated medical colleges.

Jawaharlal Nehru Medical College (JNMC) entered into the 10<sup>th</sup> year as MCI recognized centre for National Faculty Development in March 2018. To commemorate this occasion, a '**Decade Celebration**' was held on 9<sup>th</sup> April 2018 at DattaMegheSabhagruh. The event was inaugurated by Hon. Pro Chancellor, DMIMS (DU) and Chairman Academic Committee, MCI, DrVedprakash Mishra. Following events were observed as a part of this decade celebration;

1. Release of '**Decade report**' depicting highlights and statistics of Nodal centre activities and initiatives in past 10 years.
2. Certification of **55** successful candidates of 2<sup>nd</sup> and 3<sup>rd</sup> Advance course in medical education, representing 19 Medical Institutes allocated to JNMC, Nodal centre.
3. Felicitation of Patrons, Resource persons and Non-teaching staff of Nodal centre.
4. A '**Decade initiative**' in the form of 12 Inter-Institutional Educational Research Projects.
  - a. A total of 8 workshops were conducted with 245 beneficiaries during this academic year (July 2017-June 2018) as depicted below:

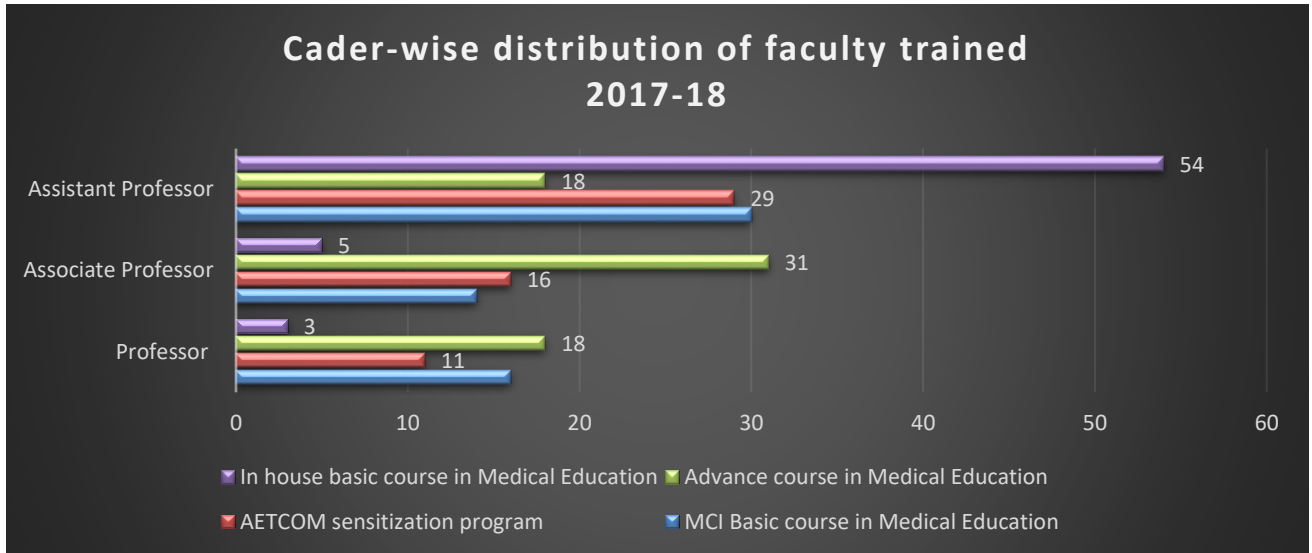
Sr. No.	Workshops	No. of Beneficiaries
1.	6 <sup>th</sup> Revised Basic course in Medical Education	30
2.	7 <sup>th</sup> Revised Basic course in Medical Education	30
3.	7 <sup>th</sup> Sensitization Program on ATECOM Module	27
4.	8 <sup>th</sup> Sensitization Program on ATECOM Module	29
5.	4 <sup>th</sup> Advance course in Medical Education	19
6.	5 <sup>th</sup> Advance course in Medical Education	23
7.	6 <sup>th</sup> Advance course in Medical Education ( <b>first Onsite session</b> )	25
8.	In house Basic course in Health Professions Education	62
<b>Total</b>		<b>245</b>

- b. A total of 6 workshops were observed by MCI Nodal centre at other Institutes during the academic year 2017-18, as depicted below ;

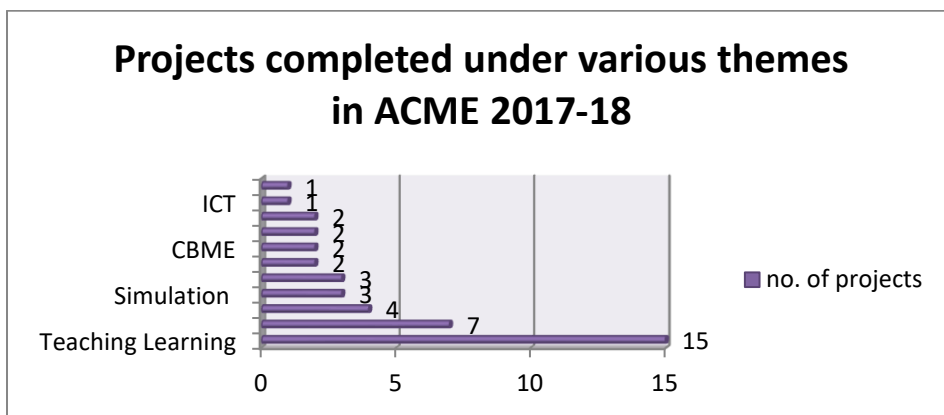
Sr. No.	Name of Institute	No of Beneficiaries	Name of Observer
1.	NKP Salve Institute of Medical Sciences & Research	21	Dr. AbhishekIngole
2.		21	Dr. SunitaVagha
3.	Government Medical College, Nagpur	30	Dr. Swanand Pathak
4.		30	Dr. AlkaRawekar

5.	Shr. Vasantnaik Government Medical College, Yavatmal	30	Dr. Tripti Srivastava
6.	Indira Gandhi Government Medical College, Nagpur	21	Dr. ArchanaDhok
<b>Total No. of beneficiaries</b>		<b>153</b>	

c. **Cader-wise distribution of faculty trained in courses conducted at MCI Nodal centre:**A total of 48 Professors, 66 Associate professors and 131 Assistant Professors were trained during the workshops conducted at the centre.



d. **Projects completed as a part of MCI Advance course in Medical Education (2017-18):** 42 Educational research projects were conducted during 2017-18 under various themes as depicted below ;



Glimpses of 'Decade Celebration' of MCI Nodal centre for National Faculty dewvelopment



Glimpses of various workshops  
(2017-18)



# Students Guidance Clinic

## Prologue:

The Counseling Center supports the University's mission "to foster the education, critical thinking, and intellectual growth of its students, the creation and application of new knowledge, the economic development of the State, and effective engagement of its students, faculty and staff with the surrounding world."

## 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.

## Faculty

Invited faculty: Dr. D. A. Biswas

Mrs. Vaishali D. Tendolkar

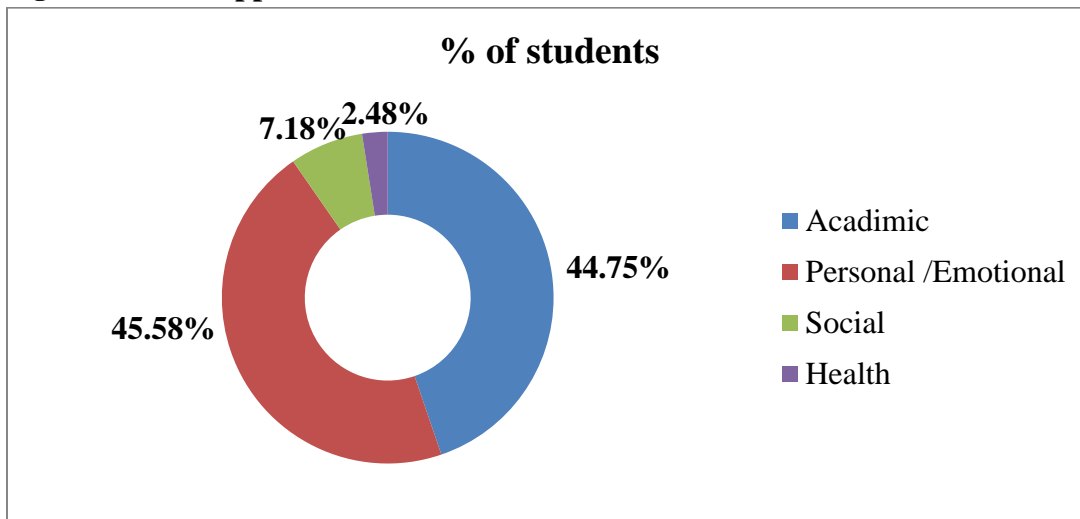
Regular faculty : Mrs. Rupali Sarode (Clinical psychologist)

: MS. Ashwini Wankhede (Clinical Psychologist)

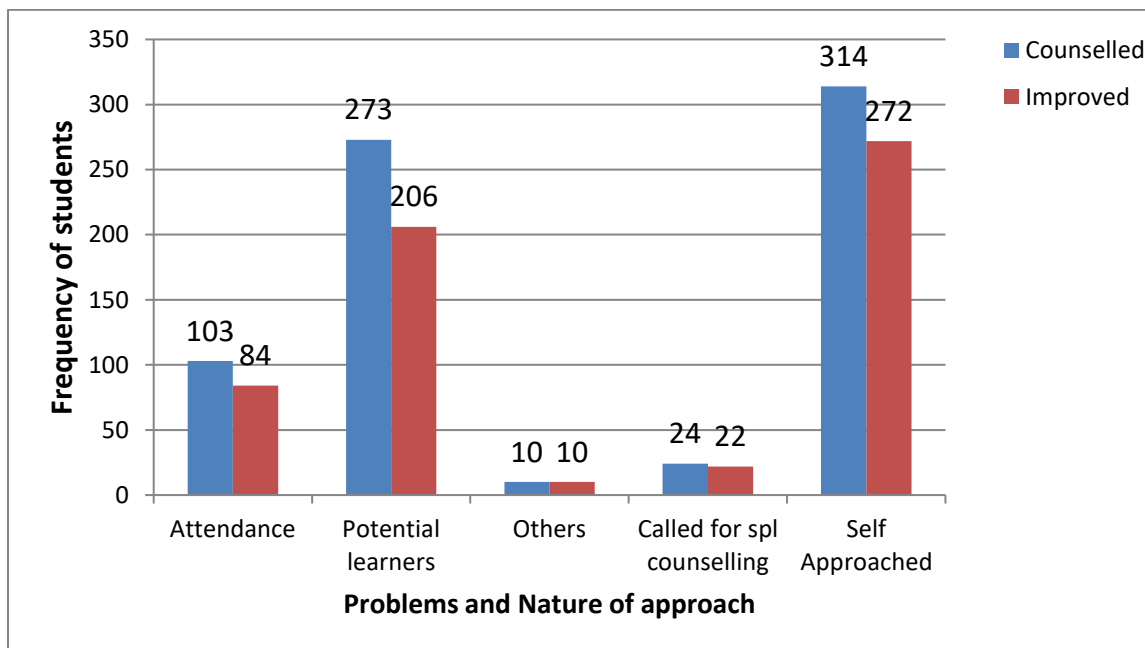
Table No. 1: No of beneficiaries attended the student counseling services

Sr. No.	Activities	Beneficiaries					Total
		Low Attendance	Potential Learners	Self Approached	Counselor called for session	HOI, HOD, Teacher referred approached	
1	Guidance and Counseling	103	273	314	24	10	724

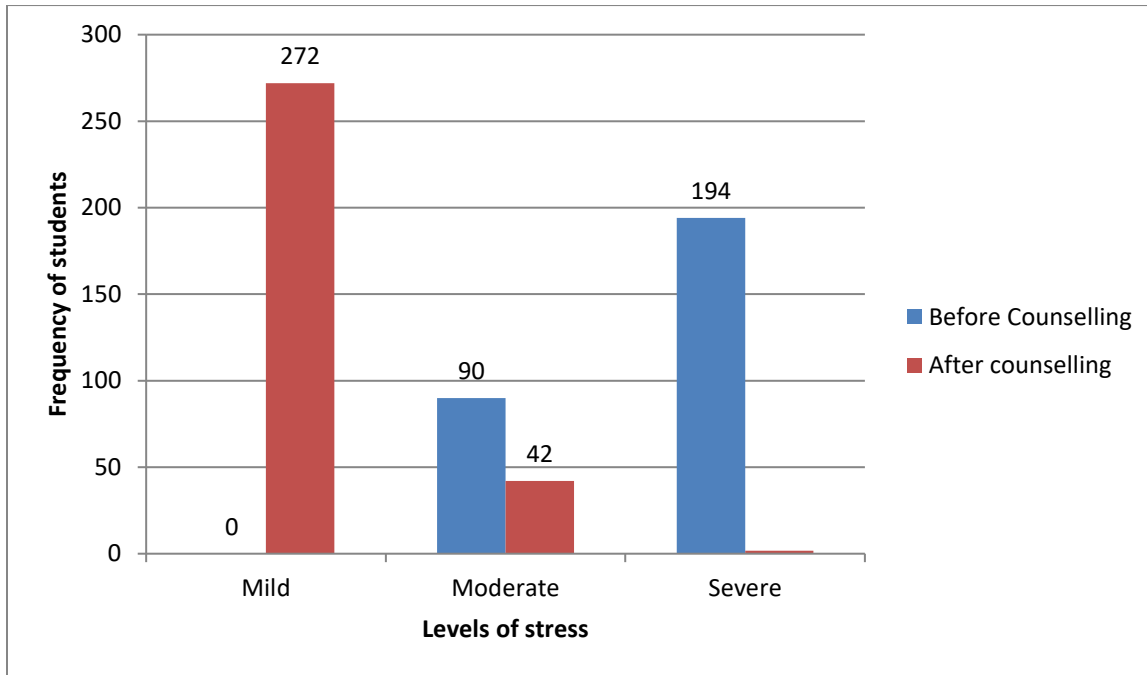
**Fig. 1. Students approached SGC for identified areas.**



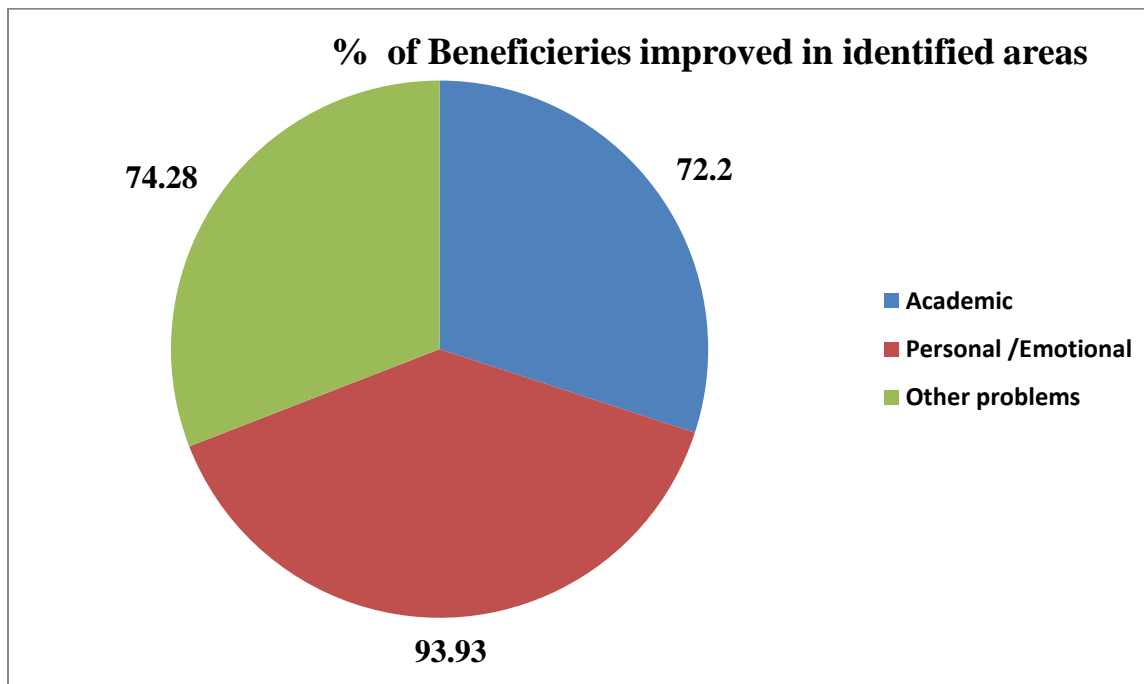
**Fig no 2: Beneficiaries counseled and improved**



**Fig no 3: Impact of counseling of self approached students**



**Fig no 4: Improvement of beneficiaries in identified areas**



## **Research profile of SGC.**

### **Paper/Poster Presented in conference**

➤ **International Conference:**

4 papers presented in international conference Malaysia, Nepal, and India.

1 poster presented in international conference in Nepal.

### **Guest lecturers organized for Students**

- Anti ragging Counseling Sessions for First and second year all constituent colleges. (Calendar activity)
- Orientation of SGC for First year all constituent colleges. (Calendar activity).
- 8 guest lectures delivered in various schools and institutes on psychological aspects.

## International Students Cell

The influx of NRI/Foreign Nationals/People of India Origin students in our campus has internationalized our University. The name and goodwill has now spread outside the borders of our country and people from as far as USA, Australia, Canada, UAE, Kuwait, Oman, Qatar, Kingdom of Saudi Arabia, Maldives to name a few are now very well aware of the presence of our University. The NRI Cell which was set up in July 2008 vide notification no. 16 dated 29<sup>th</sup> July 2008 plays a very important role as once such a student is admitted, it takes care of them till they graduate by catering to their needs, hearing and acting upon their concerns and providing valuable support do that they feel comfortable in the campus and are able to concentrate on their studies. It also provides a very convenient forum for their Parents to give vent to their concerns and also take valuable feedback of their wards. In order to broaden the scope of the Cell and make it more meaningful bearing in mind the growing numbers of foreign students, the Cell was renamed as the 'International Students Cell' vide Notification no. 02/2012 dated 14.02.12.

It is extremely important for such students to be comfortable as one satisfied student would ensure the admission of at least two more in the coming session and moreover, we should be able to justify the trust reposed in us by their Parents who send their wards to study in a University located so far away from their homes.

**Need:** The Cell was envisaged to look after the needs of such students admitted under the NRI/FN/PIO Quota from the various countries. It was strongly felt that as such students would be coming to study in a new environment in terms of climate, infrastructure, course, distance from home, language etc., they would need such support to help them adjust quickly to the new environs. It is also a mandatory requirement for the Universities or Institutes who are admitting students under this Quota.

**Functions:** The Cell takes care of the following functions: -

- a) Acts as a single window for all students admitted under this quota
- b) Acts as a single point of contact for the Parents of the students admitted under this quota through its Convener
- c) Ensures the completion of the admission formalities for such students
- d) Ensures the timely payment of fees of such students
- e) Ensures the acclimatization of such students in our campus
- f) Ensures the compliance of 'anti-ragging' measures for such students
- g) Keeps a database of the details of all such students which is necessary to comply with the requirements of the various Ministries, Councils, UGC etc.
- h) Provides travel assistance for the students arriving at and departing from the campus



- i) Arranges for the accommodation for their Parents visiting our campus
- j) Arranges for extra coaching for desirous students on behalf of the University
- k) Counsels such students in various areas of curricular and co-curricular activities
- l) Takes feedback from such students and puts up to the Management for its consideration after careful whetting of the same
- m) Ensures the compliance regarding the registration formalities of the Foreign students in lines with the rules laid down by the Ministry of Home Affairs, Government of India
- n) Acts as a Grievance Redressal Cell for such students
- o) Any other matter related to the welfare and needs of such students

## Academic Highlights

### A. Distinctions earned in the University Examinations

- Pass percentage of 100% in 1<sup>st</sup> MBBS University examination of Summer 2017
- Distinctions in various subjects by 10 students in the Winter 2017 University exams
- Three students appear at Merit nos. 6, 8 and 14 in the MBBS Final Part II exam
- Two students appear at Merit nos. 1 and 9 in the MBBS Final Part I exam
- Four students appear at Merit nos. 3, 8, 9 and 10 in the 2nd MBBS exam
- Pass percentage of 82.14% in 2nd MBBS University exam
- Pass percentage of 100% in Final MBBS Part I University exam
- Pass percentage of 86.20% in Final MBBS Part II University exam

*University exam results of Winter 2017 of students admitted to the MBBS course under the FN/PIO/NRI Quota:*

Sr. no.	Name	Country	Course	Remarks
1	Miss Inasha Naseer	Maldives	MBBS Final Part I	Distinctions in Community Medicine and Oto-Rhino- Laryngology
2	Miss Fathimath Mahaasin Hassan			Distinction in Oto- Rhino-Laryngology
3	Mr. Athul Vinod	U.A.E		Distinction in Oto- Rhino-Laryngology
4	Miss Sangrila Pattanaik			Distinction in Oto- Rhino-Laryngology

5	Miss Soifa Shareef	Maldives	Final MBBS Part II	Distinction in Paediatrics
6	Miss Joannu Varughese	U.A.E.		Distinction in Obstetrics & Gynaecology
7	Miss Alifiya Lokhandwala	U.A.E	MBBS 2nd Year	Distinction in Microbiology
8	Miss Angelina Suma Davis			Distinctions in Microbiology and Pharmacology
9	Miss Enlenca D'Souza	Oman		Distinctions in Pathology, Microbiology and Pharmacology
10	Miss Reshma Anna Johnson	Kuwait		Distinctions in Pathology, Microbiology and Pharmacology

#### B. Awards/Medals conferred at the 9<sup>th</sup> Convocation

- *Miss Aishath Inasha Naseer from Republic of Maldives* – Awarded the Late Shri H.B. Singh Gold Medal for topping in the subject of Community Medicine in the *Final MBBS-I exam*
- *Miss Merin Philip from U.S.A* – Awarded the Chancellor's Gold Medal for topping in the *(Basic) BSc. Nursing Examination* and also awarded the Late Shri Deoraoji Memorial Cash Prize for topping in the subject of Midwifery and Obstetrical Nursing in the Final Basic BSc. Nursing University examination

#### Other Highlights

- National Days of the 14 countries from where the students are studying in our University are being celebrated with full protocol and sanctity

## **INSTITUTIONAL FORAM FOR WOMEN:**

### **Introduction**

DMIMS (D to be U) established its autonomous cell for women named “Institutional Forum For Women” was 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 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.

### **Calender Activities**

IFFW organizes programs according to annual calendar which includes sensitization & awareness sessions about forum’s working , counseling sessions for discussing & advising members on various difficulties e.g. emotional, legal, psychological, marital, academic, social etc. Convener IFFW, Psychologist & specially appointed legal adviser looks after this task.

IFFW provides counseling facility to all members on every second & fourth Tuesday of a month at JNMC conference hall from 2pm tp 4pm. Counseling is done as per need, by Legal adviser , Psychologist & Convener IFFW .

### **Selection of Gender champions**

Selection of Gender Championsis done according to eligibility criterion and the process suggested under UGC Guidelins.

One male & one female student from each academic year, from all constituent colleges are selected as gender champions. JNMC =10, SPDC= 08, MGAC = 8, SRMMCON = 8, FNTCN = 8, RNPC = 06.

Total gender champions = 48 .

All gender champions are recognized and given warm welcome on “International Women’s Day” celebration. They are sensitized for the task of gender equality programs, planning and implementation to be carried out in all calendar activities throughout the year.

Gender Equality Day ( 26<sup>th</sup> August ) is celebrated as one of the calendar activities. All constituent colleges organize different competition and activities for all students.

### **CalendarOf Annual Programs**

The university has pre declared schedule of activities of the institutional forum which is as follows:

1. Women’s Day: --- 8<sup>th</sup> March
2. Mother’s Day ----22<sup>nd</sup> June, Honorable Shalinitai Meghe’s Birthday, motherly figure to our university.
3. Gender equality Day ( 26<sup>th</sup> August )
4. Children’s day--- 14<sup>th</sup> November.
5. Sensitization at Fresher’s Induction Program.
6. Sensitization at Clinical Induction Program.
7. Sensitization at PGITP.

## Activities Conducted

### 1. Sensitization and awareness about IFFW is done in Induction programme and PGOC programme.

- Fresher's Induction
- Clinic Induction
- PGOC

### 2. GENDER EQUALITY DAY CELEBRATION

The institutional forum for women (IFFW) celebrates every year a calendar activity Gender Equality Day for inculcation and awareness with regard to gender bias among students and staff of all constituent colleges of DMIMS (Deemed to be university). This year also IFFW organized a Gender Equality day Celebration in the form of poster competition in all constituent college.

### 3. CHILDREN'S DAY CELEBRATION

Smt. Radhikabai Meghe Memorial College of Nursing organized Children's Day Celebration. As a part of this celebration Essay, Mehandi ,Garland making and Hair style competition was arranged. All teaching & non teaching staff of respective colleges of JNMC, SPDC, MGACHRC, SRMMCON, RNPC and AVBRH participated in the competition.



-Hair style, Mehandi & Garland making competition was judged Mrs. Sunita Wagh , convener of SHPR & Professor of pathology dept. , Mrs. Indu Alwadkar ,Principal of SRMMSON, and Sister Tessay Sebastian, Nursing Director , of AVBRH .



Essay competition was judged Mrs. Pratibha Dawande , convener of IFFW & Proffesor of pathology dept. , Dr. Samarth Shukala, Pathology dept.



Total number of beneficiaries was 100 from all constituents' college.



Following of the participant who got prizes for various Competition-  
**ESSAY COMPETITION-**

SR.NO.	Name of the student Participants	Name of the college	prize
1	Dr. Monika Khubchandani	SPDC	1 <sup>st</sup>
2	Dr. Priyanka Niranjane	SPDC	2 <sup>nd</sup>

**MEHANDI COMPETITION-**

SR.NO.	Name of the student Participants	Name of the college	prize
1	Dr. Ashwini Chinnewar	RNPC	1 <sup>st</sup>
2	Ms. Pranali Wagh	SRMMCON	2 <sup>nd</sup>

**GARLAND MAKING COMPETITION-**

SR.NO.	Name of the student Participants	Name of the college	prize
1	Mrs. Savita Bawane	Hostel Department	1 <sup>st</sup>
2	Dr. Poonam Dudhane	SPDC	2 <sup>nd</sup>

**HAIR STYLE COMPETITION-**

SR.NO.	Name of the student Participants	Name of the college	prize
1	Mrs. Dolly Rokade	SRMMCON	1 <sup>st</sup>
2	Ms. Suvar na Ghugare	SRMMCON	2 <sup>nd</sup>

**4. WOMEN'S DAY CELEBRATION** Institutional forum for women DMIMS (DU) celebrated "International women's day on 9<sup>th</sup> March 2018. Honorable Pro-chancellor DMIMS (Deemd to be University) Dr Vedprakash Mishra was Chief Guest for the programme. Eminent social reformer Dr Satish Gogulwar and Shubhada Deshmukh (running NGO "Amhi amavhya arogyasathi " at Kurkheda , Gadchiroli were guests of honour. Other dignitaries on dais were Dr Neelam Mishra, Pro vice chancellor DMIMS (DU), Dr S.S. Patel, Chief coordinator, Dr A.J. Anjankar , Registrar DMIMS(Dto be U), Dr A.J.Pakhan (Dean SPDC) and co-conveners of all five constituent colleges





**5. GENERAL KNOWLEDGE QUIZ HELD ON THE THEME OF INTERNATIONAL WOMEN'S DAY:**



The Institutional Forum For Women (IFFW) of Jawaharlal Nehru Medical College had organized a programme on the theme of International Women's day in the form of General Knowledge Quiz:



Dr Ashish Anjankar (Co-convener IFFW, JNMC) gave the brief introduction about the Quiz & announced final six teams for the General Knowledge Quiz based on their performance in the Screening round.



Quiz Master for the quiz was Dr. Sourya Acharya (Prof, Dept of Medicine). Dr. Samartha Shukla (Prof, Dept of Pathology) & volunteers from JNMC had prepared this quiz. Quiz comprised of rounds based on the themes of Sports, Mythology, Geography, Literature, Science, Space & technology, History, Mathematics & Current Affairs



Among the faculty teams, team from MGAC (Dr Premkumar Badwaik, Dr Renu Rathi & Dr Bhargav Bhide) stood 1st in the competition. Faculty team from SPDC (Dr Vasudevan, Dr Nilesh Rathi & Dr Prachet Dakshinkar) got the 1st runners up prize. Faculty team from JNMC (Dr Asha Jha, Dr Pramita Muntode & Dr Abhishek Joshi) got the 2nd runners up prize.

Among the Students teams, team from JNMC 2016 batch (Ms Ayushi Shastri, Mr Yaman Goyal & Mr Praful Bhargav ) stood 1st in the competition. Students team from MGAC (Ms Rucha Selkar, Mr Gaurav Rathi & Mr Krishna Patnaik) got the 1st runners up prize. Students team from JNMC 2014 batch (Mr Nishay Tekulwar, Mr Abhijeet Kothari & Mr Gaurav Anand) got the 2nd runners up prize.



Cash prizes were given to the winners at the hands of Dr. Pratibha Dawande Convener, IFFW, DMIMS (DU). The Certificates of participation and appreciation were distributed to the participants.

## 6. Mother's Day celebrations 22 June 18

On 22nd June 2018 IFFW celebrated mother's day by visiting "Sankalp" a NGO at village Rotha, near Sawangi. It runs hostel and educational projects for begger's children.



Intern students of Sharad Pawar Dental College presented a skit on Dental Hygiene, Brushing Techniques as well as Handwashing techniques.

PG students from Ravi Nair Physiotherapy College, presented a skit on posture corrections Exercises and explain them the all the information. Children enjoyed both the skits and also revised all the techniques with the students.







Children from NGO performed Dance on motivational songs in front of IFFW team members.

IFFW team gifted LCD projector to Ms. Mangeshi Moon for the NGO and gifted variety of saplings to all children.



Ms. Mangeshi Moon narrated the struggle and journey for establishing the NGO “Sankalp”.



### Internal Complaint Committee

#### **Sexual Harassment of Women at Workplace**

Internal complaint committee (ICC) is constituted according to the act, "THE SEXUAL HARASSMENT OF WOMEN AT WORKPLACE (PREVENTION, PROHIBITION AND REDRESSAL) ACT 2013".

This is an act to provide protection against sexual harassment of women at workplace and for the prevention and Redressal of complaints of sexual harassment and for matters connected therewith or incidental thereto.

By **definition**; Sexual Harassment is any unwelcome sexually determined behavior, direct or by implications, and includes: physical contact and advances, demand or request for sexual favors, sexually colored remarks, display of pornography and any other unwelcome physical, verbal or nonverbal conduct of sexual nature.

Sexual harassment results in violation of the fundamental rights of a women to equality under articles 14 and 15 of the Constitution of India and her right to life and to live with dignity under article 21 of Constitution and right to practice any profession or to carry on any occupation, trade or business which includes a right to a safe environment free from sexual harassment.

The protection against sexual harassment and the right to work with dignity are universally recognized human rights by international conventions and instruments such as Convention on the Elimination of all Forms of Discriminations against Women, which has been ratified on the 25<sup>th</sup> June 1993 by the Government of India.

#### **The Objective of ICC –**

1. To make the campus safe, free from sexual harassment; with zero tolerance
2. Redressal of complaints of sexual harassment at DMIMS (DU)

#### **Members of ICC –**

1. Dr Mrs Alka Rawekar	Professor, Dept of Physiology JNMC	Chairperson
2. Dr S Z Quazi	Professor, Community Medicine JNMC	Member
3. Dr Mrs Vidya Baliga	Reader, Dept of Periodontics, SPDC	Member
4. Mrs S Parihar	Admin. Officer, JNMC	Member
5. Mrs Sadhna Saraf	NGO Representative	Member
6. Dr Irshad Quereshi	Vice Dean, RNPC	Member
7. Dr Pradnya Dandekar	Professor, MGAC & R	Member
8. Dr Jaya Gawai	Professor, SRMMCON	Member
9. Dr Shilpa BS	Lecturer, SPDC	Secretary

#### **Working of ICC:**

The members of ICC meet **quarterly**

1. To take the stock of all complaints of sexual harassment at workplace at DMIMS (DU)
2. Plan for awareness programs for teaching staff/nonteaching staff/students on  
Gender bias,  
Sexual harassment,  
Women empowerment.
3. Generation of report and submit to University officials.

**Activities** held during the year 2017-18 as follows:

Total number of activities were 13, which were held at all constituent colleges of DMIMS with total beneficiaries of 1186. All faculty of the ICC organized these sensitization training programs for students, teaching and nonteaching staff of DMIMS along with staff of AVBRH, Sawangi.

*In the year 2017-18, no case was reported to ICC.*

## **CO-CURRICULAR AND EXTRA CURRICULAR ACTIVITIES**

Datta Meghe Institute of Medical Science (Deem University) regularly conducts the Annual Sports meet named “ENERGIA” every year where the sports activities for the Men’s and Women’s are conducted separately. The institution also conducts a State level Inter Medical; Dental & Physiotherapy sports competitions named “IMPLSE” in the campus. The participation of the Women’s in these events start from this year. The institution encourages the students to participate in various sports and cultural competitions organized by difference institutions and All India Inter University Championship which has added to the personality profile of the students in a big way.

AXON – 2018 (National level Inter Medical Sports Meet) conducted in our campus i.e. on Dattaray Krida Sankul in between 24<sup>th</sup> February to 1<sup>st</sup> March 2018. In Cricket & Volleyball and Basketball (Women’s) events we won Silver medal and in Basketball we won Gold medal.

Inter Institute Staff matches also held in the month of March – 2018. Games events were Cricket, Volleyball and Badminton.

### **ACTIVITY CALENDER**

ANNUAL TIME TABLE FOR GAMES AND SPORTS ACTIVITIES 2017 - 2018			
Sr. No.	Month & Year	Date	Activities
1	June -17	21st June	International Yoga Day
2	July - 17	29 <sup>th</sup> July	New students will give their choice for games
3	Aug-17	29th Aug.	National Sports Day
4	Sep-17	3rd to 10th Sept.	Analysis of the students choices
		3 <sup>rd</sup> September	GFC Sports Night
		15th to 20th Sept.	Procurement of the material required for sports activities for the year - 2017-18
5	October - 17	1st to 31st Oct.	Badminton in the respective hostels.
			Chess, Carrom, Table – Tennis will play in respective hostels
			Cricket, Football will play at the Dattatraya Krida Sankul.
			Volleyball will play in the play ground of respective hostels and Dattatraya Krida Sankul.
6	Nov-17	14 <sup>th</sup> – 18 <sup>th</sup> Nov.	All India Inter University Baseball Championship Rohtak (Rajashthan)
		17th to 30th Nov.	Indoor and outdoor games at respective hostel and Dattatraya Krida Sankul..
		19 <sup>th</sup> – 22 <sup>nd</sup> Nov.	West Zone Inter University Kabaddi Championship at Rajashthan
7	December- 17	21 <sup>st</sup> -30 <sup>th</sup> Dec.	Preparation for Energia – 2018 (Inter & Intra Collegiate meet)
		21 <sup>st</sup> – 25 <sup>th</sup> Dec.	West Zone Inter University Football Championship Bhopal (M.P.)
8	January - 17	6 <sup>th</sup> – 30 <sup>th</sup> Jan.	Energia – 18 (Inter & Intra Collegiate Sports meet)
		12 <sup>th</sup> Jan.	National Youth Day
9	February - 17	24 <sup>th</sup> Feb. – 1 <sup>st</sup> March 18	All India inter Medical Deemed University Competition (Cricket, Basketball and Volleyball).
		17 <sup>th</sup> – 19 <sup>th</sup> February	All India Inter University Sepak Takraw Championship , Hyderabad (Andhrapradesh)
		25 <sup>th</sup> February	Mini Marathon - 2018
10	Mar-May 18	March – May 2018	All Indoor & Outdoor sports activities to be continued.



**Celebration of International Yoga Day on June 21 since its inception in 2015.**



**Celebration of National Sports Day”  
On 29th August 2017**



**Celebration GFC Sports Night on 29th August and 1st September 2017 and Final played on 3rd September 2017.**



**DMIMS (DU) students participated at West Zone Inter University Kabaddi Championship 2017-18 at Pandit Deendayal Upadhaya Shekhawati University Sikar (Rajasthan) in between 19th To 22nd November 2017.**



**DMIMS (DU) students participated at All India Inter University Baseball Championship 2017-18 at Maharshi Dayanand University Rohtak (Rajasthan) in between 14th To 18th November 2017.**



**Alumni Cricket Match- Alumni Batch 1993 verses SPDC teaching staff played Cricket Match on 30th December 2017 at Shri Dattatray Krida Sankul Sawangi (Meghe) Wardha. Alumni 1993 batch won the cricket match by 11 runs. Winner and Runner trophies gave to both teams.**



**DMIMS (DU) students participated at All India Inter University Sepak Takraw Championship 2017-18 at Osmania University Hyderabad (Andhrapradesh) in between 17th To 19th February 2018.**



**ENERGIA- 2018 (Annual Sports Meet)- inaugurated on 6th January 2018**



**National Youth Day-12th January 2018**



**Mini Marathon- 25th February 2018**



**AXON – 2018 National Level Inter Medical Sports Meet 24th February to 1st March 2018 24th February.**