Executive summary of
UPDATED SSR INFORMATION

CRITERIONWISE EVALUATION and SWOC

MNR Medical College & Hospital
MNR Nagar, Sangareddy, Sangareddy District,
Telangana–502294

CRITERIONWISE EVALUATION

Section I: GENERAL	
1.1 Name & Address of the Institution:	**MNR Medical College & Hospital** MNR Nagar, Sangareddy, Sangareddy District, Telangana – 502294

1.2 Year of Establishment	2000		
UGC Recognition	MCI Recognized		
Location of the College	Rural		
Area of the campus (in Acres)	32 Acres		
No. of Teachers	Men	Women	Total
Permanent	204	125	329
Temporary	Nil	Nil	Nil
Total no. of Teachers Ph.D:	01	Nil	01
Total no. of Teachers M. Phil:	Nil	Nil	Nil
Total no. of Teachers P.G.	205	125	330
No. of Non- Teaching Staff			
Technical Staff:	49	39	88
Administrative Staff	25	26	51
No. of Students			
UG:	251	348	599
PG:	81	83	164

1.3 Current Academic Activities at the Institution (Numbers):	- MNR Medical College & Hospital, Sangareddy – 502294, Telangana State is established on 30/08/2000. - Affiliated to Kaloji Narayana Rao University of Health Sciences, Warangal - Approved by Medical Council of India - Recognized by Ministry of Health, Govt. of India - The Institution has no off campus centers - Campus area is 32 Acres 38 Guntas, Built in an area of 36215.61 Sq. mts.
Faculties / Schools:	
Departments / Centers:	1. Anatomy 2. Physiology 3. Biochemistry 4. Pharmacology 5. Pathology 6. Microbiology 7. Forensic Medicine 8. Community Medicine 9. General Medicine 10. Pulmonology 11. D.V.L. 12. Psychiatry 13. Paediatrics 14. General Surgery 15. Orthopaedics 16. ENT 17. Anaesthesiology 18. Obst. & Gynaecology 19. Radiology 20. Ophtholmology

Programmes / Course Offered:	One UG Program –MBBS-100 SEATS Total - 17 + 2 = 19 PG program total seats-63 Name of the Programs No. of Seats 1. **UG – MBBS** -- 100 Seats 2. PG – MD-Anatomy -- 2 Seats 3. PG – MD Biochemistry - 2 Seats 4. PG – MD Physiology -- 3 Seats 5. PG – MD Pharmacology-- 2 Seats 6. PG – MD Microbiology -- 2 Seats 7. PG – MD SPM (Comm. Med) -- 2 Seats 8. PG – MD General Medicine -- 8 Seats 9. PG – MD Pediatrics -- 2 Seats 10. PG – MD-DVL -- 3 Seats 11. PG – MD-Pulmonary Med (TB&C)-- 4 Seats 12. PG – MD Anesthesia -- 7 Seats 13. PG – MD Radio Diagnosis -- 5 Seats 14. PG – MD General Surgery -- 8 Seats 15. PG – MS ENT -- 2 Seats – 16. PG – MS Orthopedics -- 2 Seats 17. PG – MS OBGY -- 5 Seats 18. PG – MS Ophthalmology-- 1 Seat 19. Diploma in Anesthesia -- 1 Seat 20. Diploma in OBGY -- 1 Seat

Section II: CRITERION WISE ANALYSIS-2.1 Curricular Aspects:

1.1 Curricular Design & Development:

- The goals are to serve the community with human *health care education, service & research*.

- Contribute *general, specialized and advanced* learned *healthcare professionals* to the community.

- These goals are accomplished by establishing a tertiary health care **Medical College and Hospital** which provides human health care science education in MBBS, Post graduate different specialties. .specialty , tertiary healthcare services

- **Curriculum committee** at all departments consider relevance, Employability & entrepreneurship, higher knowledge in its revision

  - The curriculum is Affiliated to Kaloji Narayana Rao University of Health Sciences, Warangal

- Overall development of students, are major considerations

- The local/ national/regional/global developmental needs are considered in Curriculum design

- Consultation with academic experts, community , employment sector /alumni / other stakeholders is incorporated

- **Time table and annual calendar of events** committee plans and implements schedules – university provides academic calender,microschedules

- Other timetables, annual calendar of events, teacher topic time tables are prepared by the respective departments

- The college offers following **program options** leading to - Medical graduation ,post graduation , degrees and diploma

- **Elective options** are provided in all the post graduation programs

- The college follows a semester system.

2.**1.2 Academic Flexibility** **Name of the Program**

Name of the Program	No. of Seats
UG – MBBS	- 100 Seats
PG – MD-Anatomy	- 2 Seats
PG – MD Biochemistry	- 2 Seats
PG – MD Physiology	- 3 Seats
PG – MD Pharmacology	- 2 Seats
PG – MD Microbiology	- 2 Seats
PG – MD SPM (Comm. Med)	- 2 Seats
PG – MD General Medicine	- 8 Seats
PG – MD Pediatrics	- 2 Seats
PG – MD-DVL	- 3 Seats
PG – MD-Pulmonary Med (TB&C)	- 4 Seats

PG – MD Anesthesia	- 7 Seats
PG – MD Radio Diagnosis	- 5 Seats
PG – MD General Surgery	- 8 Seats
PG – MS ENT	- 2 Seats
PG – MS Orthopedics	- 2 Seats
PG – MS OBGY	- 5 Seats
PG – MS Ophthalmology	- 1 Seat
Diploma in Anesthesia	- 1 Seat
Diploma in OBGY	- 1 Seat
Total - 17 + 2 = 19	63

1.3 Curriculum Enrichment

• The curriculum committee revises the curriculum at regular intervals

• Topics in interdisciplinary areas are initiated all the departments.

• Value added courses, problem based learning, Enrichment courses and bridge courses are implemented. **Enrichment courses-**Total number of enrichment courses: – 77. PBL-505

• Hand wash techniques, catheterization, CPR, basic life support of adult, basic life support of neonate, lumbar, puncture, intubation, CVP Monitoring, basic life support of pediatrics, case of unconscious patient, conduction of normal delivery, IM/IV intra catheter for emergency procedure, mechanism of labor, instrumental delivery, Complication of delivery, de-addiction program, Management of postpartum, how to become a best doctor, foreign body removal,Nasogastric intubation, catheterization, awareness of biomedical

waste, surgical skills, dressing and bandage, Surgical skills, venesection, meditation Communication skills, certification of death, Personality development, disaster management and RTA, Ethical awareness, declaration of bad news, care of unconscious patient, intubation, Management of post partum, conduction of normal delivery, lumbar puncture, CPR, hand wash technique, cancelled, CVP monitoring, , mechanism of labor, foreign body removal, certification of death, complications of pregnancy, basic life support hand wash techniques ,Lumbar puncture**,** state of unconscious patient. Orientation classes are conducted on: Soft skills ,Working knowledge of Computers and Internet, Smart classes, Regional language speaking

1.4 **Feedback System**

- Structured feedback are designed and implemented by Feedback committee.
- Feedback from students, alumni, national , international faculty and other stake holders are collected , analyzed and are incorporated during curricular redesign

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2.2 Teaching-Learning &Evaluation:

2.1 Admission Process and Student Profile

- The **admission process** is transparent , publicized in Newspapers, Media, Website, Prospectus and complies to regulatory authorities guidelines.
- Students **enrollment category wise** analyzed after admissions are finalized and reviewed once in a year regularly.
- The college has inclusive **admission policy** catering to diverse student groups and follows statutory reservation policies.

Details of admission process details.(UG)

- 50% of the seats (A category) are filled by the affiliated University.
- 35% of the next lefts over seats (B category) are NEET qualified ranking based management seats. These seats shall be filled through the TPMDCMA as per the merit..
- 15% of the seats (C category) are filled by the management (NEET qualification)

Categories	2013		2014		2015		2016		2017	
	Male	Female	Male	Female	Male	Female	Male	Female	Male	Female
SC	10	6	7	7	5	6	4	6	3	6
ST	2	1	1	2	2	3	0	4	2	2
OBC	22	26	23	25	24	25	22	26	25	26

OC	19	14	18	17	18	17	12	26	17	19
Others	--	--	--	--	--	--	--	--	--	--
TOTAL	100		100		100		100		100	

2.2 Catering to the Diverse Needs:

• Identifies slow learners ,differently-abled students offers tutorials for needy students. The college conducts induction/orientation courses for the new entry students.

• Committee for mentorship is established, need based counseling tutorials are provided for the **slow learners advanced** learners are provided with the challenging task.

• The college conducts bridge classes in regional languages Communication and Soft Skills and English for the needy.

• Has mechanism for monitoring academic growth of different category of students

• Ramp and lift facilities ,provided

2.3 Teaching-Learning Process:

• The college follows academic calendar of the Affiliating University. The college has prepared micro schedule Annual calendar, the lesson plans, teacher topic time table and the teaching learning process incorporates varied learning experiences.

• Teacher self-appraisal, student feedback, self-directed learning, assisted learning; experimental learning and such other methodologies including seminars symposium and tutorials are provided.

• Learning resources are upgraded, laboratories, museums provide resources for wider learning experiences.

Details of different teaching methods, brief on e-learning:

• Different types of teaching methods like didactic lectures, tutorials, seminars, integrated teaching, group discussions

• Practical's : Demonstration, hands on training: bed side teaching ,simulators and mannequins, teaching in community health camps.

• Learning methods: problem based learning (PBL), quiz based learning, peer learning, competency based learning, e-learning are encouraged.

E – learning :

• A) Wi-Fi enabled campus

• B) Digital library

• C) Virtual classroom availability

- D) Accessibility to NTRMEDNET
- An annual institutional membership fee for NTRMEDNET consortium and digital library is 2,50,000/- every year. It provides remote access to e- resources.
- Latest technologies in teaching learning-including computers ,wifi ,LCD ,internet are employed for effective teaching.
- Student centered methods -Experimental learning , practical's , clinical , Field visits ,community integration in curriculum are used
- Faculty and students are recognized for their distinguished academic achievements . Guide incentive is provided to faculties.
- Students and teachers are trained in working knowledge of computers.
- Students are informed of the evaluation process during induction programs and through student handbook.
- Continuous performance assessment cards for under graduates and log book for Post graduates implemented to monitor the performance on continuous basis.
- Field experiences are integrated in curriculum through Community Medicine Department.
- Student Projects are initiated at UG and dissertations are made compulsory at PG level
- Feedback on the evaluation of teachers ,courses and programs collected ,analyzed actions initiated for improvement

2.4 Teacher Quality:

- The faculty members are trained in digital skills like ppt presentations, animations Smart board training and videos. .
- The faculty have undergone regular training in regular working knowledge of computers that deals with the basics of computer, use of internet and LCD, preparation of power point and such other details monitored by the faculty development committee.
- The sanctioned posts are filled as per regulatory norms and no such posts were kept vacant in the past
- The Regulatory/ State Govt. norms for faculty recruitment and promotion are followed.
- The college provides induction and in-service program for new faculty. Highly qualified ,experienced ,retired faculties are retained as advisors
- Faculty members are deputed to workshops of at regional center for medical education for training in special skills in teaching and learning and methodology.
- The following faculty members undergone training

- Dr. Ashok Kumar, Prof & HOD, Dept of pathology
- Dr.Sandhya, Prof & HOD, Dept of OBGDr L Mohana Rupa,Asso prof, dept of pharmacology
- Dr Sarala ,Asso prof,dept of biochemistry
- Dr. Lakshmi, Asso prof,dept of microbiology
- Dr. Rohini, Assisstant prof,dept of anatomy
- The college has appointed adequate well qualified faculty. Of The faculty are with super specialty qualifications and are from different states of the country.
- The college strongly supports the teacher recharge programs and faculties attended conferences and workshops. The college also has conducted conferences – last five years
- As a part to enhance the teacher quality, Intensive faculty development activities are initiated namely
- Dr.Nivya 1st year post graduate student got Guinness World Record for participation and organizing ,the largest simultaneous self examination for breast cancer 2016.

Prof. Gubbi. S. S,-1. Nominated for "Karnataka Rajyothsava" award in 2016 ,2. "Kannada Vakhtha",

3. "karnatkarajyabhushana" award,4. "Kannadanadusahithya",

Dr. Sanjay-1. "Vaidya vidya Siromani" in 2015,2. MCh best dissertation-2014

Dr. Harikumar Goud-Best doctor award from state govt. in 2010 & 12

Dr. Bhavani professor

- Received Vaidya sree Award at Ravindhra Bharathi in 2015 by Padmasri Dr.Kakarla Subbarao
- Has 10 publications in National and International journal
- Best doctor award in 2014 by MNR educational trust
- Best teacher Award in 2015 by MNR educational trust
- Received Vaidya sree Award at Ravindhra Bharathi in 2015 by Padmasri Dr.Kakarla Subbarao

2.5 Evaluation Process and Reforms:

- The college adheres to the academic calendar and declares results timely.
- The college disseminates the evaluation processes to all its stakeholders during orientation program .
- Reforms in the examination initiated.

- Transparency, security and Technology is effectively used in examinations processes .Examinations of grievances redressal mechanism established
- The college has initiated unique method of analyses of results. Performances of subjects in examinations is evaluated and top performing subjects are recognized. The MBBS result index for last five years is 75.5 % All the subject wise index for last five years is evaluated and appropriate actions initiated. Performance ranking of the departments prepared and are awarded
- Question banks is prepared by the all the departments.
- Practical examinations, review of presentation of dissertation, evaluation are few of the methods used for evaluation.
- The library & subject dissertation are mandatory requirement for successful completion of PG programs
- Examination process is transparent and examination hall incorporated appropriate security systems including CCTV cameras.
- Formative assessment in form of weekly tests is followed
- Summative assessment in form of internal assessment at the end of semester and the university examination of both theory and practical at the end of course are held
- There shall be one main and one supplementary examination in a year and should be a gap of six months.
- After completion of 3 academic years the candidates are eligible to appear in the final examination.
- Internal assessment examinations :-
- Four internal assessment examinations are held at an interval of 6 months after completion of 1st year p.g. Course
- each internal examination is for 100 marks.
- Marks distribution in university examination.
- Theory = 4 papers 100x4=400 marks
- Viva = 100 marks
- Practicals = 200 marks
- Criteria for passing :-
- Theory & viva - 50%
- Practicals - 50%
- Dissertations approval report by examiners.

2.3 Research, Consultancy & Extension:

3.1 **Promotion of Research:**

- All faculties have identified and initiated research, seed money is provided by the college.
- The departments are provided with laboratory, research journals and research incentives
- Promotes a research culture by providing teaching work load remission, opportunities for attending conferences. The college collaborates with other research organizations.

Research guides are duly recognized and appropriate incentives are given for guiding research. Sensitization programs including Research Methodology Sessions, orientation guest intellectual property rights are conducted by the institution to promote a research culture on campus. Research committee present. In-house research personnel present.

3.2 **Research Facilities** central advanced research facilities present. All departments have clinical research facility have institutional ethical committee approved by central govt.

3.3 Resources Mobilization- the college provides excellent resources in terms of working, space, equipments, advanced research cell, learned in house human resource, E-journals, digital library, excellent IT and Wifi facilities. Exclusive financial support is provided.

2.**3.4 Research and Publication Output:**

- Infrastructure requirements to facilitate research. The college has established Advanced Research Centre .The college has a Residential facilities (with computer and internet facilities) for research scholars, visiting scientists national/international) are available.

Thrust areas of research .central research lab: Developing Technologies For Mammalian cell culture transfect ions. Developing cell lines for specific applications like reporter cell lines. Developing low cost medical/Dental Equipment.Software tools to check the plagiarism **iThenticate** in research has been implemented costing Rs. 5,51,000/-.. *Interdisciplinary research* is initiated through central *research unit.* Research awards are provided for distinguished achievements in research. Budget for supporting students' research projects and its faculty to file patents. Faculty involvement in research is through faculty research. Interdisciplinary research projects research awards initiated. Incentives are given to the faculty for receiving recognition for research. Incentives are given to the faculty for receiving recognition for research. The college has published total 531 research articles in scientific journals, cumulative H-index of the institution is 52, and individual highest h index is 8.Prof PVP Rao Dept of Pulmonology **patented** Manual nebulizer which is very cost effective and reduces recurring cost of Nubulisation. Patent filing by MNR medical college staff .Dr Ravi Teja for a novel "Biopsy Device" from the department of Radiology

developed an Indigenous "Biopsy Device" which is very cost effective and can be promoted under "Make in India" scheme. As a part of institutional social responsibility the college maintains active linkages with the community by implementing several schemes of the Government for patient welfare. The institution publishes college research journal, college magazine, and student's handbook. The college has maintained hard copies of all publications for last 5 years

.3.5 Consultancy:

- Member of task force for **Mission Indradhanus Immunization program** Designated Micro scopic centre for RNTPC – supplied carl zeiss fluorescence microscope worth of **33 lakh** for Consultancy work for diagnosis of sputum +ve cases, Designated as **sentinel surveillance** centre for diagnosis of **chikun gunya and Dengue fevers** with kits for all cases referred by all PHCs and private Hospitals in Medak Dist. Adequate kits and Rs. 100,000/- budget is allotted.

- Collaboration with director of health, Telangana state for the following Programmes. a)Post assessment Evaluation of mass drug administration on with DEC in Medak Dist. for the year 2010, 2012, 2013, 2015 , 2016 with annual budget of Rs. 15000/-

- b) Medical Certification of cause of death training for PGs of MNRMCH on 2-3-2016 in collaboration with Director of Public Health & F.W.T.S, Hyderabad 50 participants presents Rs.150/per head remuneration was given by Government.

- Verbal Autopsy Project in Medak, Dist. 2012-13 in collaboration with DRDA – Indira Kranthi Pathak Scheme with a budget of Rs. 1,56,800/-

- The central advanced research cell has entered into mou for 2 lakhs with biosatva technologies to provide cell culture technical expertise

3.6 Extension Activities:

- conduct of extension activities is promoted
- Need-based extension programmes are organized.
- Through Committee for extension and ISR activities Students and faculty participate in activities
- All constituents are made aware of its ISR.
- The institute participate in health days. a policy of referring all patients >50 years of age for general health screening in Medical College Hospital.
- The institute regularly conducts extension activities like Health Awareness Programs, Observance of National Health Days like world Heart Day, Anti tobacco day etc, Medical

Camps, and School Medical Health Programs contribute in a major way in creating awareness regarding cardiovascular diseases, cancer etc.

• As described in, the college organizes several outreach programs each year along with District Medical and Health Officials. The students and staff observes all the national health days viz; World AIDS Day, World Health Day, No tobacco Day, Anti TB Day, Oral Hygiene week, Blood Donation Day etc.

• The extension activities conducted by the institute contribute towards mental health and prevention of substance abuse.

• Adoption of population in the geographical area for total health care.

Institutional Social Responsibilities (ISR).

• Household surveys to assess environment and nutritional status ,HIV/AIDS awareness campaign, Participation in school health programme, Hand washing awareness programme, Cancer screening programme.

- Programs as Participation in Rally, Public meetings and Elocution and Essay writing competitions in collaboration with DM & HO, DTO, Collector such as,
- World Health day - 7th April
- World Aids Day on every -1st December
- World Breast feeding week - August
- World Population Day – 11th July

World T.B Day on – 24th March

2.**3.7 Collaborations:**

The institution has MoUs with institutions of national/international importance/other universities

International links

• Academy of Gandhian Studies(AGS),Tirupathi has undertaken the project "HEALTH Record For Students". This is supported by various other systems like MSGD,SAMHITHA Social Venture Pvt Ltd,Bosch and M.N.R Medical college and hospital.
• MSGD: Microsoft services global delivery in giving Microsoft services world wide. They are also known as Microsoft global services index(MGSI).
• Samhitha Social Ventures Pvt Ltd: "digi health" is the project prepared for school e healthcare platform by samhitha social ventures, it is an integrated school based health care solution..
• BOSCH: it is a technical vendor for this project.
• Collabration with Harvard Medical School
• Collaboration with UNICEF

National Linkage

- MNR Medical College and Hospital is having tie ups with the Indian Institute Of Technology, Hyderabad. (IIT)
- Developing of Diagnostic kits
  As a part of Prime Minister Scholarship program MOU between IITH and MNR ET is being made
- Collaboration with India Knowledge Park (IKP), Hyderabad
- Collaboration with CCMB, Hyderabad.
- Collaboration with Hyderabad Central University
- Collaboration with NITK, Surathkal, Karnataka
- Collaboration with Biosatva Technologies (Industry Academia partnership)
- :Collaboration with Genomix Molecular Diagnostics (Industry Academia partnership).
- Collaboration with SANOFI PASTEUR / SHANTHA BIOTECH,

Co-ordination with District Medical and health office, Medak Dist. for **RNTCP**– program with specialists.

- Task force – committee for **adverse effects following Immunization** for Medak Dist. with experts for investigation.
- **Switch programme** of topv to bopv under Eradication of Polio End game strategic 2013-18.
- Mission *Indradhanus Immunization* program Designated Micro scopic centre for RNTPC
- A sentinel surveillance *centre for diagnosis of chikun gunya and Dengue fevers* with kits for all cases referred by all PHCs and private Hospitals in Medak
- *TSPSC Examinations* MNRMC as centre have been conducted during 2015-2016.
- Tie-up with Maxivision Eye Hospital, Banjara Hills, Hyderabad to carry *corneal grafting and other retinal surgeries.*
- Tie-up with *Semen Bank Dikshitha Test Tube baby and Sterility Centre,* Punjagutta, Hyderabad for management of Sterility Clinic at MNR Hospital
- MOU between MNRMCH and MNRDC to provide Medical services and surgical facilities to Dental College students and staff and patients free of cost
- MOU between MNRMCH and Engineering & Technology MNR Nagar to provide Medical consultation and services to students and staff free of cost
- MOU between MNR MCH and MNR school of excellence to provide *free medical, periodical* services and health checkup camps to the students and staff of school.
- *Dead body donations* by individuals and unclaimed bodies from District Hospital, Sangareddy
- *Virtual Classes* at MNR College, Central library every Wednesday in between 12.00 to 1.00PM in Collaboration with the *Care Hospital Bonjara Hills*
- MOU – to undertake classes for DNB students in Basic science   between Care Hospital and MNR Medical College
- Maxi vision Eye Hospital, Banjara Hills, Hyderabad to carry *corneal grafting and other retinal* surgeries. (For Eye Bank)
- **Semen Bank Dikshitha** Test Tube baby and Sterility Centre, Punjagutta, Hyderabad for management of Sterility Clinic at MNR Hospital.

Participation In Government Scheme   Arogyasree Schemes:
- MNR MC and hospital is tied up with Arogyasree schemes since 2008

Linkages With Other Professional Bodies
FACULTY LINKAGES:
- Many of the faculty of MNR MC Hospital are members of other professional bodies

taking active part in attending CMEs Conferences and other programmes conducted by them. They are members of IMA , departmental associations and societies.

SUPER SPECIALITY HOSPITAL COLLABORATION

- As part of teaching and training programmes for UG and PG students MNR Medical College has collaboration with Care Foundation which is a super specialty center.

SOCIO ACADEMIC ENHANCEMENT LINKS

- Bhava Raga Association is a literary and cultural wing of MNR Educational Trust started on 13/12/2010 which conducts cultural events, debates, elocution &essay writing competitions for students on important local, national, international event days and birthdays of eminent personalities to encourage the students in both literal and cultural fields. Students take party in the activities with much enthusiasm.

Other activates of this association are

- To conduct health camps and blood donation camps at various villages and supply blood to the required patients
- Arrange lectures by the Swamijis of Ramakrishna Matam
- Conduct yoga classes.

HEALTH CARE SERVICES TO PHERIPHERAL BODIES

- ADOPTION OF VILLAGES

ADOPTION OF OLDAGE HOME

Mamidipally village and the four thandas under this village 1.Mamidipally Thanda2.Golla Gudem thanda 3.Thunikila 4. Dasugadda , are adopted by MNR Medical college and hospital to give health care services they conduct health care camps regularly and medical treatment is given to required villages

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2.4 Infrastructure and Learning Resource:

2.4.1 Physical Facilities for Learning: the college has excellent facilities for teaching learning including lecture halls, seminar rooms in all department , auditorium ,gym, play grounds ,central library,RO Plant ,distilled water plant, lift facilities, fire safety equipments, CCTV ,Network towers, ecofriendly car ,generator, canteen ,supermarket,pharmacy,stationary shop, compressor hostels ,staff quarters, transport system solar panels ,led bulbs across campus, water Harvesting ,rain water drainage ,security and parking facilities

2.4.3 Library as a Learning Resources

- Institutions are proud of their State of the art library

- Library contains latest and wide range of reference books and textbooks

- During exams, if the students need extra library hours, the library will be open overnight.

- Each student is given a library card and register number for easy access of books.

- Entry into library is noted in a register where details such as Course, Name of student or faculty, Date, Purpose, Intime and Outtime and Signature must be filled.

- Students who get their own books are allowed to read on the ground floor and are not allowed near the issue section
- Students who wish to refer books are allowed into issue section
- Library contains an A/C room for student/faculty's comfort.
- Issue of books is easy due to the simplified system applied by the library committee where each person is given a register number. This makes it easy for issue of books and the library keeps track of all books issued.
- Books are issued for a week and if there is any delay in returning the book the person is fined.
- Library is WiFi enabled. Washrooms are present for use. Cool drinking water is also provided. Xerox machines are available so that the students can take a photo copy of the page that they need from different books. The library is housed in ground floor. It has 2535 sq. mtrs. Carpet area spread with 10 major sections. Capacity : 750 users can use library at a time
- **Sections** Circulation Section, Reference Section, Journal Section, Bound Volume Section, Dissertation /UG & PG Section, Reprography Section, News paper Section,
- Drinking water and, Rest Room Section,

STAFF

- **Library has 15 staff   -3**
- Working Hours (Rest of the college holidays)
- All Working Days   : 8 AM. to 9 PM.
- Sundays & Holidays : 9 AM. to 4 PM.
- During University examination period we do extend Library hours up to 11 pm.

Seating capacity

- ❖ Reading - 500,Staff Reading Room - 30,P.G. Reading Room -   30,Journal Section-30,Digital Library -   40,Virtual Class Room-1,TOTAL -750

LIBRARY Facilities And SERVICES

- Open Access Services.
- Circulation Services.
- Reference Services.
- CD's or DVD's Browsing Services.

- Reprography Services. News Paper clipping Services. Book Bank Services. Information display and Notification. Display of New Arrivals. Book Exhibition. Question Bank Services. Library advisory committee present monitors 50 library performance indicators, book exhibition, book bank established, book talks arranged, best library user award student. Best library user award teacher given.

.4.4 ICT as Learning Resources

- 19" AHA Interactive Panel in Lecture Hall III.
- Hitachi 4200 lumens Projectors
- Sound System for All Lecture Halls, with Studio master Collar mike and Hand mike.Installed Digital Podiums in all Lecture Halls (LHIII),Conference system which includes Cmc-5200 Conference delegate Unit, Cmc-5100 Conference Chairman Unit, Cma-5400 Conference Central Amplifier, Ps-500t 32 Watt Wall Mount Speaker, Ssb 120 Dp Amplifier With Usb Studio Master Br 28 Uhf Cordless Handheld Mikes-installed in the Central Administration Block, and Medical College. Audio setup installed in Lecture Hall-5 in the Hospital ;HITACHI Cp-x3041wn 3200 Ansi, 10000:1 Contrast Ratio,xga/ 2 Hdmi Input Projector,Ez-Cast Enabled portronics Wifi dongle to connect projector thorough Wifi. (NA),SEQRITE End Point Security 7.1 Business Edition Anti-Virus Software for 150 users across the Campus installed all HODs systems and all HMIS users in entire campus.Seqrite Anti-virus Admin Console in [Dell Precision T7400 Workstation](#).The Avaya Scopia® XT 5000 Telepresence Platform creates a lifelike, immersive experience replicating the feeling of meeting in-person. It is customizable to the unique requirements.We have 8 User Licenses to make conference calls at a single time from different locations.We use DELL Vostro 3800 PC as SERVER for Video conference system.Polycom Video Conference device to connect virtual Classes,NEC Make projector,Acoustic sound system with Yamaha Mixer and BoschAmplifier and Liner Speakers and Ceiling mount speakers.HP 6000 Series PC for classes. Public IP for VC,Hi- internet Bandwidth for virtual Class ,Cameras for remote View.Panasonic High End Projector to display the content of Images and Videos.Electro Voice Audio setup that includes 2 Sub woofers, 4 Wall-mounted Speakers and 2 Stage monitors, controlled by Yamaha 18 Channel Mixer.
- Electro Voice Hand mikes, Collar mikes and goose neck podium mikes.EV Q44,Q45 Amplifiers. Using Open Scape Unify Business X5 Communication EPABX

SERVER with 24 Analog Extensions, 8 Analog Trunks, 48 DSP Resources, and 204 IP Telephone user Licenses.

- Using MATRIX VoIP-FXO-FXS Gateway Modules for Entire Campus with 24 port, 16 Port, 8 Port and 4 Port Devices for Telephone intercom communication system.

TV FACILITY :

- We are using Philips Signage solution system

  and 55" and 43" TVs for patients' waiting

  areas in the Hospital, Medical college,

  Admin Block and Central Library to display

  important notices, images and videos for

  students and staff.

- 43" LED Display TVs for Students' common rooms, and 32" Display TVs have been installed for individual rooms

CC TV FACILITY :

- Using Magus Secure CCTV system for Entire Campus in Hospital.
- 90 Analog cameras with 9 HVRs for 24/7 video recording have been installed.
- 60 IP based MIPB244VF01 modal SONY 3 megapixel HD Cameras
- Remote management through port forwarding rules for HVRs and IPS
- Using 32CH 1080P HD NVR. MNVR0832 with Playback channels: 1 / 4 / 9/16 CH Synchronous playback Support ONVIF, 8 SATA (each max 4TB) Interface: HDMI X 1, VGA X 1, audio output X 1, USB X 3,1000M RJ45 X 1, 16CH alarm in + 4CH alarm out* RS-485 X 1 can use NVR keyboard

  Maintaining 30 Days Backup

BIOMETRIC ATTENDANCE FACILITY :

- Using Campus Medicine Software
- for Attendance system for staff   and
- for information for students' sms system.

  Using Securax software
- to generate Biometric attendance reports
- from Essl x990 and U Face 602.
- Using sms.scubedigi.com Bulk sms system to send messages to students and staff from Campus medicine software, tally software.

PUBLIC ADDRESSING SYSTEM FACILITY :

- Bosch Public Addressing system

with 120 Ceiling mount Speakers, and

controlled by Bosch Amplifiers.

- Our PA system has been integrated with EPABX system so that announcements can be made from any intercom telephone across the campus.
- Central Alarm system in the Hospital for Emergency alerts and announcements for the entire Campus.
- IT - SERVERS :
- MNR Hospital - SERVERs IBM X 3400 with RAID 5 tech HMIS software
- MNR Central Library – DELL Vastro3800 Running Library Software
- Campus – Dell Xeon SERVER for Tally Software
- Campus – DELL X5 Xeon for Scopia XT 5000 Video Conference
- Campus – IBM X3400 m3 - Campus Medicine
- Campus – SEQRITE AV SERVER – 150 Users Dell Vostro 3800
- Campus – Smart – CMS – HP 6000 Series SERVER
- Campus – Running VMS server for CCTV solution

Reliable Networking System Available :

- 6 Core Molex single Mode Fiber cable across the Campus
- Molex Line interface Unit devices used to terminate the

Fiber with structured cabling

- Molex Cat-6 Network cable for connecting computers and Networking devices internally.
- Cat-6 24 Port Jack Panels for connectivity of Devices.

Cat-6 Patch Cables for internal connectivity for switches and wifi Access Points

Colleges are using

- Cyberoam 200iNG
- Unified Threat Management appliances
- Additionally, Cyberoam Captive portal for enhanced security.
- High end GSM7328FS – Pro SAFE 24 SFP + 4 Gigabit L3 Managed Stackable Switch for Central Hub at Administration Block and Central Library.
- GSM7224v2 - 24-Port Layer 2 Managed Gigabit Switches for the entire campus connecting Fiber Optic to Fiber Optic using SFP Modules.

2.4.5 Maintenance of

Infrastructure:
Buildings are insured, lift , computer maintenance contracts given

2.5 Student Support and Progression:
5.1 **Student Progression:**

- A System of **mentor-mentee** practiced to cater to the needs of different learners. **Book bank facility,**. - Single window admissions, for students' projects **Seed money is provided Career counseling, Anti-ragging cell**, are provided. Deviated Behaviors of learner are dealt by **Behavior cell. Alumni association** is active and registered. Student progression is monitored on continuous basis. Coaching classes for competitive examinations, career counseling, soft skill development, etc. are available to the students.

  Institution provides strong **encouragement for cultural activities, research, academics, and sports overall personality development** of the learner .Information publicly accessible, international students cell and active students council present

- **Student Support and Progression**

Student Insurance, Gymnasium, Counseling, Health Care facilities, cafeteria are present on the campus- Parent teacher meets are organized, Student charter, Student feedback,, sexual harassment elimination Cell, Grievance Redressal Cell, Student handbook, under performers identification and remedial drill, Continuous Performance Assessments Cards, Value added courses, Facilities for differently –abled are present. Every effort is made to meet the learner needs.

- scholarships, are initiated, The College has a mechanism to monitor increase its pass percentage, reduce its dropout rate , progression of students in various programs, and timely submission of post graduate theses .The college monitors the Enrolment of student's year wise progress, and has maintained details of last five years, program wise. Specific student support is provided for, Physically Disabled and SC, ST, OBC, economically weaker sections. .

the college also maintained track of   students appearing and qualifying in competitive examinations, data is tracked .The progression of students in is regularly monitors timely submission of MD, MS Dissertations

- Maintains successful track record of **students appearing and qualifying in competitive examinations**.

5.2 **Student Support:**

- **Assisting students** for availing **study loan** from banks by creating hassle free environment.
- Assistince will be given to sc, st and other backward sector students in aquiring **government scholarship**.
- Institution is **financially supporting** the students who are **economically backward** but who are **excelling in academics**.
- **Student insurance facility** is provided for all the students.
- Maintaining **book bank** in the institution for improving student knowledge.
- **Student council** is present the campus with representations from various batches of the institution which play an important role in conducting and facilitating various events in and out of the campus and forms a bridge between faculty and students.
- **Prevention of sexual harassement committee** in parallel with womens empowerment committee help in dealing sexual abuse and related matters.
- **Anti ragging committe and squad** is present in the institute which not only prevents ragging inside the campus but also play a key role in maintaining healthy relation between seniors and juniors by regularly conducting various student thought uplifting events.
- The college funds such activities.
- **Feed backs from students-**The institution obtain feed from students on their campus experience, infrastructure, teachers performance library users and academics.
- **Parents meet** are conducted regularly.
- **Students participate** in quality **governance** through **internal quality assurance system and feedb**ack mechanisms. College encourages students to publish materials like catalogues, college magazines, institution magazines.

5.3 Student Activities:

Active Student Council present – and

Students represented on academic and administrative bodies and IQAC. institution magazines published

Feedback from students is used for improving support services. Range of games, extra-curricular activities which contribute to overall development of students are strongly practiced .

- . The college practices **stake holder- college partnership** for excellence in education, service and research..

- **Alumni Association** is established. Conducted technical update program for Alumni'.

- Students are **represented** on **administrative and academic bodies** through the committees that are monitored by respective Associate Deans

- **Proficient sports students** are provided with appropriate sport materials, remuneration, leave, recognition on appropriate plat forms, awards and certificates.

- **Student council** is very active and perform numerous co-curricular, sports and **cultural activities.**

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6 Governance and Leadership:

6.1 Institutional Vision and Leadership:

- The Institution has developed the Vision & Mission Statement by involving the various stakeholders at different levels meetings and discussions.

- The Principal is the head of the Institution and is assisted by four Associate Deans viz., Associate Dean-Academic, Administration, Examination and Human Resources. The effectiveness of the leadership and governance is reflected in this decentralized administration.

- *Vision, Mission and Objectives* of the institution is well articulated, deployed across institution, student handbook and Prospectors.

- *Effective leadership* is provided at all departments, units and the institution. The stakeholders participate in governance through *administrative committees* and feedbacks.

- The Institution has developed the Vision & Mission Statement by involving the various stakeholders at different levels meetings and discussions.

- The statements are well deployed across the institution in prominent places and also in *prospectus*, *handbook*, *website* and such other similar places. The Principal is the head of the Institution and is assisted by four *Associate Deans* viz., *Associate Dean-Academic*, *Administration*, *Examination and Human Resources*.

- The effectiveness of the leadership and governance is reflected in this decentralized participations administration.

- The system adheres to *decentralization and participative management* principle of governance and grooms leadership at different levels.

- The departments are accountable, have empowerment an autonomy to achieve the objectives.

- Strategically to improve on continuous bases, collects *feedbacks from stakeholders.*

- The institute draws *decision based on facts*, information and objectives.

6.2 Strategy Development and Deployment

- The institute does *SWOC analyses* of the constituents of the system, prepares *Perspective plan* document. Through *Prioritization strategy* actions are initiated

- *Organizational structure* is well designed, participative management, decentralization and stake holders involvement is visible

- *Feed back committee* has implemented effective system for continuous improvement.

- *Quality Policy* is displayed in prominent places.

- The varied constituents have prepared *Action plan and schedules* for their task.

- Effective Grievance *Redressal Cell* identifies and resolves Grievances of stakeholders.

- *Student Satisfaction Survey* through varied feedbacks is practiced.

6.3 Faculty Empowerment Strategies

- ➢ *State Govt / GOI and council policies* on recruitment and promotion aspects of its employees implemented.

Faculty and staff welfare committee effective implements and monitor their activities. Institution also has faculty recreation club established.

- ➢ *Self Performance Appraisal* annually which is used to enhance the competency of its faculty and non-teaching staff.

- ➢ *Performance budgeting*, gender auditing is practiced

- ➢ Effective *welfare mechanisms* of the institutions are available to its teaching and non-teaching staff.

> - Conducts program for *professional development* of its staff.
> - Initiated *feedback* for improvement of programs.

For teaching staff

- On duty leave to attend conferences and CDE Programmes, In house CDEs and work shops, Guest lectures by eminent personalities, Cash award for publication in national and international journals.

For non teaching staff

-Communication skills, interpersonal skills

-Life support and emergency management programs

- Attractive salary structure
- Leave provision to attend national and international conferences
- Immediate promotion
- Encouragement to pursue PhD
- Gratuities
- Performance based additional incentives
- Knowledge and skill up gradation programmes, Encouragement of research programmes, Quarters
- Pro Active planning provides comprehensive road map for development.
- Inter departmental integrated teaching and learning
- organizational structure
- Effective feedback system
- IQAC
- Collaborations with other national institutions
- Action plan and schedules
- Effective Grievance Redressal Cell
- Management and monitoring
- Student Satisfaction Survey

6.4 **Financial Management and Resource Mobilization**

- Conducts regular annual external and internal audit.
- Has an adequate *budgetary provision for* academic and administrative *activities*. budget is strictly adhered to by the institution.

- Monitoring *financial management* practices through *internal audit is evidenced* in the institution's financial health.

- *Create corpus fund* and spend on welfare activities.

- Ensures resource mobilization via tuition fees, stipend fees, income from out patient and in patient treatment charges and laboratory income.

6.5 Internal Quality Assurance System

- *Academic audit* is done once in semester by a committee.

- Committee for *teaching learning process* reviews its teaching learning process, learning *outcomes*, *attainments, identifies the gaps* and *bridge courses* at periodic intervals.

- Fully *functional Internal Quality Assurance Cell (IQAC)* present, involves concerned stakeholders in the system at varied levels.

- *External members*, alumni member contribute significantly in the functioning of the IQAC.

- *Autonomy, empowerment* given to academic departments .

The Institution has developed quality manual and IQAC. Associate Dean-Academics reviews the teaching learning process, learning outcomes, teaching methods, teacher quality and such other details periodically. The IQAC has institutionalized notifying the key aspects, performance guidelines and assessment of the performance of the process in the system. All the departments are provided with appropriate autonomy.

2.7 Innovations and best practices:

2.**7.1 Environment Consciousness**

Environmental activities initiated are:

The college has initiated environmental audit and energy audit. Has initiated extensive environmental activities .The activities fall under Use of renewable energy: *Water harvesting.* Bio-hazardous waste management, waste management. Eco-friendly campus, E-waste management. The college conducts energy and green audit.

- Solar System arrangements to save the power
- Plantation for good air.
- Carbon neutralization by conducting the Swatch Bharatha programme.
- Arranging the dust bin in the campus.
- "Swatch Baharat" activity.
- To provide R.O-Drinking water facility in the Campus &Hospital.
- Toilet facilities in campus and colleges.
- Good drainage system in the campus to prevent muscutoos and pollution.
- Sitting arrangement in the garden.
- Fountain arrangement in the garden for maintaining the beauty of campus.
- Bio Hazard buckets for waste in the hospital& labs
- No smoking zones in campus, hospital, canteen,in colleges and other public areas.
- No alcohol zone –drinkers are not allowed in side the main entrance.

ACTIVITIES IN THE PAST 5YRS

- Plantation
- Biomedicalwaste handling
- Swachh bharath
- Rain water harvesting
- Solar energy utilisation
- Educating students ,staff regarding eco friendly practices

2.**7.2 Innovations**

- All key aspects have one or two such innovations, to mention a few; catering to divorce needs of the learners with innovative approach,
- Mentor-mentorship practice, feedback system initiated, result analysis method, staff and student welfare activities, faculty development activities, ISR and environmental

activities, students council and support activities and establishment of IQAC.

2.**7.3 Best Practices**

- Internal Quality Assurance Cell,
- Cell for prevention of Sexual Harassment
- Woman Empowerment Cell, Student council
- Grievances and Redressal Cell,
- Excellent extension and ISR activities
- Environmental Cell,
- Registered alumni association and annual meet,
- Cultural Club,
- Sports Club ,
- Student Insurance

Section III: OVERALL ANALYSIS	

3.1 Institutional Strengths:

- The institution is recognized by Medical Council of India, New Delhi, offers **programs in undergraduate ,post graduation, and postgraduate diplomas , and research.**
- The college conducts **enrichment courses; problem based learning**
- The college collects **feedbacks from students & stakeholders** for the improvement in major constituent processes of the system.
- CPA cards, ICT, Wifi facilities form Innovative teaching and learning process.
- The college **caters to diverse the needs of learner** by the slow learners and mentorship.
- **Varied learning experiences are** provided to accomplish learning outcomes in a learner.
- **Research is initiated by faculties, & students are involved in projects.**
- The College **has published a good number of publications, significant contributions in extension activities and institutional social responsibility.**
- **Excellent physical facilities, library resources and ICT facilities** are resources for

independent learning

- **Decentralized administration & customers participation** are involved in decision making.
- Biometric Attendance for the faculty members as available **Good teacher quality meets the regulatory requirements,** numerous faculty development activities, College provides **student insurance, CCTV, book bank facilities, strong encouragement for sports and cultural** activities.
- The college has established central research unit with excellent infrastructure and qualified manpower for integration of fundamental and human heath care research

3.2 Institutional Weaknesses:

Areas for improvement are identified by IQAC, & action initiated for continuous improvement. Weakness gets rectified on continuous bases.

3.3 Institutional Opportunities:

Quality system getting certified by national and international agencies. Getting the institution autonomous and deemed to be university status

3.4 Institutional Challenges:

- To maintain the competitiveness of the system in quality at lesser cost.
- To get funding resource to foster the research of global relevance and need, is a challenge