



MAHARANA PRATAP Group of Institutions

Kanpur • Lucknow • New Delhi • Jaipur

www.mpgi.edu.in

FOR ADMISSION CONTACT

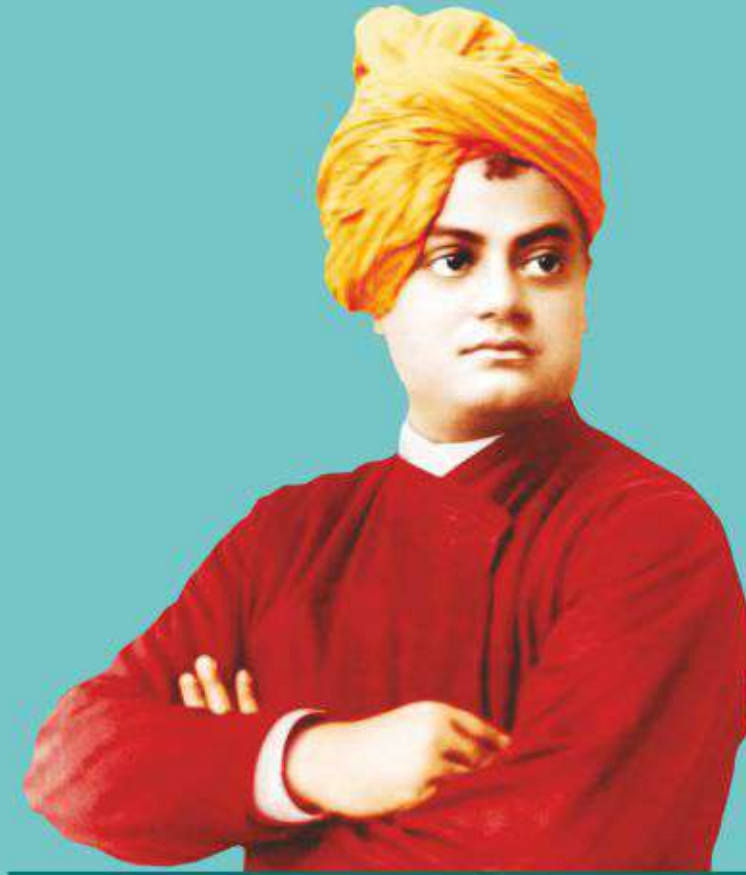
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<https://goo.gl/acJKtQ>



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We want the education
by which character
is formed, strength of
mind is increased,
the intellect is
expanded, and by which
one can stand on
one's own feet

**SWAMI
VIVEKANANDA**



DREAM

If you can dream it
you can do it

GROW

Let us support you
to transform your
dreams into reality

LEAD

Ensure the pioneer
in you is unleashed



Legacy since 1995

Ranked #34 Amongst Top 100 Engineering Colleges in India by Silicon India

Ranked #74 Amongst Top Engineering Colleges in India by Data Quest (May'2017)

Ranked #81 in Tech Enabled Colleges in India by Dataquest

Awarded as
Outstanding Engineering Institute of North India by Lokmat National Education Leadership Awards

Awarded "Excellence in Education" by Hindustan Times

Center of Excellence by
Mobilotte Technology



MOU with IIT Start-up Innovation & Incubation Centre, ["SIIC"] & ICT Academy, Kanpur



Industry integrated Courses with



Foreign University Collaboration

Signed an
MoU with Reliance Jio Infocom
for opening its nodal centres across U.P. & Rajasthan for 4G Technology



VISION

To provide a platform for a life paradigm shift for today's youth so they can enhance their skills to emerge as resilient, dynamic and self-motivated change agents, contributing to an empowered nation.

MISSION

- To stay committed and excel in field of technical, medical and higher education whilst making available the global perspectives to the students.
- To aim for an Intellectual transformation of students by exposing them to new ideas, new approaches and a dynamic curriculum.
- To help students develop a keen technical insight and a critical thinking mind.

OUR VALUES

- **Integrity:** Our blunt refusal to compromise on our standards.
- **Excellence:** Approaching the ordinary with an extraordinary edge.
- **Commitment:** Relentless consistency for great accomplishments.



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Communique` from The Joint Secretary

Dear Students,

On behalf of the whole MPGI family, I would like to welcome you all to Mandhana! You are now a part of a legacy that is 27 years old and also a part of a fantastic future that we will unravel together!

As you leave the comfort zones of your schools and homes, let me assure you that these are the impressionable years, the memories of which shall stay with you for the rest of your lives. You are suddenly in an environment of many choices in all areas of your life and these are the choices that will define your growth after you graduate from here.

We are at very exciting times in the education landscape of India. After Covid, it has been seen that learning has no barriers and information is available at the tip of everyone's hands. However, it has also been seen that only information is not education. The role of teachers has shifted to being mentors who can thread all that information and fuse it with their experience and understanding to provide the students with a platform to learn and grow. I would request you all provide the reverence that your teachers deserve.

The role of multidisciplinary education is also the future and I request you all to keep your minds open to information and learning from all sides. The future is ready and waiting for students who can be lifelong learners and are open to adapt, change and upskill themselves, when the situation demands.

Congratulations on starting your fantastic journey to a shining life ahead!



Gaurav Bhaduria
Joint Secretary, MPGI

7

Points of Educational Philosophy

1

Infrastructure

Providing global standards in academia and campus amenities

2

Academics

Sharp focus on Industry-oriented content application

3

Training

Multinational industrial alliances for staying abreast professionally

4

Placements

Attentiveness to providing a career path, not merely a job

5

Global Exposure

MoU with International Universities in various countries to incorporate global perspectives

6

Student Services

Holistic development is the key, ensuring physical, emotional and psychological well-being of students

7

Campus Life

Warranting balanced environs to the diverse student community



About the Group

Since its inception in the year 1995 with just one school, Maharana Pratap Group of Institutions (MPGI), has diversified and widened its horizons to schools, colleges, hospital and university. We have been providing excellence in education by offering various courses in the diverse streams of Engineering, Management, Computer Applications, Dental, Pharmacy, Information Technology, Nursing, Paramedical Sciences, Ayurvedic Science & Law*

Our campuses, extending over several hundred acres of lush green surroundings, possess modern infrastructure, well-equipped laboratories and enviable libraries. We work as a committed and inspired team of highly qualified faculty providing vision and academic insights to students. Our conscious intent is to ensure each student has an array of opportunities to showcase his/her talents for the best job prospects through excellent campus placement drives.

Our Belief System

We believe in youth with DREAMS who come to us to GROW and leave as a pioneer to LEAD

1. Understanding the pedagogical foundations of technical and higher education as a definitive means for knowledge enhancement.
2. Recruiting the faculty with a broader vision of education as a force which is imperative for educators in today's times as knowledge is not simply received by students, but actively transformed.
3. To consistently stay committed towards providing the best standards of academia and personality development for students to become critical thinkers and an inspired youth.
4. Staying aware to the spurs by technological advances as civilization is on the cusp of a metamorphosis and helping students develop the transferable, higher-order skills they need to become life-long learners and thrive in their future.

Our Future Plans

1

To provide state-of-the-art entertainment and indoor sports facilities to our students

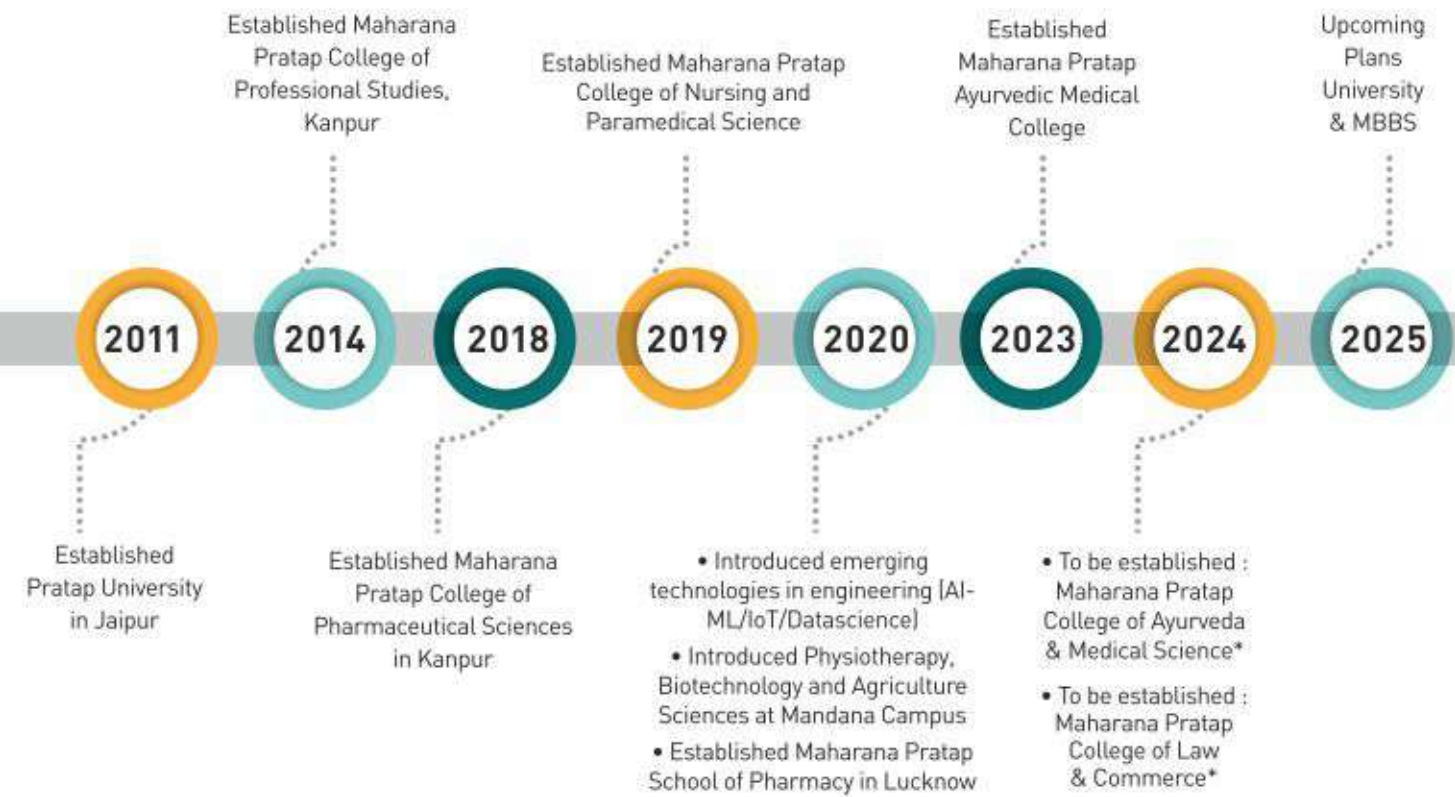
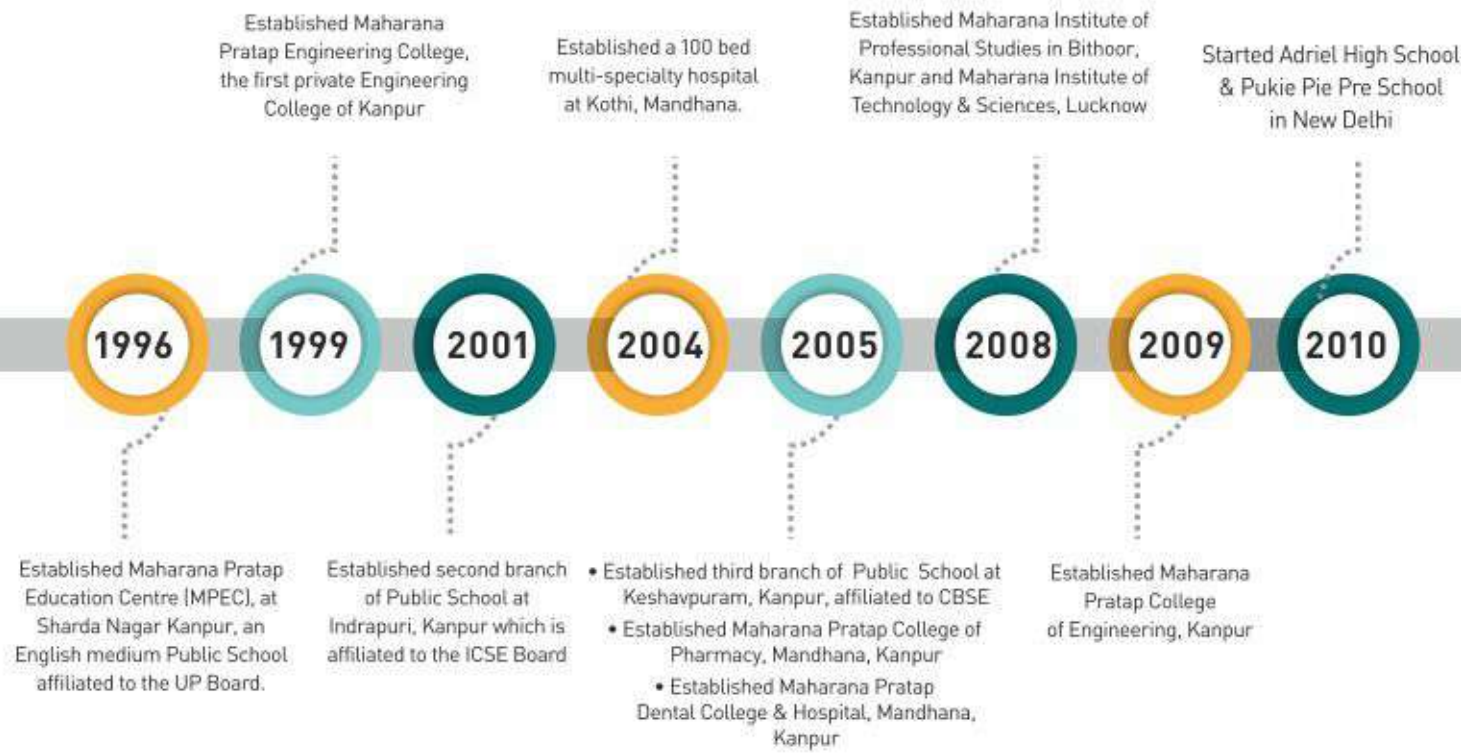
2

To upgrade our group of Institutions to Maharana Pratap University.

3

To tap into the booming field of medical sciences and set up a medical college to help in contributing to the ever-increasing demand for doctors and healthcare professionals.

JOURNEY OF THE GROUP



Affiliations & Approvals



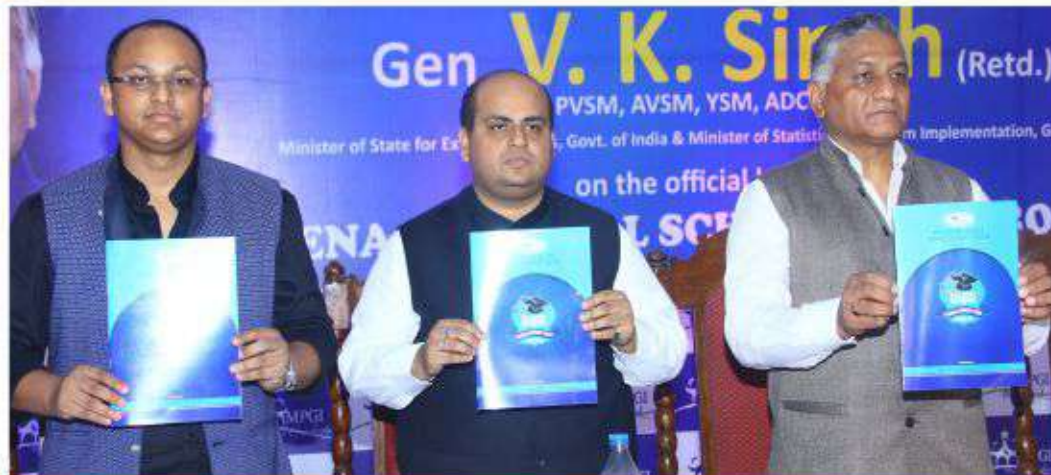
Associations



EMINENT PERSONALITIES @ MPGI LEADERS



Hon'ble Chairman MPGI presenting memento to Late Sri Atal Bihari Vajpayee at college festival



General VK Singh at launch of Beena Memorial Scholarship Programme



Kumari Urna Bharti unveiling a statue of Late Smt. Beena Bhadauria, Ex-Vice Chair Person MPGI

OUR NOTABLE WORK



Joint Secretary MPGI Mr Gaurav Bhadauria accepting a letter of appreciation by Chief Minister Sri Yogi Adityanathji.



Joint Secretary MPGI Mr Gaurav Bhadauria being awarded with Excellence award by Mr. Brajesh Pathak - Deputy CM, UP



MPGI signed an MOU with IIT - SIIC - Startup Innovation and Incubation Centre at IIT Kanpur

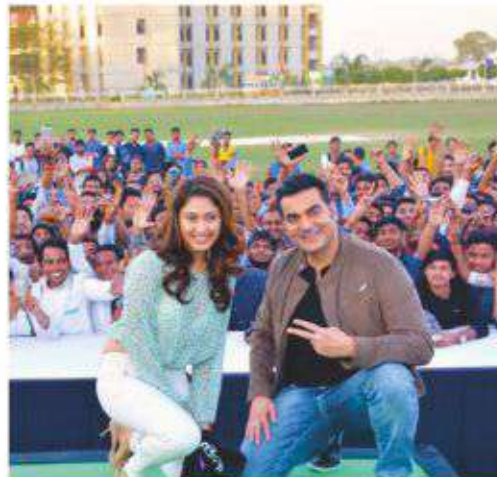


MPGI signed MOU with Mobiloitte Technologies to inaugurate their Centre of Excellence at Mandhana Campus

CELEBRITIES@MPGI



Harrry Sandhu performing @ MPGI Mandhana for Masquerade - The Winter Carnival



Arbaaz Khan & Manjari Phadnis promoting their movie @ MPGI, Kanpur



Neha Kakkar putting up a lively performance for Pratapians at a cultural event



Kailash Kher at his entertaining best



Famous Band Euphoria performing at the MPGI college fest



Chetan Bhagat at an inaugural event

CELEBRITIES@MPGI



Nalayak Band at their rocking performance for the Fresher's Party



Safar Band from New Delhi enthralled the audience with their fantastic songs



DJ Wildcat from Goa delighted the whole Pratapians audience during our Sundowner event



Solfege Band kept the Pratapians glued to them with their very soulful and also very rocking songs



DJ Roody who travels the world was @ MPGI Campus to mix up some music for our Pratapians



Singer Rajeshwari from the yesteryears was at MPGI Campus to connect with our audiences and make a mark

OUR GLOBAL MOUs



MoU signing ceremony with MAHASA UNIVERSITY, Selangor, Malaysia



MoU signing ceremony with UNIVERSITAS AIRLANGGA (UNAIR), Surabaya, Indonesia



MoU signing ceremony with UNIVERSITY SAINS MALAYSIA, Penang, Malaysia



MoU signing ceremony with LITHUANIAN UNIVERSITY OF HEALTH SCIENCES, Lithuania

OUR GLOBAL OUTREACH

University Name: Lodz Technical University • Location: Lodz, Poland, Europe

Team MPGI visited TUL at Lodz to discuss the collaborations in the area of Paramedical, Dental Studies and Pharmaceutical Sciences. Mr Gaurav Bhadauria, Joint Secretary MPGI, visited all the departments and met the deans of various verticals for the meeting of minds and collaborate in various areas.



University Name: Lithuanian University of Health Sciences • Location: Kaunas, Lithuania, Europe

In a recent endeavor, the MPGI team embarked on a journey to the Lithuanian University of Health Sciences to foster a collaborative partnership. Led by Joint Secretary Mr. Gaurav Bhadauria, accompanied by Dr. Vikram Kumar Sahu, Principal of MPCP, and Ms. Gauri Bhatnagar, the delegation engaged in fruitful discussions with their counterparts. The outcome of this visit was the signing of a Memorandum of Understanding (MOU) between the two esteemed institutions. This MOU encompasses various areas of collaboration, including student and faculty exchange programs, as well as joint research ventures.



OUR GLOBAL OUTREACH

University name: Centria University • Location: Kokkola, Finland, Europe

Mr Gaurav Bhadauria, Joint Secretary MPGI went with Dr Vikram Sahu and Ms Gauri Bhatnagar to Centria University Kokkola to meet the senior leadership team at the University. We are in talks to be the education partners for Centria University in various verticals as Engineering, Management and Nursing.



University name: University of Helsinki • Location: Helsinki, Finland, Europe

It was an honor to meet the dean of Pharmacy vertical at University of Helsinki to discuss various collaborative efforts that can be taken between the two institutions for various knowledge exchange initiatives.



OUR GLOBAL OUTREACH



Joint Secretary, Mr. Gaurav Bhadauria with Mr. Jeffrey Alderman, President and CEO, ACBSP USA



Joint Secretary, Mr. Gaurav Bhadauria with Mr. Paul Stumb, Chairman ACBSP USA



Joint Secretary, Mr. Gaurav Bhadauria with Dr. Nitin Tripathy at AIT Bangkok



Joint Secretary, Mr. Gaurav Bhadauria with Dr. Douglas J Gilbert, Vilnius University Lithuania



Joint Secretary, Mr. Gaurav Bhadauria with Dr. Virak Prum, Chairman CamEd Business School Cambodia



Joint Secretary, Mr. Gaurav Bhadauria with Mr. Casey Barnett, President CamEd Business School, Cambodia

OUR CAMPUSES

MANDHANA CAMPUS, KANPUR

Situated on the famous Grand Trunk Road and spread over lush 50 acres of green environs, MPGI Mandhana campus is where the story of our group began! This is the oldest campus of our group and boasts of 6 colleges in the campus. The campus is beautifully landscaped and lawns are adorned with seasonal flowers and trees. Also part of the campus are 2 hostels, 2 cafeterias and 1 canteen. We have a 1000 seater and a 500 seater auditorium and open facilities for pursuing sports and other healthy options.

We encourage physical activities and have a joggers park and Yoga room to provide students with the options of indoor and outdoor sports. The students enjoy sports like cricket and basketball in the sprawling lawns. The campus has an in-house nursery to maintain the green environs through-out the campus.



Colleges	Courses
Maharana Pratap Engineering College (MPEC)	Engineering, Management, Computer Application
Maharana Pratap Dental College (MPDC)	Dentistry
Maharana Pratap College of Nursing and Paramedical Sciences (MPCN&PS)	Nursing
Maharana Pratap College of Pharmacy (MPCP)	Pharmacy
Maharana Pratap College of Pharmaceutical Sciences (MPCPS)	Pharmacy
Maharana Pratap College of Ayurveda and Medical Sciences	AyurVeDa (BAMS)*

BITHOOR CAMPUS

Situated on the right bank of Ganga, Bithoor has a religious relevance according to the Hindu mythology. It is supposed to be the birth place of Lord Ram's sons – Luv and Kush. There are five colleges running various courses in this campus.

Situated at just 10 minute drive from IIT Kanpur and 15 minutes from all major malls and shopping centres, our Bithoor campus is spread over 25 acres of land. It is 8 minute drive from the Mandhana Campus and boasts of 2 residential facilities with a capacity of 275 students each. There are 2 teaching blocks spanning over 5 lac square meters constructed area. We have an auditorium with a seating of 750.



Colleges	Courses
Maharana Institute of Professional Studies (MIPS)	Engineering, Management, Computer Application
Maharana Pratap College of Professional Studies (MPCPS)	Management & Computer Application
Maharana Pratap Ayurvedic Medical College	Ayurveda (BAMS)
Maharana Pratap College of Law & Commerce	LLB, BA-LLB, BBA-LLB

JAIPUR CAMPUS

Colleges	Courses
Pratap University	PhD, Masters, Bachelors & Diploma courses in Engineering, Management, Computer Applications, Basic Sciences, Pharmacy, Mass Communication and Journalism.



LUCKNOW CAMPUS

Colleges	Courses
Maharana Pratap School of Pharmacy (MPSP)	Pharmacy (D.PHARM & B.PHARM)
Maharana Institute of Technology and Sciences (MITS)	Polytechnic, Computer Application, Management



OUR SCHOOLS

We have three schools in Kanpur in Sharda Nagar, Indrapuri and Keshavpuram. Pratap International school is in Rohini, New Delhi. All our schools are well equipped with the modern teaching equipment and labs for various subjects. The teachers believe in experiential learning and teach students in the same manner.



Maharana Pratap Education Centre,
Keshavpuram, Kanpur



Pratap International School,
Delhi



Maharana Pratap Education Centre,
Indrapuri, Kanpur

HIGHEST PACKAGE BY ANY PRIVATE COLLEGE OF KANPUR

49

Lacs per annum
SHRUTI OMER



BTECH-CS | SOFTWARE ENGINEER



Shruti is passing out from CS department this year and she has bagged the HIGHEST PAY PACKAGE IN KANPUR!!!

We celebrate her success and wish her all the very best in all her future endeavours.

Shruti owes her success to her hard work and determination. She is also thankful to the faculty for the regular Hackathons and Coding Competitions held which further aided her with the required knowledge and confidence for the job interviews.

She has also expressed gratitude to the TnP Cell which has provided her with ample opportunities to excel and get the best job. She had job offers from over 10 organisations including Walmart Labs, TCS, Wipro, Sopra Banking and many more.

Offers from other companies



STAR PERFORMER

24

Lacs per annum
SURUBHI SRIVASTAVA



SOFTWARE ENGINEER



Surbhi Srivastava is a 2022 engineering pass out from Maharana Pratap engineering college. She has specialised in the field of Computer Science.

Surbhi is a happy person and known to all teachers as a sincere student. She enjoys singing and loves a good badminton game to unwind. Reading is her hobby and she has adventure in her heart as she enjoys exploring new things!

She has bagged a handsome offer of 24 LPA from Walmart. She also has offers from Cedcoss, Cloud Analogy, Coforge, TCS, Wipro and Park+. But the final decision was her to take.

MPGI wishes Surbhi all the very best in all her future endeavours! Go and explore the world Surbhi! Godspeed!

Offers from other companies



PROGRAMS AND COURSES AT A GLANCE

ENGINEERING

B.TECH

Assured Placement

in collaboration with



- Full Stack Development
- Business Analyst

B.TECH

Industry Integrated

in collaboration with



- Computer Science
- Computer Science Engineering
- CSE - Artificial Intelligence
- CSE - Artificial Intelligence Machine Learning
- CSE - Data Science
- CSE - Internet of Things

B.TECH

Core Engineering

- Electrical Engineering
- Mechanical Engineering
- Electronics & Telecommunication



MANAGEMENT

BBA - Assured Placement

in collaboration with



- CIBOP
- Business Analytics

in collaboration with



- ACCA

BBA - Regular

MBA - Assured Placement

in collaboration with



- CIBOP
- Business Analytics

MBA - Regular

COMPUTER APPLICATION

BCA - Assured Placement

in collaboration with



- Full Stack Development

BCA - Regular

MCA - Assured Placement

in collaboration with



- Full Stack Development

MCA - Regular

PHARMACEUTICAL SCIENCE

M.PHARM

1. Master Of Pharmacy (M. PHARM)

D.PHARM

Diploma In Pharmacy (D. PHARM)

B.PHARM

1. B.PHARM - Regular
2. B.PHARM - Regulatory Affairs
3. B.PHARM - Pharma Covigilance



DENTAL SCIENCE

Bachelor Of Dental
Sciences (BDS)

AYURVEDIC SCIENCE

(I) Bachelor of Ayurvedic Medicine
and Surgery (BAMS)

NURSING & PARAMEDICAL

(I) B.Sc. - Nursing
(ii) ANM (iii) GNM

LAW

1. LLB
2. BA LLB
3. BBA LLB

ENGINEERING

REGULAR ENTRY:

4 YEARS

Passed 10+2 with Physics and Mathematics as compulsory subjects, with one of these - Chemistry/ Biotechnology/ Biology/Technical Vocational subject/ Computer Science/Information Technology/ Informatics Practices/Agriculture/ Engineering Graphics/Business Studies. AND

Obtained at least 45% marks (40% for reserved category) in the above subjects taken together.

OR

Passed Diploma (in Engineering and Technology) with at least 45% marks (40% marks for reserved category) subject to vacancies in the first Year, in case the vacancies at lateral entry are exhausted.

LATERAL ENTRY:

3 YEARS

Has a Diploma with at least 45% marks (40% for reserved category) in any branch of Engineering and Technology.

OR

Passed B.Sc. Degree from a recognized University with at least 45% marks (40% for reserved category) and passed 10+2 with Mathematics as a subject. The students should have cleared the subjects Engineering Graphics/ Engineering Drawing and Engineering Mechanics of the First Year Engineering Programme along with the Second year subjects. B.Sc. students shall be considered only after filling the super numerary seats in this category with students belonging to the Diploma stream.

OR

Passed D.Voc. Stream in the same or allied sector.



Maharana Pratap Engineering College-Academic Block
-Front view



Maharana Pratap Engineering College-Academic Block
-Side view with landscaped lawns



Maharana Institute of Professional Studies-Academic Block
-Front view

Engineering Wing of MPGI - The journey

MPGI ventured in the field of higher studies with Maharana Pratap Engineering College – which also happens to be the oldest private engineering college of Kanpur. From then till now, our engineering wing has grown in leaps and bounds. We have made a constant and a conscious effort to ensure that we stay current as required by the industrial standards. We stay at the top of the game by ensuring that the students are in touch with more than just the curriculum. We make it all happen by adopting the below mentioned 10 initiatives:

- ☑ Rich and experienced faculty
- ☑ Training module PACE
- ☑ Global exposure
- ☑ Academic talks
- ☑ Research emphasis
- ☑ New-age digitalized teaching methodology
- ☑ Certification programs by Corporate Giants
- ☑ Corporate talks
- ☑ Industry visits and exposure
- ☑ Projects and experiential learning

Approved by



All India Council for Technical Education



Board of Technical Education



Abdul Kalam Technical University

- a. Maharana Pratap Engineering College
- b. Maharana Institute of Professional Studies
- c. Maharana Pratap College of Engineering

DEPARTMENT – COMPUTER SCIENCE AND ENGINEERING

Collaboration with IBM

B.Tech

Department of Computer Science & Engineering offers programs in Computer Science and Engineering[Core], Data Science, AI & ML and Internet of Things. These programs equip students with all the skills necessary to become true professionals in the Computer Science domain. A student from computer science domain studies courses related to the theory of Computation, Design and Analysis of Algorithms and Software Systems.

Specialization Courses Offered in Collaboration with IBM

1. Artificial Intelligence and Machine Learning
2. Bigdata and Analytics
3. Cyber Security
4. Artificial Intelligence and Internet of Things
5. Cloud and Internet of Things
6. Cloud and Cyber Security
7. Cloud and FullStack

CSE Department has tied-up
with various Corporates like



HIGHEST CTC: INR 49LPA
AVG CTC: INR 4.5LPA

CSE @ MPGI

- CSE Department has achieved 100% placement of all eligible students in the year 2023 with our highest package ever of 49 LPA and average package of CTC 4.5 LPA.
- The Department imparts cutting-edge skills through conducting quality, innovative and updated teaching.
- Lab Facilities, dissertation guidance and access to International and National Journals. MPGI students have published good-quality research papers in peer-reviewed Indexed Journals and National Conferences under the guidance of supervisors.
- Strategic partnership with industry for maximum exposure.
- The Department actively organizes Conferences, Alumni Symposium, Industry Symposium and Technical Talks by eminent Academicians from the Industry.
- Faculty of Computer Science Engineering at MPGI fulfils multiple roles as Educators, Researchers and Professionals with different backgrounds, scholarly interests and areas of expertise thereby bringing substantial achievement in professional practice and research into the classroom.
- Technical Quizzes and Programming Contests organized by students under the banner of 'C-Mania.'
- Seminar Series to help students to update and develop themselves in emerging fields of Engineering.

Lab Facilities

Laboratories equipped as per AKTU and AICTE

Guidelines

- Programming Lab (C, Java, Python, C++ etc.)
- DBMS
- Data Structures
- CO Lab
- Web Technologies Lab
- Artificial Intelligence Lab
- Mini Project/Project Lab
- Network Lab
- Compiler Lab
- Software Engineering Lab
- Software Testing Lab
- Computer Graphics Lab
- Distributed Systems lab
- Data Mining Lab

COMPUTER SCIENCE AND ENGINEERING (DATA SCIENCE)

Data Science is related to Computer Science, but is a separate field which deals with any type of Data Analysis, which may or may not use computers. Data Science is closely related to Mathematics field of Statistics, which includes collection, organization, analysis, and presentation of data. Data Science has also contributed immensely to the Healthcare Sector. Data Science algorithms and applications can be found in Genomics, Drug Development, Medical Image Analysis, Remote Monitoring, to name a few.

Placement Partners



and many more

Future Scope with CS and Specialisation in Data Science

B.Tech CSE (Data Science) will enable you to be ready for Industry 4.0 emerging and exponential technologies. This course will be using project-based learning leading to internships and career opportunities.

This course is uniquely positioned to keep pace with the emerging skill-sets required in Industry 4.0 MPGI and its industry partners will be happy to help you get placed at MNCs as well as Startups, be it in India or Abroad. You may also decide to become a Technopreneur, as you Graduate after 4 years, and you never know you may have an option to incubate your own startup even before the course ends!

Career Opportunities:

- Business Intelligence Developer
- Data Architect
- Data Analyst
- Data Scientist
- Data Engineer
- Machine Learning Scientist

Lab Facilities

- Machine Learning Lab
- Data Mining Lab
- Python Lab
- Data Visualisation Lab
- Distributed System Lab

COMPUTER SCIENCE AND ENGINEERING (INTERNET OF THINGS)

B.Tech

This 4-year Undergraduate Course of Computer Science & Engineering with specialisation in IOT & application imparts firm foundation in Computer Science wireless communication and computer networks. Internet of Things (IOT) is a network that inter-connects ordinary physical objects with the identifiable addresses that provide Intelligent Services.

The programme aims to train students for professional knowledge and strong practical skills in the field of computer technology communication networks and IT that provides a wide range of applications in the Internet of Things. The programmer has to understand the use of devices in IO Technology, IOT Architecture and the application of IOT in various Technologies.

Lab Facilities

The department has state of art research facilities like Computer Programming and Graphics Lab, Object-Oriented Programming Lab, Language Processor Lab, Network & OS Lab, Internet & Project Lab, Linux Lab, Distributed Systems Lab, Networks Lab, Database Lab.

Future Scope of CSE Specialisation in IOT

Internet of Things (IOT) has been identified as one of the emerging technologies in IT. Future of IOT is very bright as this is feeding and empowering Data Science and Artificial Intelligence in a big way. Data from IOT network enables us to have better tracking, monitoring, prediction, management and control of various systems in different industries.

Career Opportunities:

- Data Analytics
- Network and Structure
- Cell and UI Development Artificial Intelligence
- Infonomics and Data Broking
- Shift from Intelligent Edge to Intelligent Mesh
- IOT Governance
- Sensor Innovation
- Social, Legal and Ethical IOT
- Innovation on the Chip

Specialised Lab Facilities

- Wireless Sensor Networks & IOT Standards Lab
- Cloud Architecture and Deployment Models Lab
- IOT for Industries (Use Case Scenarios)
- Embedded Technology for IOT
- Smarter City-Lab
- Big Data Analytics Lab
- Programming with Advanced C/Embedded C
- Micro-Controller programming using Arduino
- Programming with Python
- IOT Applications using Raspberry Pi
- IOT Cloud Infrastructure

COMPUTER SCIENCE AND ENGINEERING (ARTIFICIAL INTELLIGENCE & MACHINE LEARNING)

B.Tech

Artificial Intelligence has become an integral part of technology in our daily lives, driving to office, searching for a restaurant, getting news updates, and recommendations on social media, we are all users of AI. AI and ML, both are used to make the computer intelligence machine which can perform any kind of task with human intelligence involved. These programs understand things and update the system by themselves.

CSE with AI and ML at MPGI

Analysis and Design of Algorithms is an important skill to make efficient algorithms in AI and ML. We have facilities available in our labs to ensure efficient understanding of algorithms. AI simply put, is finding mathematical relationships and equations (not always) for real-life problems and emulating them on a computer-based system.

Future Scope of CSE in AI and ML

On completion of the course, students can undertake industry careers involving innovation and problem solving using Artificial Intelligence (AI) and Machine Learning (ML) technologies and research careers in AI, ML, and, in area of General Computer Science. Courses which provide specialisation in AI, students will have the option to explore applied domains such as Computer Vision, Natural Language Processing, Robotics, and Software Analysis as well.

Career Opportunities:

- Machine Learning Engineer
- Research Scientist
- Software Analyst and Developer
- Data Engineer

Specialised Lab Facilities

- Application Based Programming in Python
- Multimedia and Animation Lab
- Soft Computing
- Pattern Recognition
- Artificial Intelligence
- Android Application Development
- Introduction to Cloud Computing
- Natural Language Processing
- Information Retrieval
- Neural Networks
- Digital Image Processing
- Introduction to Deep Learning
- Distributed System Concepts & Design
- Introduction to Internet of Things: Fuzzy Logic: Intelligent Agents
- Robotics and Intelligent Systems

CERTIFICATION FORMAT FROM IBM



CERTIFICATION FORMAT FROM IMARTICUS



Mechanical Engineering

B.Tech | M.Tech

Mechanical Engineering is the discipline that applies the principles of Engineering, Physics and Materials Science for the design, analysis, manufacturing, and maintenance of mechanical systems. It involves design, production, and operation of machinery and tools and requires an understanding of core concepts including Mechanics, Kinematics, Thermodynamics, Materials Science, Structural Analysis, and Electricity.



Future Scope of Mechanical Engineering

Mechanical Engineering combines Creativity, Knowledge and Analytical Tools to complete the difficult task of shaping an idea into reality.

Career Opportunities:

- Acoustics
- Aerospace
- Automation
- Automotive
- Autonomous Systems
- Biotechnology
- Composites
- Computer Aided Design (CAD)
- Control Systems
- Cyber Security
- Design
- Energy
- Ergonomics
- Human Health
- Manufacturing and Additive Manufacturing
- Mechanics
- Nanotechnology
- Production Planning
- Robotics
- Structural Analysis

Placement Partners



and many more

HIGHEST CTC: INR 10 LPA
AVG CTC: INR 3 LPA

Mechanical Engineering @ MPGI

The Department has been affiliated to A.K.T.U. for its adherence to high standards of academic quality and infrastructure ensuring outcome based education. The Department boasts of state of art Automobile Labs and Automation Labs in collaboration with industry.

SPECIALISATION PROGRAMS:

1. Mechanical Engineering with Specialisation in Automobile Engineering:

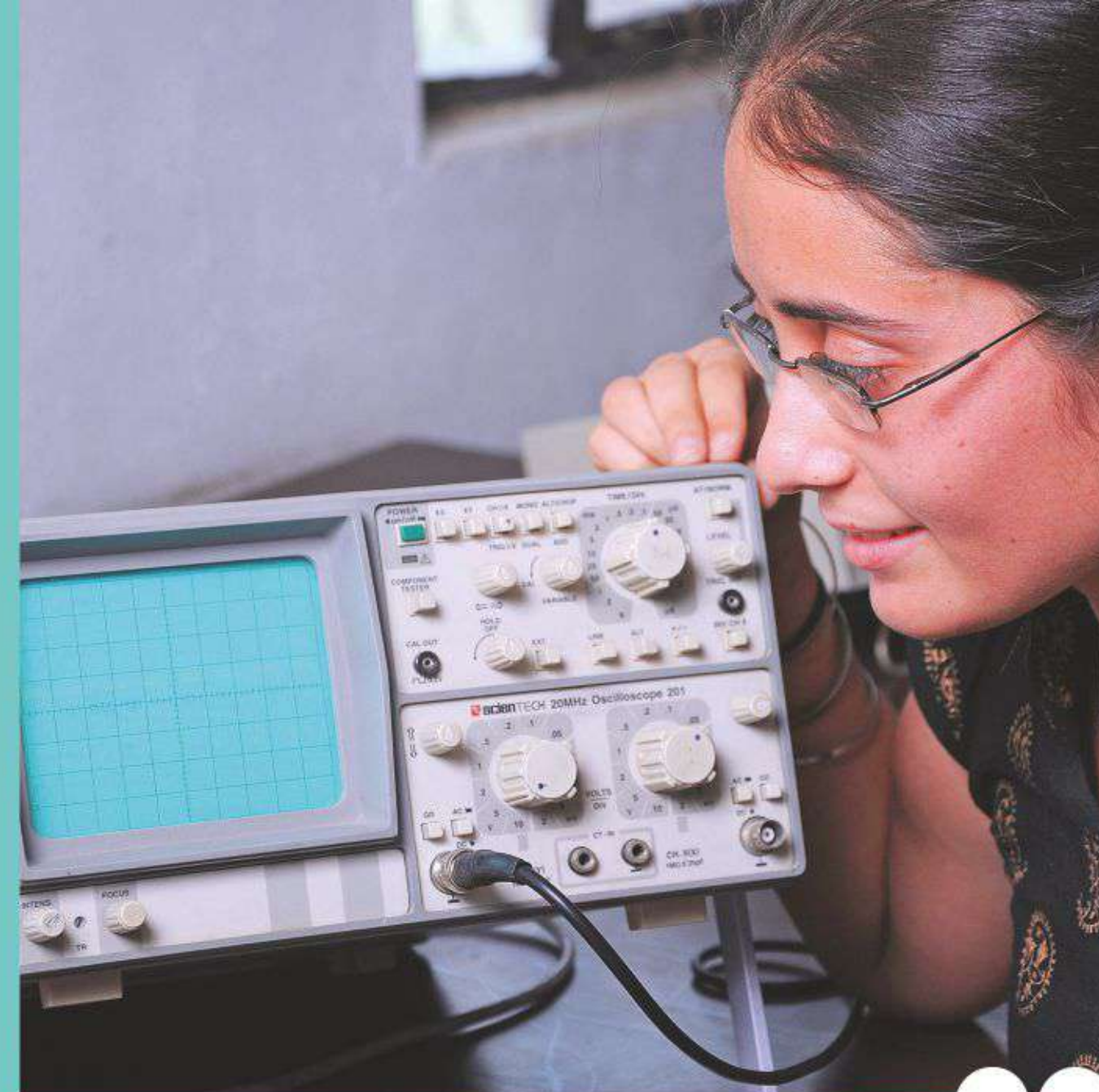
Automobile Engineering helps in training students and in making them industry ready, in areas of Automotive Design, Research and Development, Production and Manufacturing and Sales and Service.

2. Mechanical Engineering with Specialisation in Mechatronics:

Mechatronics is the synergic combination of Mechanical, Electrical, Electronics, Computer Science and Information Technology, which includes control systems used to design products with built-in intelligence.

Department Laboratories:

- Workshop
- Engineering Mechanics Lab
- Fluid Mechanics Lab
- Fluid Machinery Lab
- Material Science and Testing Lab
- Manufacturing Science Lab
- I.C. Engines and Automobile Lab
- Thermodynamics Lab
- Heat and Mass Transfer Lab
- Refrigeration and Air Conditioning Lab
- Theory of Machines Lab
- Machine Design Lab
- Measurement and Metrology Lab
- CAD/CAM Lab



Electronics and Communication Engineering

B.Tech | M.Tech

The prime focus of the department is to impart quality education with a strong emphasis on converting basic science into technology, through hands on training, workshops and research in the frontiers of 5G Technology, Microcontroller Systems, Digital Signal Processing and Data Communications. We enjoy a symbiotic relationship with many leading institutions and industries in India.

Future Scope of EC

1. Robotics and Intelligent Instrumentation
2. Artificial Intelligence and Machine Learning
3. IOT through 5G Technology
4. VLSI Design Technology
5. Multilayer PCB Design Technology

Electronics and Communication Engineering @MPGI

Specialisation Programs:

- Data Science – Artificial Intelligence & Machine Learning
- AI & IOT
- Big Data Analysis
- Cyber Security
- Robotics & Automation
- 5G Technologies

Corporate Tie-Ups



Placement Partners



and many more

HIGHEST CTC: INR 11 LPA
AVG CTC: INR 4 LPA

**Rise, fall,
make mistakes,
but never
give up!**

Lab Facilities

- Semiconductor Devices
- Analog Circuit Design
- Digital System Design
- Signal System Lab
- Digital Signal Processing
- Microprocessors and Microcontrollers
- Communication Engineering
- Wireless Technologies
- Microwave and Optical Communication
- Computer Networks and Advanced VLSI Design

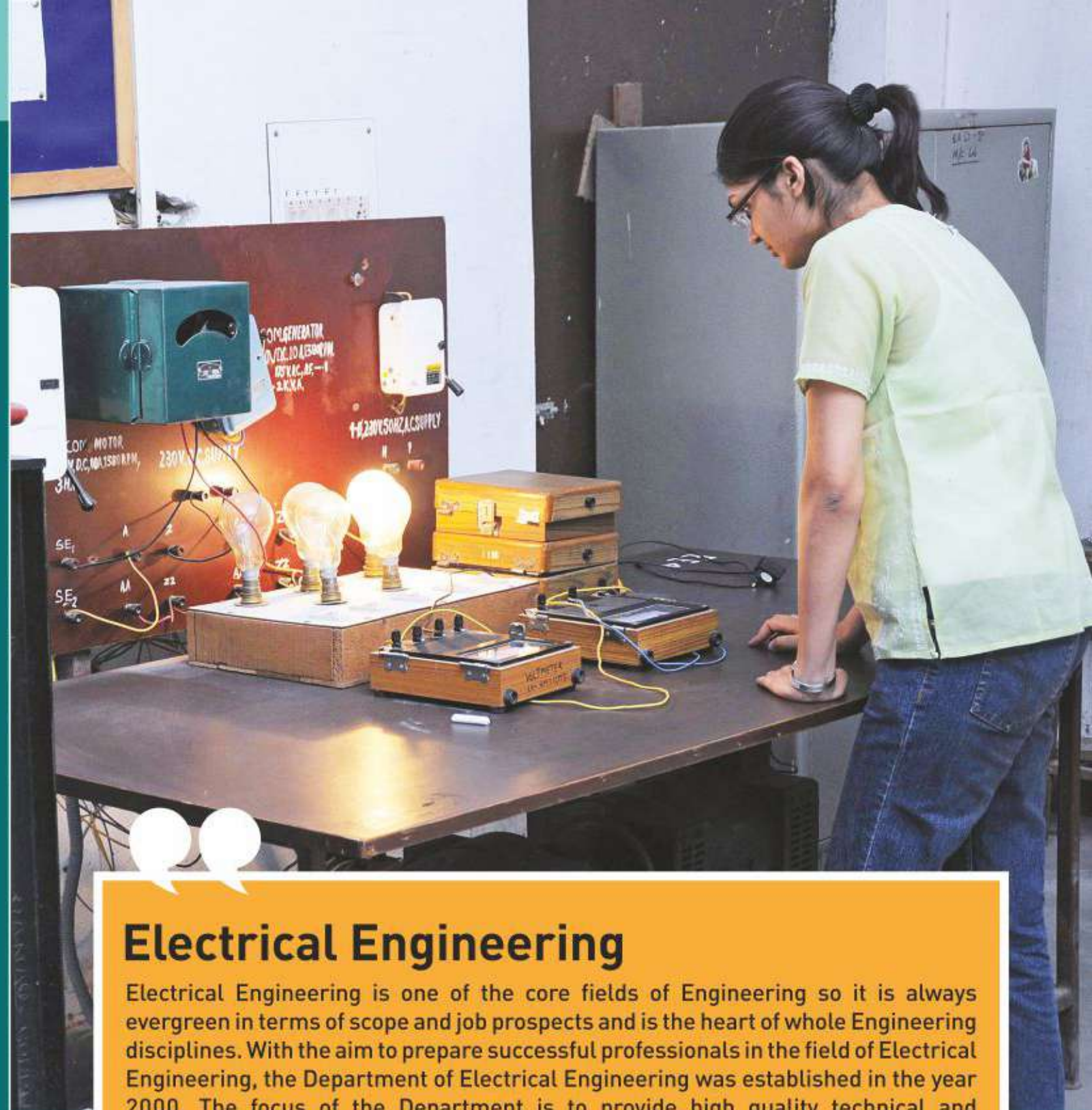
Electrical Engineering

Electrical Engineering is one of the core fields of Engineering so it is always evergreen in terms of scope and job prospects and is the heart of whole Engineering disciplines. With the aim to prepare successful professionals in the field of Electrical Engineering, the Department of Electrical Engineering was established in the year 2000. The focus of the Department is to provide high quality technical and professionally relevant education which is beyond the traditional teaching and learning methodologies so that students can inculcate the advanced knowledge according to the latest trends and requirements of industries.

B.Tech

Corporate Tie-Ups

To develop and ignite the innovative minds of students and to equip them with contemporary skills to meet the challenges ahead in the industries, the Department offers specialised certification courses in collaboration with



Future Scope with Electrical Engineering

- India is the world's third-largest electrical power producer. According to the latest data from India Brand Equity Foundation (IBEF), "India is the second largest consumer of electricity worldwide"
- India's domestic and industrial power requirement is expected to reach the mark of 1894.7 TWh by the end of this current financial year.
- The Government of India (GOI) has allowed 100% Foreign Direct Investment (FDI) in the Power Sector.
- Government of India has allocated Rs.19,500 crore which is approximately US \$2.57 billion, under the Production Linked Incentive (PLI) Scheme to boost the domestic manufacturing of solar cells and high-frequency solar modules.
- The latest data set for the National Infrastructure Pipeline (NIP) from 2019 to 2025, also indicates that the Indian Power Sector Projects alone consume the largest volume of share (24%) in the overall expected capital expenditure of Rs.111 lakh crore.
- Immense growth in this sector translates to immense growth opportunities and career options.

Career Scope of Electrical Engineering

- All Manufacturing Industries
- Operational and Maintenance Departments of all Industries
- Central Government Sector (Major Recruiters: BHEL, Indian Railways, Indian Army, ONGC)
- Thermal Power Plants and State-Wise Electricity Boards
- Teaching
- Research

Placement Partners



and many more

HIGHEST CTC: INR 3.5 LPA
AVG CTC: INR 2.8 LPA

Electrical Engineering @MPGI

- Faculty from IIT and NIT
- Industrial Tie-ups for increased employability.
- Collaboration in progression with L&T Automation Academy at Lucknow and Mumbai.
- Faculty has participated in over 25 workshops at various institutes as IIT Kanpur, NITRR Chandigarh, AICTE New Delhi, UIT Allahabad and many more to stay connected to the technological advancements in the industry.
- Industrial visits to Thermal power plants, PGCIL, HAL, BHEL, Schneider electric, Lohia corps and many more.
- Faculty who are continuously committed to knowledge advancement through numerous publications of papers in reputed journals, conferences workshops, faculty development programs, courses in NPTEL etc.
- Invited guest faculty from IITs, NITs to discuss and share insights about all recent development in the industry.
- Alumni have distinguished themselves in Academics, research, industries and government organisations.

SPECIALISATION PROGRAMS:

- Switchgears
- Automation
- Drives
- PLC
- SCADA
- Artificial Intelligence & Machine Learning
- AI & IoT
- Cyber Security
- Robotics

Lab Facilities

- Basic Electrical Lab
- Electrical Machine Lab
- Electrical Measurements and Measuring Instruments Lab
- Control System Lab
- Power Electronics Lab
- Electrical Network Lab
- Electrical Drive Lab
- IPC Lab
- Microprocessor Lab
- Simulation Lab
- Power System Lab



Civil Engineering

B.Tech

The Civil Engineering Department caters to the ever increasing demand of Civil Engineers in Industry & Academia. The students are groomed to be thorough professionals with blend of up-to-date technical knowledge and field experience gained during internship. Various courses like Structural Analysis, Advanced foundation Engineering, GIS & Remote Sensing, Earthquake Resistant Design, to name a few, have been included as a part of curriculum to keep pace with the emerging fields. It has a great opportunity in the Government Sectors like IES, PWD, Irrigation Department, CWC, and large number of Government projects of N H A I and Infrastructure etc.

Civil Engineering is the discipline that traditionally covers streams such as Earthquake Engineering, Architectural Engineering, Environmental Engineering, Geotechnical Engineering, Geophysics, Control Engineering, Structural Engineering, Transportation Engineering, Municipal or Urban Engineering, Water Resources Engineering, Materials Engineering, Offshore Engineering, Coastal Engineering, Quantity Surveying, Geodesy, Surveying and Construction Engineering etc.

Future Career Scope:

- Graduates can choose from industries like Government and Non-Government Sectors, PSU's, Construction and Management, Software, Consulting, Aerospace, Research, etc.
- Graduates may pursue their Masters' in varied fields such as Structural Engineering, Construction and Management, Environmental Engineering, Water Resource Engineering, Transportation Engineering, Geotechnical Engineering, GIS, Non-Destructive Testing, etc.
- Graduates are placed in core industries such as L&T, Ambuja Cement, Supertech Infra etc.

Civil Engineering @ MPGI

It is a four-year course which is spread over eight semesters. The program consists of a set of core and elective subjects, Lab Works, Survey Camps, Industrial Training, Seminars and Project Work aimed at in-depth studies on specific topics. The field/industrial visits are organized for students to expose them to the issues and challenges associated with real life problems.

Growth of Civil Engineering:

According to a report by Global Market Insights Inc. on Globe News wire, the Civil Engineering industry is expected to reach a size of USD 11.72 trillion by 2025.

As a country, we are developing faster than ever especially when it comes to infrastructure. Forty years ago nobody would have thought that the commute between Bandra and Worli could have been completed in lesser than 40-50 minutes. Today, we can cover this distance in just eight minutes. This is only possible due to the Bandra-Worli Sea Link (BWSL) constructed in the Arabian sea; built by our civil engineers.

The BSWL is just one of the many examples that show how we are coming up with innovative solutions to meet the changing requirements. The requirement for such modern developments is bound to grow. If students are willing to work on groundbreaking developments, Civil Engineering provides them with a room to grow and a chance to hone their skills.



Our Industry Alliances



HIGHEST CTC: INR 3.6 LPA • AVG CTC: INR 2.6 LPA

ENGINEERING



Dance performance by Pratapians at NOVOAK, Freshers Event



If looks could kill! A Pratapian at Novak - the freshers event



A fun event by Basic Science "Sneak Peak"



Performance with swag at NOVOAK freshers



A confident walk at NOVOAK freshers



Students displaying their project at "Srajana Exhibition"



Republic Day celebrations at Mandhana Campus



Freshers day celebrations at MPGI Mandhana



A dance performance by a Pratapian at Novak - Freshers Party

ENGINEERING SNAP SHOTS



Workshop for Mechanical Engineering students by National Skill Training Institute, conducted by Mr. Ashish Kesarwani



Small science experiments, big learning by Dr. Amit Bajpai, Coordinator, Prof. H. C. Verma's Lab



Mr. Akshay Amitanshu, Alumni Talk



Mr. Abhinav Sharma, Alumni Talk 2012 Batch Doctoral fellow at IIT, Kanpur



World Aids Day awareness campaign 1st December, by TnP department

ENGINEERING SNAP SHOTS



Felicitation ceremony



Mr. Gantantra Agrawal, Alumni Talk Software Engineer in Infoedge @ 11 LPA CTC



Mr. Dharendra Maurya, Awakening Series



B.Tech students visit to H.C. Verma Lab at IIT, Kanpur



Tablet distribution ceremony



Industrial visit of civil engineering students at Lucknow Metro Rail Corporation Ltd.

ENGINEERING SNAP SHOTS



Students describing their projects at HACKS 2023



Felicitation Ceremony



Mr. Himalaya Saxena, Guest Talk, Amazon



UltraTech Cement - Industrial visit



Front View academic block

MANAGEMENT AND COMPUTER APPLICATIONS

MBA

2 YEARS

Passed Bachelor's Degree of minimum 3 years duration.

BBA

3 YEARS

Passed 10+2/equivalent examination in Science /Arts/ Commerce with minimum 45% marks (40% for reserved class)

MCA

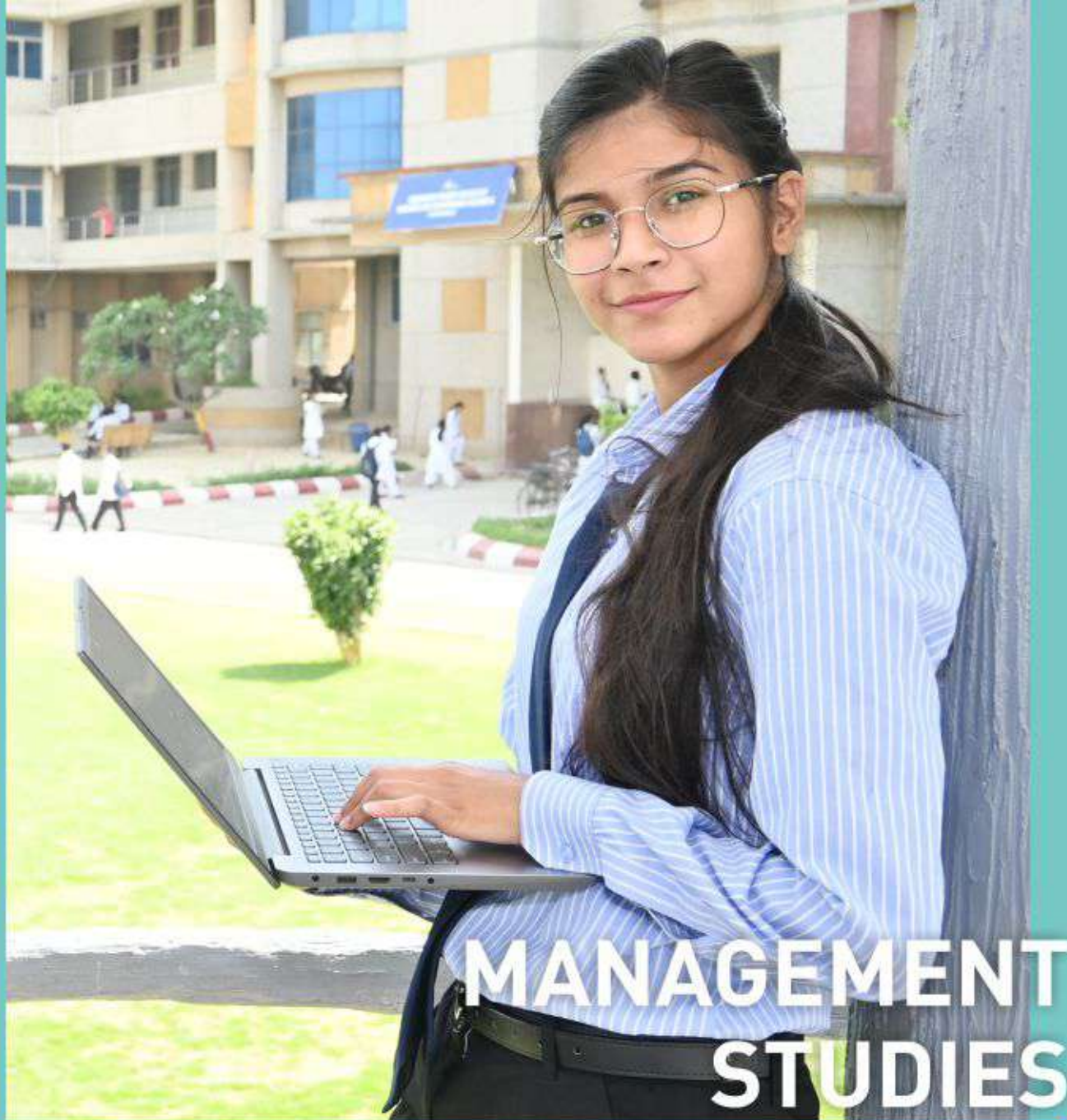
2 YEARS

Passed BCA/Bachelor Degree in Computer Science Engineering OR
Passed B.Sc./B.Com./B.A. with Mathematics at 10+2 Level or at Graduation Level (with additional bridge Courses as per the norms of the concerned University). Obtained at least 50% marks (45% marks in case of candidate belonging to reserved category) in the qualifying examination.

BCA

3 YEARS

Passed 10+2/Equivalent examination with minimum 45% marks and Mathematics subject. (40% for reserved candidates)



BBA/MBA – “SHAPING LEADERS THROUGH INNOVATION, EXECUTION AND SOCIAL RESPONSIBILITY FOR A BETTER TOMORROW”

BBA | MBA

Master of Business Administration [MBA] is a professional postgraduate degree in business administration-management. The MBA course duration for full-time is 2 years, which is divided into 4 semesters. Accreditation bodies, specifically for MBA programs, ensure consistency and quality of education. The course helps build a strong theoretical foundation in business concepts. It also builds hard-skills in the areas of management and leadership and polishes a range of soft-skills like communication, motivation, and negotiation.

Why Choose BBA?

- A BBA Degree is the first stepping stone you will need to obtain in order to set your career in Business Administration in motion.
- BBA is a comprehensive three year degree course for somebody seeking to learn about all the essential details that go into running a Business of any kind.
- This Degree is a first step you need to take if you want to learn fundamental education in Business Management principles & prepares students for a variety of different management & administrative roles within a organisation.
- BBA program can offer practical management training that can prepare students to successfully work within a large or small organisation.
- BBA program gives the simulation to use your creativity to think strategically and develop ideas that you can implement into propagating a real business scenario.

Placement Partners



HCLTech

Coforge



jaro education



and many more

HIGHEST CTC: INR 7.2LPA

AVG CTC: INR 3LPA

Growth Opportunities after BBA

- This program typically allow students to specialize in one of multiple areas including Business, Finance, Marketing, Real Estate, Banking, Accounting, Insurance, E-Commerce etc. to climb the corporate ladder.
- Opportunities for Graduates of BBA program cover a broad range of professions. They can seek jobs both in public & private sectors & can pursue career in both National & Multi-National Corporations.
- Having a BBA Degree in your pocket will make you eligible to obtain several well playing jobs, that have a prospect of growth and improvement in future.
- Students interested in higher studies can seek enrolment in MBA & doctorate there after for carrier in education & research field however still there are plenty of job opportunities for students who want to jump straight into corporate world.

Management @ MPGI

- Concentration on overall development through E-Teaching, Webinars.
- Real-Time situation training provided to students.
- Teaching adherent to present Business environment which helps to build confidence.
- Specialising students in field of Digital Marketing, Retailing and other various sectors.
- Club activities based on specialisations like Marketing, Finance, HR, IT.
- Extracurricular activities in Sanskriti Club, Innovation Club.
- Physical activities are performed under Sports Club.

Placement Partners



HIGHEST CTC: INR 12LPA
AVG CTC: INR 3.5LPA

Insights

- Technical and Management skill development event known as "Prabandhanotsav The M Fest".
- Regular MTP Sessions for students up Graduation.
- Model & Poster making exhibition "Kalakriti" based on management topics.
- Industry experience and exposure provided to students through industrial tour which covered vardhaman Baddi Himachal Pradesh, Amaron battery, Parle G and many more.
- Time to time conduction of workshops and seminars, in collaboration with Directorate General Foreign Trade (DGFT), HVPE (HUMAN VALUES), IIT Kanpur and many more.
- Guest talk by eminent personalities and Professors like Prof. Prakash Singh (IIM Lucknow) and many more.
- Social events like college Tashanbaz hosted by Red FM, Management Fest etc.
- Social message design by students regarding awareness of pandemic.
- Time to time conduction of webinar on current topics like Covid 19.

Growth Opportunities after MBA

- The Degree improves your theoretical and practical knowledge to operate Business which is a key component of success by nurturing one's various soft skills which eventually develops the personality.
- It removes growth barrier and widens the range of career opportunities in various fields i.e- HR, Finance, Marketing, IT, Operations etc.
- It imparts guidance on the right methodology and approach in handling various corporate situations.
- With an MBA Degree, one can explore the latest international business trends, apply the newest management tools and techniques to adopt the unavoidable change in market place.

SPECIALISATIONS OFFERED

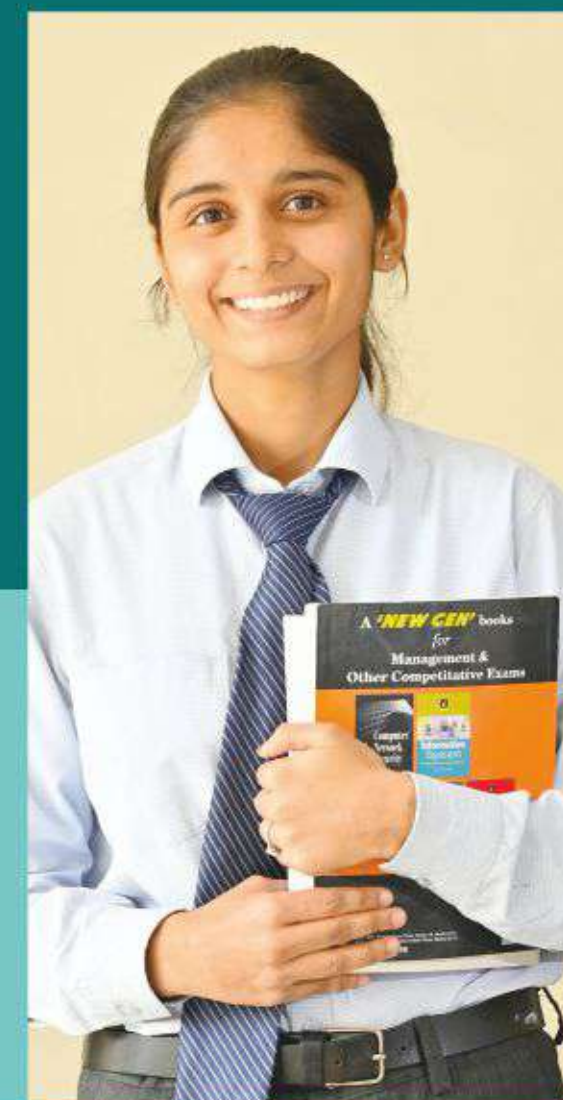
MBA in Marketing

A marketing specialisation inculcates skills that are useful in a number of business positions across corporate. Students who hope to join this program must have strong communication and interpersonal skills, convincing style, leadership, analytical ability, creative thinking and a taste for teamwork.

The MBA marketing specialisation explores a number of subjects like Marketing Management, Marketing Channels Strategies, Operations Management, Consumer and Brand Insight Strategy, Forecasting, Modelling, Marketing Strategy, Forecasting, Modelling, Branding, Sales Force Management and International Marketing.

Career Opportunities

- The entry level jobs include Market Research Analyst, Business Marketing Representative, Development Officer and Sales Executive.
- With a relevant experience the professionals can graduate to the profiles of Marketing Manager, Brand Manager, Sales Manager, Product Manager, Corporate Sales Manager and Digital Marketing Manager



MBA in Human Resources

This specialisation trains future managers in hiring employees and then helping them develop their skills to the maximum benefit for self as well as for the organisation. The HR management also teaches workforce regulation, performance assessment, compensation strategy, motivational tasks, safety and health and welfare assessment. Course work involves typical business concepts and the rigours of Business Strategy, Benefits Analysis, Business Coaching, Compensation Management and Corporate Head hunting.

Career Opportunities

- HRM graduates can work in industries, educational institutes, corporate and MNC's, executing a number of tasks which range from hiring to motivational policy.
- This specialization enables a Graduate to work in a number of job profiles such as HR Generalist, Technical Recruiter, Employee Relations Manager, Employment Manager, Compensation Manager and Staffing Director.

MBA in Finance

The course lays a focus on communications, organisational behaviour and business leadership and provides a balance between mathematics and management practice. Students planning to pick up this course are expected to display skills in Economics, Mathematics and Financial Theory. Subjects such as Corporate Investment Management, Portfolio Management, Hedge Fund Management and Business and Corporate Finance typically constitute the course.

Career Opportunities

- The core Financial Management tasks concern Corporate Finance, Investment Banking and Asset Management, Personal Finance, Sales and Trading and Insurance.
- Profiles that suit this specialization are Financial Advisor, Financial Analyst, Financial Planners, Finance Officers and Investment Bankers.

MBA in Information Technology

Information Technology Postgraduates play essential roles on the business team, typically designing and implementing hardware and software solutions to business problems. They are trained to effectively manage the planning, design, selection, implementation, usage and administration of emerging and converging information and communications technologies.

Career Opportunities

- They hold professional positions in areas such as client/server or web applications development, systems analysis and network administration.

INDUSTRIAL VISIT



GYAN MILKS & FOOD PRODUCTS LTD. LUCKNOW



KANPUR LOGISTICS PARK



VISIT TO PARLE G



LOHIA CORP LTD., KANPUR



VISIT TO AIRPORT AUTHORITY OF INDIA KANPUR



INDIAN EXPRESS, LUCKNOW



VISIT TO DECATHLON



LOCAL OLD AGE HOME

TALKS / SEMINAR



HR CONCLAVE

HR Conclave at MPGI Mandhana where the panelist from different domains discussed the "GAP between Industries' expectations and Freshers' reality".

Our esteemed panelists were : • Mr. Rahul Dixit, senior recruitment incharge kotak Mahindra Bank • Mr. Ashok Gupta General Manager Hotel Vijay Intercontinental • Mr. Shivam Shukla HR manager • Ms. Sakshi Mishra Marketing incharge from Vijay Intercontinental • Mr. Manish Bhatia Cluster Head • Mr. Anurag Awasthi Regional Current Account Manager UP from Yes Bank • Ms. Shail Chandel Human Resource Manager Aarav Tech Services • Mr. Saurabh Kumar HR manager, NIF Pvt.Ltd. • Mr. Ashwin officer , (Banar Dairy)



COMPUTER APPLICATION

MPGI offers Undergraduate and Postgraduate programs in Computer Applications having guidelines and eligibility set by the All India Council of Technical Education (AICTE). The Postgraduate program aims to figure out computer professionals with moral and ethical values to face real world challenges and opportunities in industry by catering strong foundations. The Undergraduate program is more than introduction to the field of Computer Applications. It helps in enhancing the conceptual base for further exploration in the field of IT industry.

HIGHEST CTC: INR 5LPA
AVG CTC: INR 2.5LPA

Future Scope of BCA

Bachelor of Computer Applications is a course that is customized for students wishing to shine in the field of technical education. Students can opt for Masters in the computers field or they can also conquer secure job opportunities in the field of Computer Applications.

Career Opportunities:

- Application Programmer
- Computer Information Specialist
- Computer Support Specialist
- Database Administrator
- Enterprise Information Officer
- Information Systems Manager
- Maintenance Engineer
- System Administrator
- System Analyst
- Hardware and Network Expert
- Graphic Designer
- System Designer
- Web Designer
- Senior Technical Consultant

What after BCA?

- Prepare for CAT and go for MBA in IT Management
- Complete your Master's degree - MCA
- Go for a networking diploma and prepare for CCNP or CCNA certification
- Prepare for Microsoft Certified Solutions Associate (MCSA) Certification or Redhat certifications and work as a System Administrator or Desktop Technician or Help desk Assistant.
- You could also improve your teaching skills and work as a computer teacher/instructor in school, universities and colleges
- If you are good in web programming then improve your coding skills and make your career in Web Development. You can also work as an independent web designer.
- A lot of BCA graduates also go for government jobs. You could consider one too.

Lab Facilities

- C/C++ Programming
- Web Programming
- UNIX/LINUX Programming
- Java Programming
- Graphics Programming
- Database Laboratory
- Computer Networks Simulation
- Software Design Laboratory
- Project Lab

Placement Partners

tcs TATA CONSULTANCY SERVICES

wipro

Infosys

Capgemini

HCLTech

Coforge

adani Airports

daffodil

and many more

Future Scope of MCA

With the advancement of IT & Communication Systems, people with good Computer Application skills are in high demand. MCA and BCA qualified students can find jobs in Private and Government sectors easily. MCA students do have a better edge due to enhanced specialisation. Candidates can get profiles as per their skills and caliber.

Career Opportunities:

- Software Developer
- Software Engineer (or Programmer)
- Software Publisher
- Software Consultant
- Web Designer/Web Developer
- Project Manager
- Computer System Analyst
- Database Administrator
- Hardware Engineer
- Senior Technical Consultant
- Graphics Designer
- Maintenance Engineer
- Animator
- Banking
- IT Manager
- Railways
- National Informatics Centre (NIC)
- IT Cell in Police Department

HIGHEST CTC: INR 8.4LPA
AVG CTC: INR 2.6LPA

Lab Facilities

- Programming in C/C++
- Data Structures using C/ C++
- Programming in Python
- Web Technology
- ORACLE
- Programming in Java
- C# with Dot Net Framework
- Computer Graphics and Multimedia
- Project Lab

MCA @ MPGI

- Highly qualified and experienced faculty with Ph.D and NET.
- Numerous publications and books are written by the faculty.
- Industry aligned Training Programs for reasoning and presentation with technical discussions for hands-on latest technologies and tools.
- Kalam Centre for innovation and incubation of start-ups. The labs installed with MATLAB software provides solution to data scientists and numerical computing.
- Various servers like Squid Server, Database Server, Mail Server, File Server and Net Server are available to facilitate student learning.
- Summer Training Programs for helping students to update and develop themselves in emerging fields of IT industry.
- Many well-known academicians from IIT, IIIT, NIT and Technocrats from industries have shared their experiences and knowledge.

Placement Partners

TCS
TATA
CONSULTANCY
SERVICES

nagarro

GlobalLogic

HCLTech

Tech Mahindra

Mphasis
The Next Applied

Infosys

and many more



MBA / MCA SNAPSHOTS



Farewell Adios Fiesta



Smart Phone Distribution



Media Conclave



Women's Day Celebration



Guest Talk by Mr.Mohit Shukla on Crypto Program



Guest Talk by Mr.Y S Garg Advisor
Directorate General Foreign Trade

MBA / MCA SNAPSHOTS



Guest Talk by Mr. Rahul Bajpai Kotak Bank



Yoga Session for students of Computer Applications



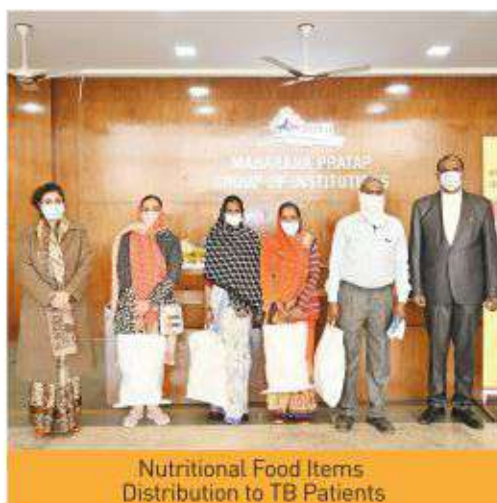
Interview Process



'Prabandhanotsav' - the Management Festival, known fondly as the M-Fest!



Sports Club Activity



Nutritional Food Items Distribution to TB Patients

FRESHERS EVENT "AARAMBH"



Singing Competition- Duet



Ramp Walk -Boys



Singing Competition Solo



Ramp Walk Girls



Group Dance



Mr. and Ms. Freshers

FELICITATION CEREMONIES FOR APPRECIATING MERITORIOUS STUDENTS!



PHARMACY

M. Pharm

2 YEARS

B.Pharm from a recognised University and a minimum of 55% (50% in case of SC/ST/Reserved Category).

B. Pharm

4 YEARS

Passed 10+2 with compulsory Physics and Chemistry with Mathematics / Biology

B. Pharm (Lateral Entry)

3 YEARS

Passed Diploma examination in a Programme with at least 45% marks (40% marks in case of candidates belonging to reserved category) in appropriate Programme.

D. Pharm

2 YEARS

Passed 10+2 with Physics and Chemistry as compulsory subjects along with Mathematics/ Biology.





Maharana Pratap College of Pharmacy,
Academic Block



Maharana Pratap College of Pharmaceutical Sciences and
Maharana Pratap College of Pharmacy and Paramedical Sciences.

Maharana Pratap Pharmacy Wing – The Journey

Maharana Pratap College of Pharmacy is the integral part of MPGI and was established in 2005. It has been successfully approved by PCI, BTE and AICTE. After our foray in the Pharmacy sector, we established two more colleges in Pharmacy.

We are bound on the path of development in providing quality education as well as in Academia – Industrial collaborations emphasizing the importance of practical learning to meet current industrial requirements. With time and consistent determination, we have achieved success in terms of tying up with national and international leaders in the area of pharmacy and also to provide to the students unprecedented exposure with our academic partners in India and abroad.

The Pharmacy wing of MPGI comprises of:

Maharana Pratap College of Pharmacy

M. Pharm | B. Pharm | D. Pharm

Maharana Pratap College of Pharmaceutical Science

B. Pharm | D. Pharm

Maharana Pratap College of
Pharmacy and Paramedical Science

D. Pharm

Approving Authorities



All India Council for
Technical Education



Pharmacy Council
of India



Abdul Kalam
Technical University



Board of
Technical Education



PHARMACY

Pharmacy is the Science and technique of preparing, dispensing, and review of drugs and providing additional clinical services. It is a health profession that links Health Sciences with Pharmaceutical Sciences and aims to ensure the safe, effective, and affordable use of drugs.

Our Industrial Collaborations

MEDICEF
the claw people..

Medicef Pharma Ltd.,
Baddi, HP

GL

Galpha Laboratories Limited

Galpha Laboratories Ltd.,
Baddi, HP

SENTISS

Sentiss Pharma

glenmark
A new way for a new world

Glenmark

**FRESENIUS
KABI**
caring for life

Fresenius Kabi

ALKEM

Alkem Laboratories

WOCKHARDT

Wockhardt Ltd.

INVENT LAND
Innovation Beyond Vision

Our International Collaborations

**MAHSA
UNIVERSITY**

MAHSA University,
Kuala Lumpur

USM
UNIVERSITI SAINS MALAYSIA

University Sains Malaysia,
Malaysia

UNAIR

Faculty of Pharmacy,
Universitas Airlangga (UNAIR),
Surabaya Indonesia

**MMS
ACADEMY**

MMS Academy
chigan, USA

**HOWARD
UNIVERSITY**

Howard University
Washington

PŁ

Lodz University
of Technology

Lodz University of
Technology, Poland

Centria
UNIVERSITY OF APPLIED SCIENCES

Centria University of
Applied Sciences, Finland

**HELSINKI
UNIVERSITY OF TECHNOLOGY**

HELSINKI YLIOPISTO
HELSINKI UNIVERSITY OF TECHNOLOGY

University of Helsinki,
Faculty of Pharmacy, Helsinki

Our Academic Collaborations

ICRI

Institute of Clinical Research
India (ICRI), New Delhi

BII

Bioinformatics Institute of
India (BII), Noida

**AMITY
UNIVERSITY**

Amity University
Noida

LSSSDC

Life Sciences Sector
Skill Development Council

**IIT
KANPUR**

IIT
Kanpur

Pharmacy @ MPGI

- We have a staggering amount of 75+ publications amongst our faculty members.
- Frequent one month on-field training of students at the manufacturing plants of Alkem Laboratories, Fresenius Kabi and Wockhardt Pvt. Ltd.
- We send our students for summer training at Wockhardt Pvt. Ltd., Sentiss Pharma, Panacea Biotech, Dr. Morepen, Dr. Reddy, Galpha Laboratories etc.
- Consistent interaction with people in the industry through invited talks and industrial visits.
- Ability to apply principles and knowledge of Anatomy, Physiology, Pathophysiology, Microbiology, Pharmacology, Food and Nutraceuticals and Cosmetics for good health of the society.
- Ability to apply the knowledge of Inorganic Chemistry, Biochemistry, Medicinal Chemistry, natural and herbal products and Pharmacognostical principles for discovery and development of new drugs.
- Understand the principles of Biotechnology, Biopharmaceutics, Pharmaceutical Engineering, and develop methodology for research work.
- Ocular Drug Delivery Systems
- Transdermal Drug Delivery Systems (including iontophoresis and sonophoresis)
- Implants

OUR FACULTY

- Our faculty is from prestigious institutions as Banaras Hindu University (BHU), Council of Scientific and Industrial Research (CSIR) and Birla Institute of Technology (BIT), Ranchi.
- Ours is the first institute in the entire region who has academic tie-ups with Indian and foreign institutions as we aspire to have students who have various perspectives.
- Our faculty is the first in the region to have a one month international joint research with University of Airlangga, Indonesia.

CAREER OPPORTUNITIES :

- | | |
|--------------------------------|---------------------------------|
| • Research and Development | • Business & Scientific Affairs |
| • Pharma Manufacturing | • Pharmaceutical Engineering |
| • Quality Assurance | • Quality Control |
| • Intellectual Property Rights | • Clinical Development |
| • Drug Regulatory Affairs | • Sales and Marketing |
| • Medical & Scientific Affairs | • Pharmacovigilance |
| • Drug Inspector | • Academics |

B.PHARMA

HIGHEST CTC: INR 3.8LPA
AVG CTC: INR 3LPA

D.PHARMA

HIGHEST CTC: INR 2.5LPA
AVG CTC: INR 1.8LPA

PHARMACY Industry Tie-ups

We have Tie-ups with 4 major production leaders in the pharmaceutical sector.



Alkem Pvt Ltd.

Established in 1973, with a comprehensive portfolio of over 750 brands, Alkem produces high-quality branded generic, generic drugs, active pharmaceutical ingredients and nutraceuticals, which they market in India and over 50 countries internationally.

- Ranked 6th largest pharmaceutical company in India in terms of domestic sales for the fiscal year 2018.
- Ranked amongst the top 10 pharmaceutical companies in India in terms of domestic sales for the past 15 years.
- Ranked No.1 Anti-infective company in India for more than 10 years.
- Presence in 50+ international markets, with the United States being the key focus International market.
- Initial Public Offering (IPO) with their equity shares being listed on the Bombay Stock Exchange Limited and the National Stock Exchange of India Limited.



Galpha Laboratories

Galpha Laboratories is engaged in the manufacturing and marketing of Formulation (Finished Dosage Forms) in India. It has a strong international presence in the Regulated and Emerging markets.

- Aspires to be amongst the top 20 pharma companies in India by the year 2020.
- Galpha product, B-Colen NS Range has also been awarded as the "Emerging Brand of the Year" recently and has moved up to position number 4 in the multi-vitamin/multi mineral market.
- The exports include 8 countries from Europe, 4 from Latin America, 6 from Russia, 23 countries from Africa and 7 from Asia.



Fresenius Kabi

Fresenius Kabi is a global health care company that specialises in lifesaving medicines and technologies for infusion, transfusion and clinical nutrition. The company's products and services are used to help care for critically and chronically ill patients.

- Employs over 36,000 people worldwide.
- In 2018, the company reported sales of more than €6 billion.

We are looking for prospective tie-ups with many organisations and the talks are on with most of them like Wockhardt Pvt. Ltd., Sentiss Pharma, Panacea Biotech, Dr. Morepen and Dr. Reddy.



Inventland Research Laboratories

Inventland Research Laboratories Private Limited is Asia's fastest growing pharmaceutical hub. Inventland deals with Pharmaceutical Research and Development founded by a professional team having cumulative experience more than 30 years in the field of Drug Product Development Services.

Inventland team have scientific expertise to design and optimize following formulations that includes Tablet, Capsule, Dry Syrup, Liquid and Semi solid (Cream, Gel, Ointment Lotion)

INTERNATIONAL WEBINAR SERIES



Prof. Dewi Melani Hariyadi

PhD, Apt. Professor in Pharmaceutics Faculty of Pharmacy
Universitas Airlangga, Indonesia

**Topic : Pharmaceutical Application of
Microspheres For Pulmonary Delivery**



Prof. Dr. Retna Apsari

M. Si, IPM Professor in Biooptics and Laser Application, Faculty of
Science and Technology, Universitas Airlangga, Indonesia

**Topic : Photonics and Laser Application
for Medical Therapy : Recent Development,
Advancement and Opportunity**



Dr. Leo Anthony Celi.

MD, MPH (Clinical Effectiveness, Harvard University)
Clinical Research Director
Massachusetts Institute Of Technology, Cambridge U.S.A

**Topic : Role of Artificial Intelligence
in Health Sector**



Dr. Shrey Lakhotia

Clinical informatics.
Massachusetts Institute of Technology, Cambridge, U.S.A.

**Topic : Role of Artificial Intelligence
in Health Sector**

INTERNATIONAL WEBINAR SERIES



Mr. Mayowa Oyeyipo

Marketing Chapter Lead, Roche, Nigeria

**Topic : How to successful
Brand Manager**



Dr. Diane Ashiru - Oredope

Mpharm DipClinPharm MPH PhD FRPharmS FFRPS
Lead Pharmacist, HCAI & Global AMR Lead,
Commonwealth Pharmacists Association,
Antimicrobial Resistance Programme, Public Health England, UK

**Topic : Role of Pharmacy in
Tackling Antimicrobial Resistance**



Ms. Kaishika Rodrigo

Public Speaker, Standup Comedian, Motivational Speaker and
Progressing Performance Coach, Sri Lanka

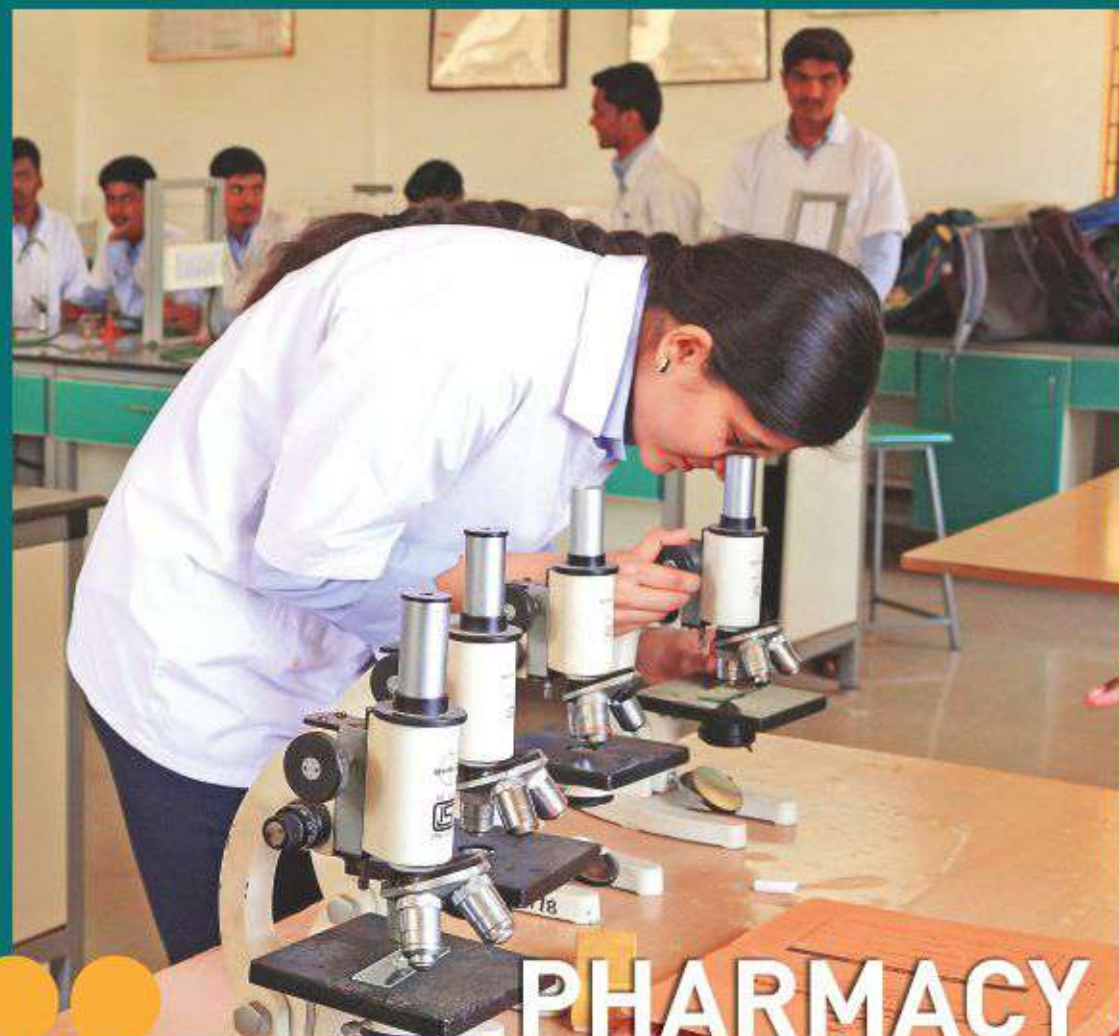
Topic : Surviving New Normal



Dr. Visvaldas Kairys

Department of Bioinformatics, Institute of Biotechnology
Life Sciences Center, Vilnius University, Lithuania

**Topic : Exploring properties of Biomolecules
using computational tools**



Department of Pharmacology

The Pharmacology Department lays strong emphasis on research while imparting education in Human Anatomy, Physiology, Pathophysiology, Pharmacology, Toxicology & other related subjects. The primary objective of Pharmacology is to investigate the fundamental aspects of Molecular Bio-regulatory mechanism of the cell and understand how drugs act in order to develop new drugs for treatment of diseases. Toxicology examines toxicity and adverse of developed drugs, mechanisms of chemicals agents and how they produce Mutagenicity, Carcinogenicity, Teratogenicity and neurological Disorders.

Studies may involve gaining knowledge of the mechanism of drug action, drug toxicity, drug safety and the use of drugs as tools to delineate biological process during health and disease, identification and validation of new cellular targets for drug action, and the design and development of new drugs.

Because of its scope, Pharmacology is an inter-disciplinary Science employing experimental approaches from many other scientific disciplines.

Lab Facilities:

- **Anatomy & Physiology Lab I:** It is established to understand the Human Anatomy, Physiology and Pathology of diseased state with the help of charts and models including human skeleton and other types of apparatus.
- **Pharmacology Lab II:** It consists of equipment to investigate the activity of various drug samples, such as Digital Balance, Rota Rod, Electro Convulsimeter, Histamine Chamber and Actophotometer.

Lab Practices:

Labs provide analytical support and intellectual input to both in-house and external projects of the Institute. As a result of excellent lab facilities and their proper utilisation under the supervision of faculty members, the Graduates will have an edge for immediate employment.

Training in Pharmacology

- Dynamics of drugs affecting major organ systems
- Advances in Molecular Pharmacology and Chemotherapy
- Applied and Clinical Pharmacology
- Pre-clinical Drug Discovery and Analytical Techniques
- Clinical Drug Development
- Pharmacokinetics and Toxicity studies
- In-vitro and in-vivo Experiments
- Study of Drug Interactions
- New drug discovery process- Process of drug development, preclinical studies, types of clinical trials, choice of patients, exclusion criteria of patients.
- Adverse drug reaction (ADR): -Type of reaction (Type A&B), Yellow card system, anaphylactic reaction management and monitoring.
- Therapeutic Drug Monitoring (TDM): -Clinical significance and its need on patients associated with narrow therapeutic range of drugs E.g. digoxin, amino glycosides, Phenytoin.

M. Pharm Pharmacology

This is a two-year program comprising four semesters designed to provide advanced training in various aspects of Pharmacology, Molecular Biology, Pre-clinical & Clinical Drug Development, and Pharmacotherapeutics. There are excellent experiments to be carried out in each of these areas, which equip the student with skills for Research. The program has tremendous scope and students who emerge successfully have various career options.

Pharmacology is a subject, which connects the other disciplines of Pharmaceutical Sciences with medicine. This branch of Science equips a student with the ability to appreciate the establishment of dose, dosage, efficacy, and safety of medicines, their mechanisms, and disposition. Pharmacology gives immense scope for exploration into diversified subdomains such as Signaling and Molecular Mechanisms of Medicines, Clinical Pharmacology and Biopharmaceutics, Non-clinical and Clinical Trials. This opens up opportunities for further academic upgradation, sometimes with funded research projects of national importance supported by Government funded agencies.

The pharmaceutical industry, especially Clinical Research organizations offer a variety of career opportunities in different Business vertical such as Basic Pharmacological Research, Pre-Clinical Toxicology, Clinical Pharmacology, Quality Assurance and Compliance, Medical/Scientific Writing, Pharmacovigilance, Marketing (Scientific/Product Management) and many more...

Department of Pharmacognosy

Pharmacognosy is a specific discipline which deals with rapid developments in the knowledge and utilisation of medicinal substances of Biological origin (plants, micro organism and animal products) used for human and veterinary purposes. This subject provides information about the principles and procedures used in the identification, authentication, extraction and isolation of active constituents by chromatography techniques, purification, and development of herbal formulations and assay methods for the isolated constituents.

WHO has estimated that majority of all the global inhabitants depend on curative natural systems of medicine for their primary health needs and these systems are largely of traditional origin. The department of Pharmacognosy focuses on research based on evaluation of medicinal plants including isolation, purification, identification and structural elucidation of bioactive molecules and development & standardisation of herbal formulations.

Lab Facilities:

The Pharmacognosy Laboratory is equipped with high-resolution microscopes like Projecting Microscope and Digital Microscope. Such microscopes help to raise quality of understanding histological studies of plant. The laboratory is enriched with the following equipments:

- HPTLC
- UV Chamber
- UV Spectrophotometer
- Colorimeter
- Soxhlet Apparatus
- Extraction and Distillation Unit
- Shaker Water Bath
- Ultrasonic Water Bath
- Magnetic Stirrers
- Rotary Evaporator
- High Speed Homogenizer



Department of Pharmaceutical Chemistry

Analysis of drugs and pharmaceutical chemicals forms the backbone of Research and Development in Pharmaceutical Industry. This Department focuses on training the Graduate students on how synthesis and evaluate the day by use of modern and newer instrumental analytical techniques such as HPLC, UV-Visible Spectroscopy, Fluorimetry and Flame Photometry.

Pharmaceutical Chemistry is focused on quality aspects of medicines and aims to assure fitness and efficacy for medicinal products. Computer-aided drug design and new Biotechnological approaches are opening new avenues in the field of Pharmaceutical Medicinal Chemistry.

Lab Facilities:

- Pharmaceutical Chemistry Lab I (Inorganic/Organic Chemistry Lab)
- Pharmaceutical Chemistry Lab II (Pharmaceutical Analysis Lab)
- Pharmaceutical Chemistry Lab III (Medicinal Chemistry Lab)
- Pharmaceutical Chemistry Lab IV (Central Instrumentation Facility)

Training in Pharmaceutical Chemistry

- Molecular Modeling, Docking, QSAR and solution phase ADME studies using CADD based software.
- Natural products-Chemistry/Pharmacology/ structure standardization/ using spectroscopic methods (UV- VIS/IR/NMR/MS etc.).
- Analytical Instrumentation skills for compound characterisation through Analytical Techniques.
- Advanced Organic Synthesis.
- Screening of drug candidates for specific therapeutic activity.



Department of Pharmaceutics

Pharmaceutics is concerned with the strategies by which biologically active compounds are presented to the body so as to elicit an optimal response. It is that discipline of Pharmacy that deals with all facets of the process of converting a new chemical entity (NCE) into Dosage forms like Tablets, Capsules, Oral Liquids, Ointments, Injectable, Aerosols, Transdermal Patches etc. that can be safely and effectively used in the clinical practice. Pharmaceutics is the Science of dosage form design on the basis of physicochemical properties, rate and extent of absorption of drugs and route of administration.

Lab Facilities

- Machine Room
- General and Dispensing Pharmacy Lab
- Pharmaceutics Laboratory II (Unit Operation Lab)
- Pharmaceutics Laboratory III (Microbiology Lab)

The machine room is well equipped with latest machines generally encountered in Pharmaceutical Industry like Coating Pan, Hand Operated Single Punch Machine, Dissolution Rate Test Apparatus, Disintegration Test Apparatus Refrigerated Centrifuge, Deep Freezer, Mechanical and Sieve Shaker, Filter Press, Venturi Meter and Orifice Meter, Friability Test Apparatus, Granules Drier, Capsule Filling Machine and Mechanical Stirrer.



Training in Pharmaceutics:

- Novel Drug Delivery Systems
- BA/BE Studies
- Nano technology Based Formulation Development
- Formulation and Standardisation of Herbal Formulations
- Cosmetology Studies
- Bio availability
- Bio equivalence studies

Department of Pharmaceutical Microbiology

The study of microorganisms, be it fungus, bacteria or viruses, is simply called Microbiology. When microbiological concepts, processes and techniques are applied to pharmaceutical operations, the subject is then called 'Pharmaceutical Microbiology'. It can be defined as the study of microorganisms that are pertinent to the production of antibiotics, enzymes, vitamins, vaccines, and other pharmaceutical products; it also incorporates the study of microorganisms that cause pharmaceutical contaminations, and degradation, deterioration and spoil of pharmaceutical raw materials and finished products.

Lab Facilities:

- BOD Incubators Laminar Air Flow
- UV Cabinet
- Deep Freezer
- Digital Oven
- Incubators
- Incubator Cum Shakers
- Bacterial Colony Counter
- Autoclaves
- Hot air oven
- Aseptic



Training in Pharmaceutical Microbiology

- Sterility Testing by Membrane Filtration and Direct Inoculation techniques
- Antimicrobial Efficacy Testing (AET)
- Bio burden Determination
- Endo toxin (LAL) Testing and Water Analysis.

Corporate Talks



DR. GOVIND S. PANDEY
Director, Kopran Ltd.

27 years experience in US FDA approved pharmaceutical labs



DR. P. L. SAHU
Scientific Director, National Dope Laboratory, Ministry of Youth Affairs & Sports, Government of India

24 years experience in analytical R&D and a qualified Technical assessor at NABL



MR. SUDHAKAR MAIRPADY
Director, Govt Affairs, Regulatory, SouthAsia, Becton and Dickinson India Pvt Limited, Gurgaon



MR. DIPANSAHU
Asst. Innovation Director, Ministry of Education's Innovation Cell & AICTE, Govt. of India



MS. PALLAVI TRIVEDI
Senior Manager (Regulatory) at Viatrix, Hyderabad



DR. SOMNATH BASU
Scientist- E, QMS & Regulatory, AMTZ, Visakhapatnam
Ex- Dy. Drugs Controller (I) CDSCO, MOHFW, Govt. Of India



MR. SOHAM WAGH
Global Marketing Manager, GSK

PHARMACY Initiatives

Herbal Garden

Herbal Garden of MPCP was established in 2005. It offers a unique venue for students, visitors and official members to learn about importance of medicinal plants and their historic and current uses. This Herbal plant garden offers interesting information about uniqueness of the flora and the fauna. All the plant species were authentically identified by expert taxonomists, labelled and their therapeutic values are highlighted.

Herbal plants have a significant role in human life and India has a rich diversity of medicinal plants. About 90% of medicinal herbs are used in the manufacturing of medicines. Plants make many chemical compounds for biological functions and these chemicals work on the human body in exactly the same way as pharmaceutical drugs, so herbal medicines can be beneficial and have less harmful side effects in comparison to conventional drugs. However, since a single plant may contain many substances, the effects of taking a plant as medicine can be complex. Herbal plants of herbal garden are used for extraction, isolation, herbal formulation development, evaluation and standardization of herbal drugs and phytopharmaceuticals in Pharmacognosy laboratory.



Objectives of Herbal Garden of College:

- 1) To make the students and the teachers aware of various herbal plants that can be grown in their College herbal garden, be able to identify different plants and understand the ecological and medicinal uses of these plants.
- 2) To develop the creativity of student by research and education in this aspect and reinforce the message of protection and care for plants.
- 3) To achieve a cleaner and Greener Environment in and around their College campus.
- 4) To acquire the intimate knowledge of plants and their uses.

Animal House

It is built as per CPCSEA guidelines for housing small laboratory animals such as mice, rats, rabbits and guinea pigs etc for conducting animal-based experiments on education and research. Each species of animals is housed in barrier maintained individual rooms to avoid disease transmission and inter-species conflicts. All efforts are made to maintain the animals under controlled environmental conditions [Temperature (22-26°C), Relative Humidity (60 ± 10 %) and 12 hr alternate light and dark cycle] with 100 % fresh air exchange in animal rooms and uninterrupted power and water supply.



INDUSTRIAL VISITS



Global Networking



Dr Vikram Sahu represented MPGI at
22nd Pharmaceutical Analysts Convention 2023 at Mumbai.

EVENTS AT PHARMACY



World Autism Day seminar-Mrs.Dimple Rani



World Diabetes Day Seminar-Dr.Arjun Bhatnagar, MBBS,DM pulmonary & critical care



Pharmacy Farewell party-Hasta la vasta



Hospital visit of D.pharm 2nd Year at Ursula Hospital Kanpur



Goa cruise party



Pharmacy Farewell-Hasta la Vasta



"Rubaroo" Pharmacy Freshers



Eye Check up Camp in collaboration with Navdrishti on World Pharmacist Day

PHARMACY DAY CELEBRATION



PHARMACY CONCLAVE - HARDIWAR 2023

HOTEL RADISSON BLU, HARIDWAR

The Panel Discussion on "Industrial challenges for Pharmacy Graduates in post pandemic era" at Hotel Gardenia Hotel Spa & Resort, Sidcul, Haridwar.

1. Hon. Mr. Sandeep Jain

Co-Founder & Managing Director
Akums Drugs & Pharmaceutical Ltd.

2. Dr. Ashok Panwar

Vice President-Quality Operations
Akums Drugs & Pharmaceutical Ltd

3. Dr. Raj Kumar Singh

Corporate Head-Drug Regulatory Affairs
& Pharmacovigilance Akums Drugs
& Pharmaceutical Ltd.

4. Mr. Sanjay Rai

Vice President-Corporate HR Akums Drugs
& Pharmaceutical Ltd.

5. Dr. Vikram Kumar Sahu

Principal Maharana Pratap College of Pharmacy



PHARMACY CONCLAVE - HARDIWAR 2023



PHARMACY CONCLAVE - GOA 2023

HOTEL FORTUNE, GOA

The Panel Discussion on "Industrial Challenges for Pharmacy Graduates in the Post-Pandemic Era" will be held on at Hotel Fortune Miramar, Off Miramar Beach, Panaji, Goa.

1. Shri. Venkatesh M. Sinari

Assistant Drug Controller,
Directorate of Food & Drugs Administration, Goa

2. Mr. Varddhman Vikramaditya Jain

Whole-Time Director,
Marksans Pharma Ltd, Goa

3. Mr. Bal Krishna Kamat

Vice President and Head of Quality,
Glenmark Pharmaceuticals, Goa

4. Dr. Pankaj Kumar

4., Vice President R&D Wallace
Pharmaceutical Pvt. Ltd. Goa

5. Mr. Renjith Purushan

General Manager Quality Operations
At EncubeEthicals Pvt. Ltd, Goa.

6. Mr. Rohit Gupta

General Manager & Site Head
(Human Resources), Glenmark

7. Mr. Milind Dangre

GM Business Development
M/S D. Haridas & Company

8. Mr. Nitesh Sharma

Head of GMP Compliance and Technical Support
at Red Lotus Pharmatech Pvt. Ltd., Mumbai

9. Mr. Gaurav Bhaduria

Joint Secretary, MPGI



PHARMACY CONCLAVE - GOA 2023



PHARMACY CONCLAVE - MUMBAI 2023

HOTEL RADISSON, MUMBAI

The Pharmacy conclave on "Industrial challenges for Pharmacy Graduates in post pandemic era" at Hotel Radisson Mumbai Goregaon the Panelists are:

1. Dr. Govind Shanker Pandey

CEO And Managing Director ,Gamp Technologies Pvt.Ltd
& Director ,Kopran Limited,Mumbai

2. Dr. Deependra Singh

Chairman,Education Regulations Committee,
PCI ,New Delhi

3. Mr. Dharmendra Singh

EC Member, Pharmacy Council of India,New Delhi

4. Mr. Pradeep Patni

Chief Executive Officer , Akumentis

5. Dr. Pankaj Mandale

Senior Director-Medical Affairs,Venus Remedies Ltd.

6. Mr. C. I Shetty

President-Human Resources &
Business Support Alembic Pharmaceuticals Limited,
Mumbai

7. Dr. Vallabh Pansuriya

Vice President-Research &
Development at Kopran Limited, Mumbai

8. Mr. Arvind Tripathi

Associate Vice President-Human Resources,
Alembic Pharmaceutical Ltd.,Mumbai

9. Mr. Jagadeesh G.Tippimani

General Manager R&D IPCA Laboratories

10. Mr. Gaurav Bhaduaria

Joint Secretary MPGI



PHARMACY CONCLAVE - MUMBAI 2023

PHARMACY CONCLAVE - HARIDWAR 2023

HOTEL GARDENIA, HARIDWAR

Panel Discussion: "Industrial Challenges for Pharmacy Graduates in the Post-Pandemic Era"
Hotel Gardenia Hotel Spa & Resort, SIDCUL Haridwar. The Maharana Pratap College of Pharmacy in Haridwar hosted a panel discussion for diploma second-year students.

1. Dr. Vibhu Sahni

Central Council Member of the Pharmacy Council of India

2. Mr. B.K.S. Rathore

Associate Vice President - Operations at Akums Drug & Pharmaceuticals Ltd,

3. Mr. Shreyam Anand Gaur

Deputy General Manager Human Resources at Akums Drug & Pharmaceuticals Ltd,

4. Mr. Arun Kumar

Assistant General Manager-QA at Akums Drugs and Pharmaceutical Ltd,

5. Mr. Rahul Chauhan

Operations Manager at Akums Drugs & Pharmaceutical Ltd,



PHARMACY CONCLAVE - HARIDWAR 2023



PHARMACY CONCLAVE - HYDERABAD 2023

HOTEL COURTYARD MARRIOTT, HYDERABAD

Panel Discussion: "Industrial Challenges for Pharmacy Graduates in the Post-Pandemic Era" At Hotel Courtyard Marriott Hyderabad. The Maharana Pratap College of Pharmacy in Hyderabad hosted a panel discussion for B.Pharm 4th Year

1. Dr. Shashi Bala Singh

Director, National Institute of Pharmaceutical Education and Research (NIPER) Hyderabad.

2. Mr. Dharmendra Singh

EC Member, Pharmacy Council of India, New Delhi

3. Dr. Deependra Singh

Chairman, Education Regulations Committee, PCI, New Delhi

4. Mr. Manikandan Ramalingam

Sr. Vice President R&D
Granules India Limited, Hyderabad

5. Dr. Ranjana B Pathak

Global Head of Quality and Pharmacovigilance,
Dr Reddy's Laboratories Limited, Hyderabad.

6. Mr. Gnanadev Gudipati

Associate Vice President
NATCO Pharma, Hyderabad.

7. Dr. Tathagata Dutta

Chief Technology Officer (CTO),
Jodas Expoin Pvt Ltd, Hyderabad.

8. Dr. Shubhadeep Debabrata Sinha

MBBS, MD Senior Vice - President & Head -
Global Operations Of Clinical Trials, Pharmacovigilance,
Medical Writing, Medico-Regulatory & Medical Affairs,
Hetero Group Of Pharmaceuticals, Hyderabad.

9. Ms. Pallavi Trivedi

Senior Manager (Regulatory),
Viatris, Hyderabad.

10. Mr. Satyanarayan

QA, QC, Senior General Manager,
Aurobindo Pharma Pvt.Ltd., Hyderabad.

11. Mr. Mukesh Nema

GM Eugia Operations, Aurobindo Pharma
Pvt.Ltd., Hyderabad.

12. Dr. Vikas Sahu

Chief Innovation Officer at Malla Reddy Health City
Cofounder and Director - AIDIA HEALTH Pvt Ltd &
AASYA HEALTHCARE Pvt Ltd., Hyderabad.

13. Dr. Soumya Ranjan Satapathy

Technical Manager
DFE Pharma India Pvt.Ltd.Hyderabad.

14. Mr. Avanija Ramanan

Principal Analyst ,Innovation & Strategy-Ojas
Medtech Bionest, Hyderabad.

15. Mr. Gaurav Bhadauria

Joint Secretary, Maharana Pratap
Group of Institution, Kanpur



PHARMACY CONCLAVE - HYDERABAD 2023



PHARMACY CONCLAVE - BADDI 2024

HOTEL LE MARIET, BADDI

Panel Discussion: "Nurturing the Next Generation of Pharmaceutical Industry Professionals & Leaders" At Hotel Le Mariet, Baddi. The Maharana Pratap College of Pharmacy in Baddi hosted a panel discussion for B.Pharm 4th Year

- 1. Dr. Govind Shankar Pandey**
CEO and Managing Director - Gamp Technologies Pvt. Ltd., Director - Kopran Limited
- 2. Dr. Satya Ramani Vadlamani**
Chairperson & Managing Director Murli Krishna Pharma Pvt. Ltd.
- 3. Dr. Deependra Singh**
Chairman, Education Regulations Committee, Pharmacy Council of India, New Delhi.
- 4. Mr. Jawaid Imam**
Sr. Vice President
Aristo Pharmaceuticals Pvt. Lvt.
- 5. Mr. Hari Om Sharma**
Director Affinitee Laboratories Pvt. Ltd. & Shreeyan Group



PHARMACY CONCLAVE - BADDI 2024



INTERNATIONAL CONFERENCE 2024



Maharana Pratap College of Pharmacy, Kanpur, proudly organized an International Conference on Emerging Trends and Future Prospects of Medical Devices on 3rd and 4th February 2024. This groundbreaking event brought together leading experts, researchers, and industry professionals to delve into the forefront of medical device innovation. With insightful discussions, keynote presentations, and collaborative sessions, the conference illuminated the latest advancements and potential future trajectories in the field. Participants gained invaluable insights, fostering connections and paving the way for transformative breakthroughs in healthcare technology.



Our Placement Partners



Placement Highlights



Congratulations for
achieving a single-day record of

54 selections in
MACLEODS®

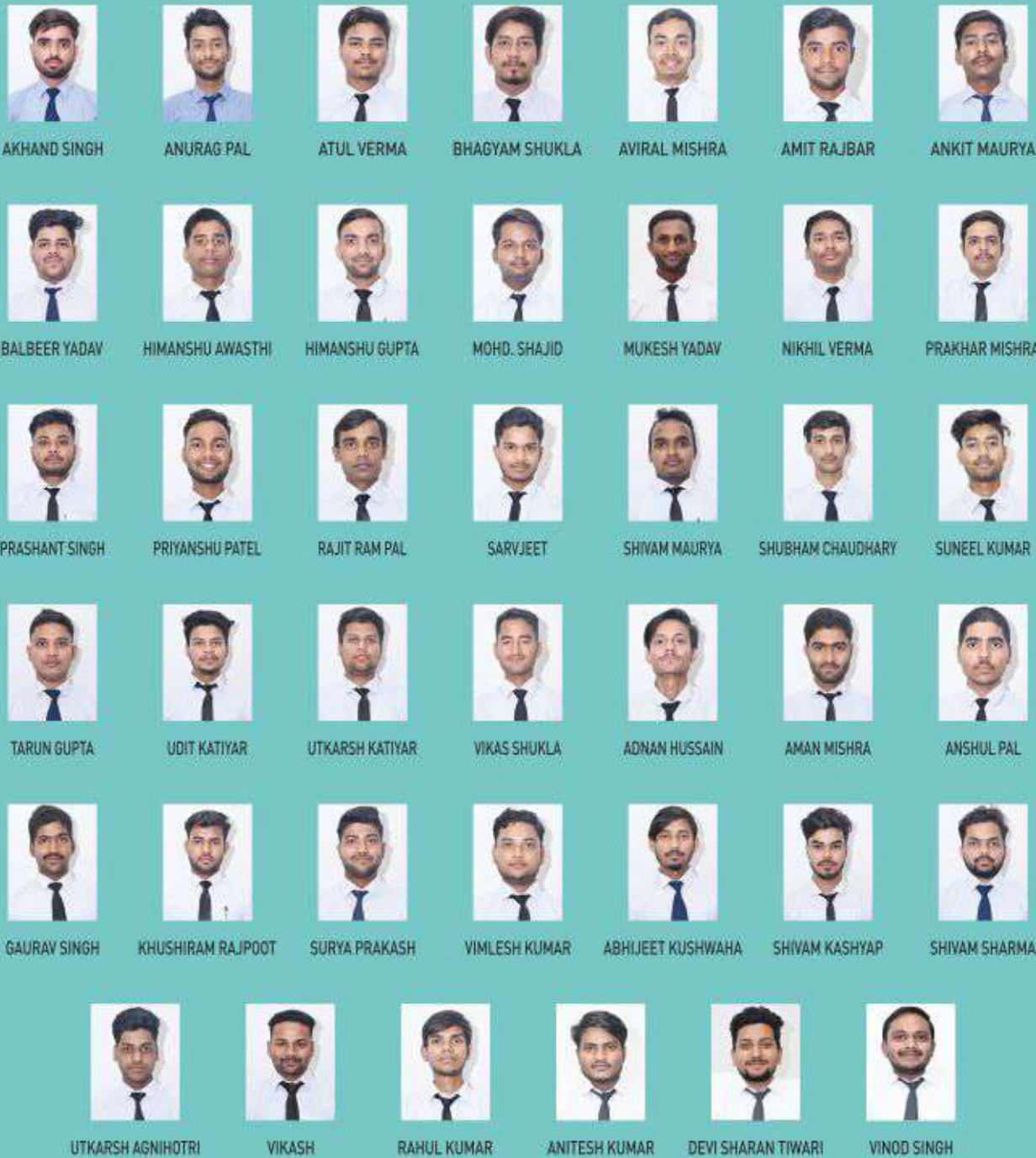


Congratulations for
achieving a single-day record of

41

selections in

Alembic
—Touching Lives over 100 years



Congratulations for achieving a single-day record of
27 selections in  **Hindustan Wellness**



Congratulations for achieving a single-day record of
23 selections in  **MACLEODS**



Congratulations for achieving a single-day record of 17 selections in Nouveau Medicament (P) Ltd.



ABHAY KUMAR CHAURASIA



ABHIJEET GUPTA



ABHIJEET KUSHWAHA



ALTMUSH



AMEER HAMZA



MORDHWAJ DUBEY



NISHANT ARYA



RAHUL PATEL



RAJ HANS YADAV



RAJNEESH KUMAR



SANTAN SHUKLA



SARVESH KUMAR



SAYED MOHD AMIR



SHIVAM KUMAR YADAV



SHIVANG PAL



VIVEK



AMAN KUMAR SAVITA

Congratulations for achieving a single-day record of 16 selections in East India Pharmaceutical Works Ltd.

East India Pharmaceutical
Works Ltd
Medicine for Millions



ABHAY SINGH



AKASH TIWARI



AMAN CHAUDHARY



AMEER HUSSAIN



ANKUSH RATHORE



PRASHANT PAL



PRASHANT SHUKLA



RISHABH AGARWAL



SHIVANG PAL



VISHAL GUPTA



ASHUTOSH



MORDHWAJ DUBEY



VIVEK KATIYAR



SHIVAM YADAV



SHIV OM SHUKLA



SAYED MOHD AMIR

DENTAL

5 YEARS

NATIONALITY

- Indian Nationals
- Non Resident Indians (NRIs)
- Overseas Citizen of India (OCI)
- Persons of Indian Origin (PIO)
- Foreign Nationals (for 15% quota All India Quota only). The norms for state admissions will be different.

QUALIFYING EXAM

- Candidates have to pass a recognized Higher/Senior Secondary Examination or the Indian School Certificate Examination equivalent to 10+2 Higher/Senior Secondary Examination after a period of 12 years study.
- NIOS candidates are eligible subject to the matter subjudice in the court.
- Students from Foreign/International Boards are eligible if their qualify exam meets the equivalency determined by Association of Indian Universities (AIU) as per regulations of the Medical Council of India and the concerned University.

SUBJECTS TO BE STUDIED IN QUALIFYING EXAM

- Physics, Chemistry, Biology/Biotechnology (including practical tests in these subjects)
- AND
- Any other elective subject with English as prescribed by the NCERT.

REQUIRED PASS PERCENTAGE IN 10+2 OR EQUIVALENT

- Unreserved candidates and OCI, NRI, foreign candidates.
- Must have secured at least 50% in their qualifying exam in Physics, Chemistry and Biology/Bio-technology taken together.
- Candidates belonging to Scheduled Castes, Scheduled Tribes or Other Backward Classes (OBC) must have secured 40%.
- PwD candidates must have secured 45% in their qualifying exam.
- Candidate should have secured 50% marks individually in English in passing exam

AGE LIMIT

- Candidates must have completed 17 years at the time of admission or before December 31 of the year of admission.



View of the Dental Block



Frontal view of Maharana Pratap Dental College, showing Maharana Pratap Auditorium on the right.

DENTAL SCIENCES

Course established in 2005

COLLEGE - MAHARANA PRATAP DENTAL COLLEGE (MPDC)

B.D.S. or Bachelor of Dental Surgery is an Undergraduate Dental course. The duration of Bachelor of Dental Surgery course is 4 years of academic & 1 year of internship. B.D.S. enables one to become a Dental Surgeon. Dental Courses comprise didactic lectures, demonstrations, group discussions, seminars, clinical work and conferences. Aspiring candidates learn about Dental Materials, Dental Anatomy & Oral Histology, Oral Pathology, Community Dentistry, Pedodontics, Oral Medicine & Radiology, various forms of treatment including Surgical Procedures, Root Canal Treatments etc. Basic Medical Science subjects are also taught.

During Internship the candidate spends 1 year as a rotatory houseman ship in all the 9 departments. Here they have the confidence of diagnosing and treating the patient with the guidance of senior professionals.

Scope of B.D.S.

- 1) One can work as a dental surgeon with some private clinic dental professional for some practical experience.
- 2) You can prepare for a JR. Ship exam organised by reputed Govt. hospitals.
- 3) You can join any private hospital or ECHS.
- 4) Join as BDS staff in any dental college.
- 5) Sooner or later you can open your own practice by making enough investment & this is the most rewarding choice.
- 6) You can also do health/hospital administration for any reputed Institution/Hospital.

Approved by



Dental Council of India

Affiliated with

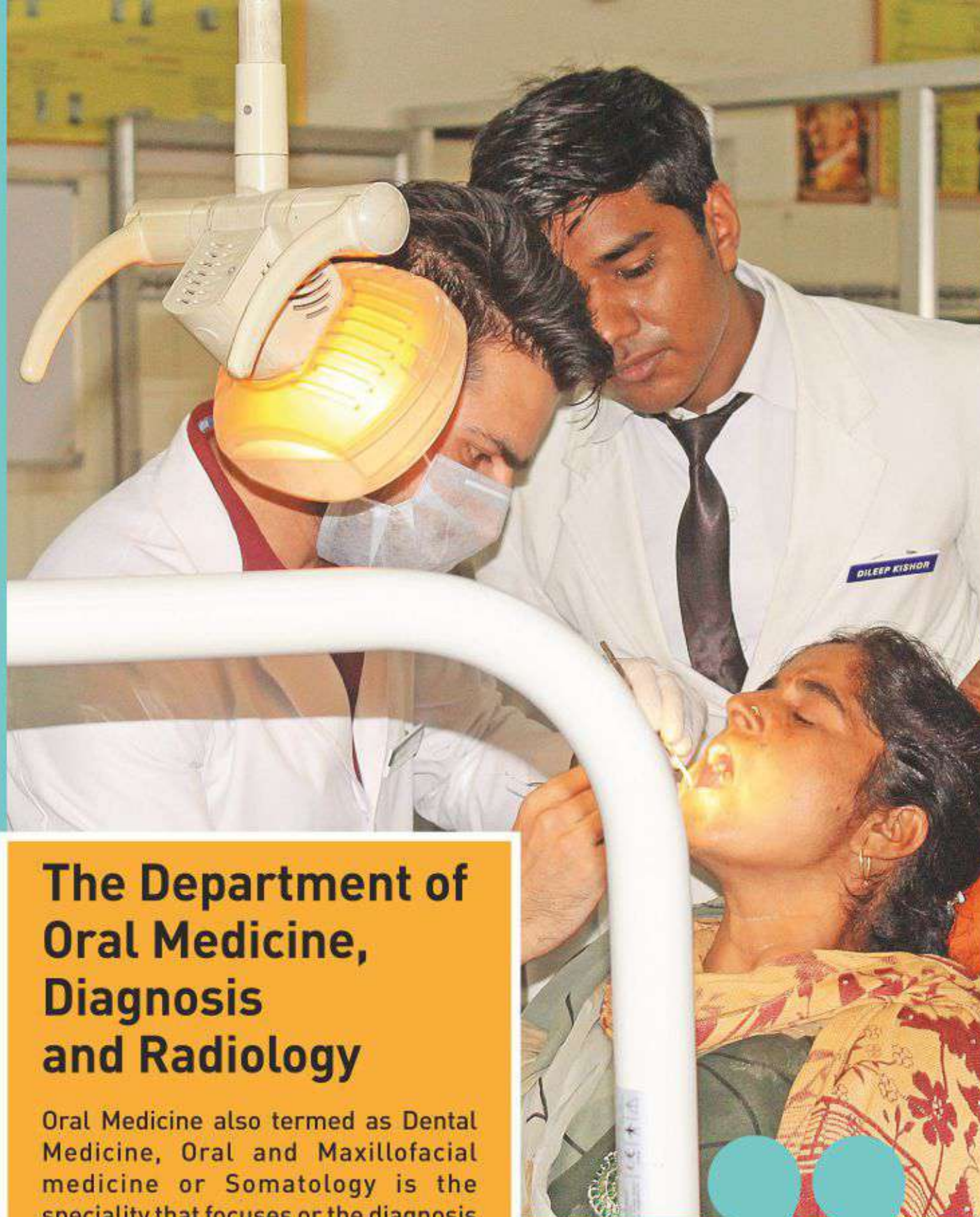


Atal Bihari Vajpayee
Medical University U.P.

- Recognized by Dental Council of India, New Delhi
- Approved to MOHFW, New Delhi
- Affiliated to CSJMU, Kanpur

Facilities Available

- Separate labs, accommodating 100 students for clinical and non-clinical specialty.
- 6 medical and 5 dental labs within the dental building.
- Labs equipped with latest instruments and equipments from reputed international organisations.
- All safety measures have been taken care for all labs for prevention of accidents and radiation hazards etc.
- 4 lecture halls with a seating capacity of 100+ students.
- 4 Fully Air Conditioned state of the art Hi Tech Digital Classrooms with a seating capacity of 100 students
- In the past academic year, we have attended and educated 3000+ patients in village dental camps, 5300+ patients in school dental health programmes and 1000 patients in the department.
- 24/7 digital library within the campus, provided with broadband connection.
- Weekly organisation of dental camps in rural sector to generate awareness and importance of dental treatments.
- 24-hour ambulance service provided to needy patients.
- High Speed Wi-Fi
- Gym and fitness facilities



The Department of Oral Medicine, Diagnosis and Radiology

Oral Medicine also termed as Dental Medicine, Oral and Maxillofacial medicine or Somatology is the speciality that focuses on the diagnosis and medical management of complex diagnostic and medical disorders affecting the oral cavity. Oral Radiology plays an important role in aiding the diagnosis through various intra oral

Infrastructure:

The Department of oral medicine and Radiology is well-equipped with facilities including Digital Radiology unit comprising of RVG, OPG unit with Cephalostat.

The department also focuses on oral manifestation of systemic diseases and their management.

The patient is received in a well-appointed and soothing reception. They are referred to the respective specialties for specific treatment for oral cavity problems.

This department is well-equipped with advance dental chair and instruments with sophisticated methods of sterilization to ensure the quality care.

Technically well-qualified Radiography dark rooms ensure that high quality radiographs are made with least exposure with radiation protectors such as lead aprons etc.

Activities

Special emphasis is given on the prevention, evaluation diagnosis treatment, rehabilitation of chronic oro facial pain disorders and jaw dysfunction which generally pose a diagnostic challenge to the practitioners. Head and Neck radio diagnostic is a necessary component for comprehensive patient diagnosis to identify the conditions which probably go undetected clinically and abundance of information about the teeth and supporting structures. Our Digital Radiography, OPG unit with cephalostat RVG plays a vital role in diagnosis and pharmacological management of diseases.

The department runs the Undergraduate program including third year and final year where they are trained to take thorough case history, examine the oral cavity, diagnose and plan the treatment and manage several oral conditions.

Facilities Available

- Thorough examination of periodontal lesions in the oral cavity.
- To detect the Endodontic treatment required according to the severity of the caries.
- Detecting the level of severity of impactions.
- To enable proper follow-up of patients who have to undergo long-term treatment planning with medications.
- Screening of Cancerous and Pre Cancerous lesions to enable proper treatment planning and medication for patient and research work purposes.

Cases by Interns in the Department

- Complete Diagnosis of a patient.
- All relevant Digital IOPAR Shoots.
- All OPG / Cephalostat Study.
- Thorough screening of patient with cancerous or abnormal lesions.
- Prescribing medication for tackling severe pain related problems.

Research:

Our faculty members have National and International publications and have made various presentations in National conferences and CDE programs.



Department of Prosthodontics, Crown and Bridge

Prosthodontics is the dental speciality responsible for diagnosis treatment planning, rehabilitation and maintenance of patients with missing teeth and its associated structures using bio compatible substitutes. Department of Prosthodontics trains and educates the students to be competent in treating and managing patients who require comprehensive replacement of missing teeth and maxillofacial structures. The teaching programme includes extensive clinical and laboratory training of students in the areas of fixed and removable partial dentures, complete dentures, maxillofacial and implant Prosthesis. The Department caters to the needs of patients requiring replacement of teeth by fixed Prosthesis, removable Prosthesis

Infrastructure and Facilities

The Department is located on the second floor of the Dental College building with separate Undergraduate Clinic And Implant Clinic, Undergraduate Lab, Technician Lab, Air-Conditioned Ceramic Room, Computer Room, Polymer Lab, Cast Partial Denture Lab with induction casting machine with all latest lab equipments, Plaster lab, Seminar Room, Departmental Library with E-library, Museum, Pre-Clinical Dental Material Lab, Pre-Clinical Prosthodontic Lab, Crown & Bridge Lab, Sterilisation Room, Faculty Rooms and Department Stores. The department is well-equipped with fully functional dental chairs. All consumable materials are freely available for use to the students and doctors for treating patients.

Activities Conducted

- Rehabilitation of completely Edentulous patients.
- Rehabilitation of partially Edentulous patients.
- Replacement of missing teeth with implant supported Prosthesis.
- Oro-facially compromised patients are managed with Maxillofacial Prosthesis.
- Various research activities.
- One day denture camps- fabrication of complete dentures in single day procedure.
- All treatments are provided free of cost.

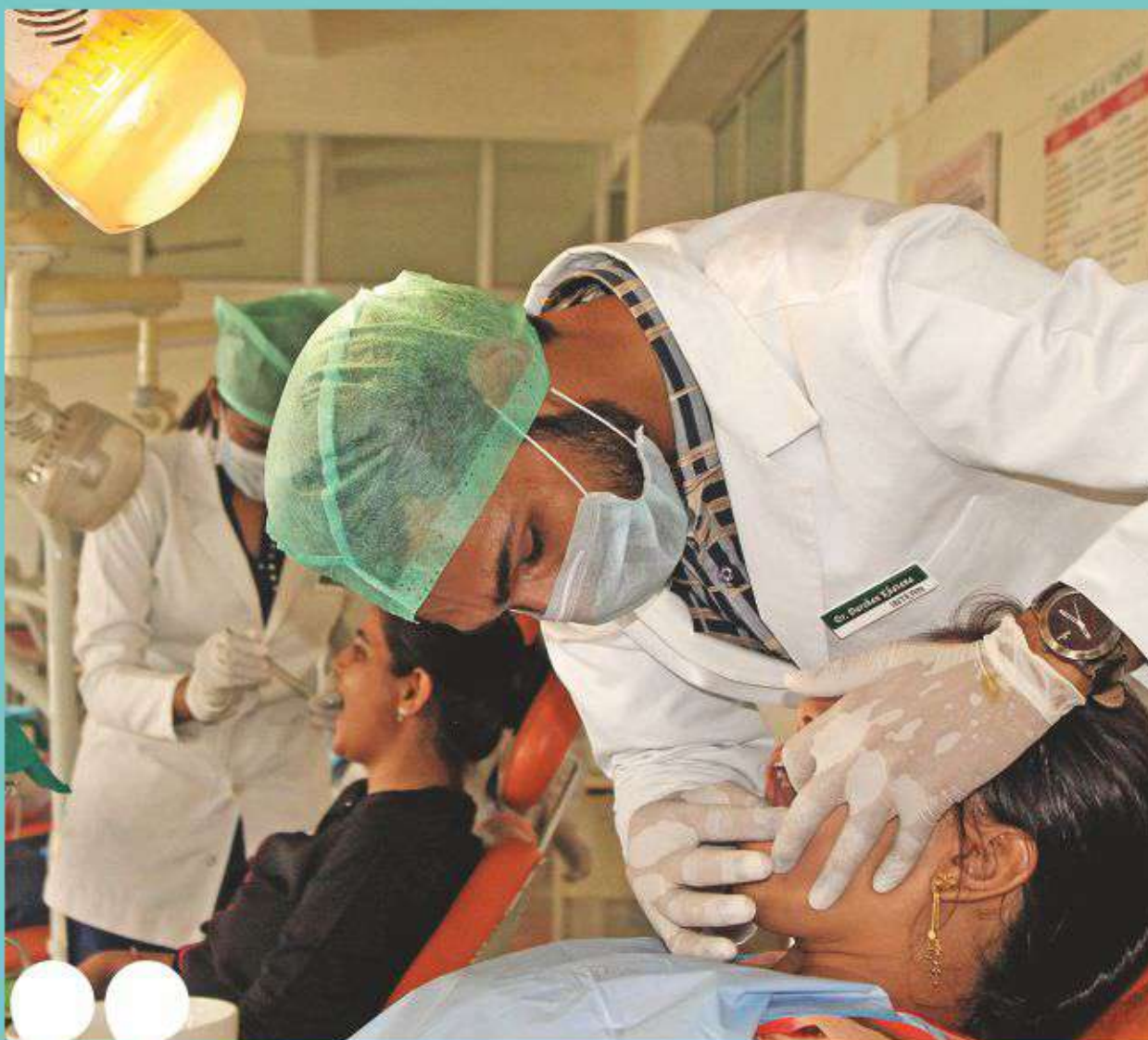
Cases by Interns in the Department

- Balanced Complete Denture and Over Dentures
- Fixed Partial Denture
- Post and Core Buildup
- Cast Partial Denture Designing
- Full Mouth Rehabilitation Planning
- Smile Designing
- Maxillofacial Prosthesis
- Laminates and Veneers

Research:

Our Faculty members have national and international publications and have made various presentations in national conferences and CDE programs. The department also conducts regular Continuing Dental Education Programmes, playing host to a number of reputed national and international speakers, keeping its students and staff up to date with the latest developments in Prosthodontics and Dentistry.

**“Impossible is for
the UNwilling.”**
—JOHN KEATS



Department of Conservative and Endodontic Dentistry

Dental caries and pulp disease are the most common problems encountered in human beings, here in this department it is diagnosed, treatment planned and treated with the state-of-the-art equipments to restore, rehabilitate & preserve the dentition in the oral cavity to maintain the physiologic integrity of the teeth in harmonious relationship with the adjacent hard & soft tissues; all of which enhances the general health and

Conservative Dentistry and Endodontic is a branch of dentistry which is concerned with the conservation of teeth in the oral cavity. It includes various kinds of direct and indirect restoration of the individual teeth in the mouth.

Endodontic is the branch which deals with the etiology, diagnosis, prevention & treatment of diseases of the pulp and the periapical tissues compatible with good health. The department is endowed with dedicated and experienced faculty; all of them are committed to excellence in education, patient care, scholarly activities & research. The faculty also participates in conducting regular CDE programs to enhance and enrich professional knowledge.

The Undergraduate training program starts with lectures and practical exercises from 2nd year and clinical postings from 3rd year to final year. Students give their clinical and theory examination in their final year. The department is well-equipped with dental chairs, RVG, IOPA X-ray, 60 phantom heads, bleaching units, light cure units, apex locators etc. The treatment provided includes various restorative procedures, root canal treatment, surgical endodontic, bleaching & management of traumatized teeth.

Infrastructure & Facilities

Department has Gnatus dental chairs and proper sterilisation room, minor operation theatre room, x-ray room and department have RVG machine with computer which helps in immediate diagnosis and location of the various caries extent in the tooth of a dental patient other equipment in department include apex locators, Pulp taster, composite kit, amalgamator, ultrasonic cleaners, apart from these strict measures are taken so as to ensure proper sterilization and maintenance of department.

Activities Conducted

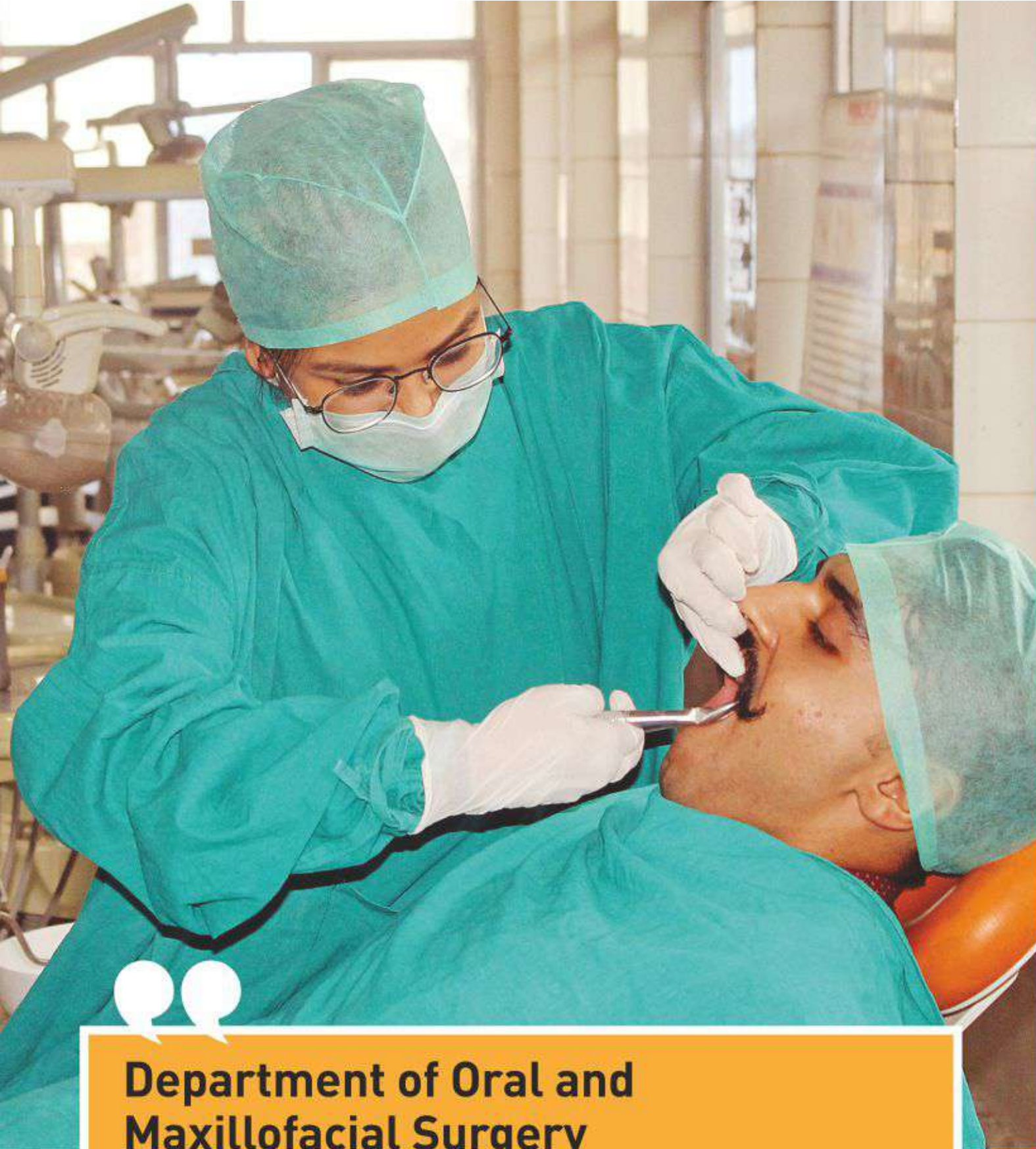
- Endodontic Treatment - Root Canal Treatment
- Esthetic Dentistry - GIC, Composite, Bleaching & Tooth Coloured Restorations
- Restorative Dentistry - Amalgam, Miracle Mix, Temporary Restoration
- Inlay, Veneers
- Onlay, Laminats

Continuing dental education programs pertaining to the specialty

- Conservation of the teeth in the oral cavity.
- Entire diagnosis procedure for the various diseases of the pulp and Periapical and Pulpal tissue are conducted.
- Pre-Clinical Training is conducted for the students before entering into the clinical environment so as to building confidence to perform operative procedures.
- Proper set up of Junior Operative Training Lab set up for 1st and 2nd year students.

Cases by Interns in the Department

Root Canal Treatment and all types of restoration is done by Interns and Students in the Department.



Department of Oral and Maxillofacial Surgery

The Department of Oral and Maxillofacial Surgery is a speciality which bridges dentistry and medicine. The department is equipped with latest technology in treating surgical emergencies of dental field. The services provided include treatment of Facial Injuries, Diseases or Abnormalities affecting the Face, Jaw and Mouth and Dental Implants.

Infrastructure:

Department is equipped with high-quality dental chairs, Minor oral Surgery operating room and a recovery room. The department has well-planned and spacious clinic to handle the procedures of exodontias and other minor surgical procedures done under local anaesthesia. Department has the facility of Oral Cancer Detection. Department is also equipped with separate dental implant clinic & RVG.

- State-of-the-art fully equipped Implant Centre attached to the department for providing proper aesthetical catering to patients needs.
- Minor Operative Theatre for conducting various surgical procedures.

Curriculum and Activities

The curriculum is designed to develop the clinical, academic, and communicative skills that will provide for diversified career options. The Undergraduate Training Programme commences in the 3rd year with lectures and practical exercises and continues till the final year. During clinical posting, students have the opportunity of examining the patients and arrive at a diagnosis with the suitable treatment plan as required in oral surgery. Students are trained in this section for minor oral surgical procedures. The Centre deals with surgeries covering the following specialized areas:

- Dental Extractions
- Minor Oral Surgery
- Operating Room
- Recovery Room
- Management of Craniofacial Trauma
- Temporomandibular Disorders
- Salivary Gland Disorders
- Cleft Lip and Palate
- Orthognathic Surgery
- Oral Cancer and other Head and Neck Tumours
- Dental Implants

Dental Implants

Sometimes it is necessary to remove tooth, leaving a gap in the teeth. In such cases, dental implants come of great help. Dental implant is embedded into the jawbone beneath the gums by a small surgical procedure. Then the crown is placed on top of it to replace the missing tooth.

Faculty and Research

Members have various publications in National and International Journals. The faculty is dedicated in imparting the knowledge and training the student for a bright future.

Cases by Interns in the Department

- Grade I and II Extractions
- Minor surgical procedures like:
- Excision of over growth of tissue
- Enucleation of Cyst and various pathologies
- Marsupialization
- Assisting and performing Impactions of independent basis
- Assisting in fracture related surgeries of the jaws
- Assisting in implant placing and related treatment



Department of Periodontics And Implantology

Periodontics is a branch of dentistry that deals with diseases of the supporting and investing structures of the teeth including the gums, cementum, periodontal membranes and alveolar bone.

Infrastructure

The department is equipped with high-quality dental chairs fitted with ultrasonic scalars and advanced technologies such as Laser, Electrocautery machine, Air polisher etc. this department is equipped with all new & various treatment modalities like Regenerative Surgery, Osseous Surgery, Periodontal Plastic Surgery & Splinting.

Curriculum and Activities

- To prevent the occurrence and cure the spread of damage caused already by the infection.
- Dedicated for preventive and corrective measures in management of the diseases of the periodontium.
- Training of students starts from 3rd year with classes and practical exercises which continue up to internship.
- Training done to provide comprehensive treatment to the patients, including those requiring surgical as well as non-surgical therapy.
- To render skills of non-surgical and preventive periodontal procedures by observing and assisting as procedures are being performed.

Surgeries performed in the Department: -

1. Pre prosthetic Surgeries
 - Crown Lengthening Procedure
 - Vestibular Deepening
 - Ridge Augmentation
 - Alveoplasty
2. Periodontal Surgeries
 - Flap Surgeries
 - Regenerative Procedures
 - Root Resection
 - Hemisection
 - Root Amputation
3. Esthetic Surgeries
 - Smile Designing
 - Gingival De-pigmentation
 - Gingivo Plastic
4. Mucogingival Surgeries
5. Dental Implants

Cases by Interns in the Department

- Grade I and II Extractions
- Manual and Ultrasonic hand scaling
- Assisting and performing various pre-prosthetic surgeries.
- Performing Flap Surgeries, Root Resection, Hemisection and Root Amputation procedures.
- Assisting in implant placing and related treatment.

Research

This department focuses on evidence based periodontic & implant dentistry. Our faculty members have various publications in National and International journals. The faculty is dedicated to imparting quality knowledge to our students so that they are confident and ready for their future endeavours.



Department of Orthodontics And Dental Orthopaedics

Orthodontics is that specialty of dentistry that deals with the presentation and correction of dental and facial irregularities. The common problems that require an orthodontist's intervention are proclination, crowding, spacing between teeth, extra or missing teeth and other irregularities of the jaw.

Department of orthodontics trains and educate the students to be competent in treating and managing patients who require preventive, interceptive and corrective care of malposed teeth and jaws. The department is endowed with dedicated and experienced faculty; all of them are committed to excellence in education, patient care, scholarly activities and research.

The teaching program includes prior discussion of the topic, extensive clinical and laboratory training of the students for removable orthodontic appliances. The Undergraduate Program includes lectures and pre-clinical exercises from 3rd year and clinical postings for final year and interns.

The pre-clinical and clinical exercises include basic wire bending, fabrication of removable appliances and assisting fixed orthodontic patients treated in the department. A full detailed case history is taken by the students and removable appliances are fabricated for the patients. Live demonstration on soldering, welding and bonding on orthodontic patients are included in the curriculum.

The department is well equipped with dental chairs and laboratory machines with sufficient workspace for the preclinical as well as patient work. Special emphasis is given on sterilization using latest sterilisation equipments to ensure infection free and hygienic environment to the patients.

The department has Gnatus dental chairs in the Undergraduate clinic, 5 Ortho care spot welders, UV chamber, Unident plaster dispenser, model trimming lathe machine, a separate sterilisation room and a laboratory. Other facilities on hand in the department include Ultrasonic Scalars, Pulp Tester, Composite Kit and Light Cure Unit.

Cases by Interns in the Department

- Maintaining proper records of the patients with thorough case history, taking and maintaining all IOPARs/OPG of the patients.
- Fabrication of removable Orthodontic Appliances.

Activities Conducted

- To obtain proper clinical history, methodological case examination and diagnosis for better treatment planning
- Preventive and interceptive orthodontics
- Functional appliance therapy: (removable, fixed functional appliances), fabrication of removable appliances
- Fixed orthodontic treatment using various bracket systems [standard edgewise, readjusted edgewise (Roth and MBT) using metal and ceramic brackets accordingly
- Management of impacted teeth and transposition
- Micro-implants
- Accelerated orthodontic tooth movement
- Clear aligners

The faculty also participates in conducting regular CDE programs to enhance and enrich professional knowledge.



Department of Pedodontics And Preventive Dentistry

Pedodontics and Preventive Dentistry is a subject that deals with the care and treatment of children's teeth. It is thus an age defined speciality. It involves counselling parents regarding diet, prevention and management of dental caries, paediatric endodontics, management of traumatic injuries of teeth, preventive and interceptive orthodontics, cosmetic dental treatment using latest technology, managing gingival and periodontal diseases in infants, children and adolescents including those

**“Learning
never exhausts
the mind.”**
– LEONARDO DA VINCI

The students and Interns are allowed to perform the following mentioned cases in the Department

Extraction of Tooth- Removal of tooth which cannot be saved by any preventive procedure.

Restoration of Tooth- Dental restoration is a treatment to restore the function, integrity & morphology of missing tooth structure resulting from caries or external trauma.

Pulpotomy- Pulpotomy can be defined as the complete removal of coronal portion of the dental pulp followed by placement of suitable dressing or medicine that will promote healing & preserve vitality of tooth.

Pulpectomy- Pulpectomy is a dental procedure that involves removing of the whole pulp tissue (coronal as well as reticular) of the tooth to treat infection & avoid tooth loss.

R.C.T- Root canal treatment is used to repair & save a tooth that is badly decayed or becomes infected. During this procedure the nerve & pulp are removed & inside the tooth is cleaned & sealed.

Scaling- This is a type of dental cleaning that reaches below the gum line to remove plaque build-up.

Capping Teeth/Dental Crown- It is a type of dental restoration that fits over the remains of a tooth to restore the appearance of natural tooth.

Fixed Partial Dentures- FPDs are dental prostheses that are luted, screwed or mechanically attached or otherwise securely retained to natural teeth, tooth roots.

Apicoectomy- A root end surgery also known as Apicoectomy. It is an endodontic surgical procedure whereby tooth's root tip is removed & a root end cavity is prepared & filled with a bio compatible material.

Apexification- Method of inducing a calcified barrier at the apex of a non-vital tooth with incomplete root formation.

Post & Core- It is a type of dental restoration required where there is an inadequate amount of sound tooth tissue remaining to retain a conventional crown.

Infrastructure & Facilities:

The Department has undergraduate section with dental chairs, along with a well-equipped preclinical lab. The ambience of the clinical operator is friendly, warm and cheerful to cater to the needs of small children. The students are well-groomed in the subject with both preclinical education and clinical work. The department is very well-equipped with all instruments and machineries to provide complete perfect care to all child patients under one roof. All surgical procedures are done under strict sterilisation.



The Maharana Pratap Dental College and JK Cancer Institute in a combined effort to fight Oral Cancer have successfully discovered 3 bio markers which will help in diagnosing cancer in a span of hardly 2-3

Department of Oral Pathology & Microbiology

The department of Oral Pathology & Microbiology has been the backbone of this institute in giving diagnosis and information about various potentially malignant oral lesions, oral cancer, odontogenic cysts and tumours. It plays a pivotal role in establishing the final diagnosis. The department lab is well-equipped with the resources required for Histopathology, Hematology and Microbiology investigations.

Core Competencies

- Oral Pathology and Microbiology
- Dental Anatomy, Embryology and Oral Histology

Infrastructure & Facilities:

- Well-equipped laboratory containing various instruments such as Microscopes, Tissue Processing unit, Hot air oven, Incubator and many more for diagnostic and research purposes.
- The department has a tissue processing with special stain to facilitate precise & accurate diagnosis for appropriate treatment plan.
- Library is well-established having recent journals and books.

Activities Conducted in Department

- Identification & carving of primary & permanent teeth.
- Develops skills in age estimation using plaster casts of different age groups.
- Identified dental anomalies through specimen & plaster casts and microscopic identifications of oral tissues as well as common oral lesions.
- Identify pathologic conditions clinically & microscopically.
- Encourages students to participate in National events.

Research

The areas of research include mainly early diagnosis of oral cancer by detection and their management, radiological diagnosis of various maxillofacial pathologies.



Department of Public Health Dentistry

Public health dentistry is a branch of dentistry which deals with prevention of disease, prolonging life & promoting physical & mental efficiency through organised community efforts for the sanitation of the environment, the control of communicable infections, the education of individual in personal hygiene, the organisation.



Infrastructure & Activities:

The Department is situated on the fifth floor of the Dental College, it comprises of an Undergraduate clinic. We work with a mission to eliminate disparities in health status and access to Health Care Services, Promote Optimum Oral Health and prevent disease through research, training and preventive and curative services. Our Mobile Dental Unit (MDU) also helps in this endeavour of providing oral health care to the under served in the rural areas. The Department of Public Health Dentistry offers training, research and community health services through its various outdoor activities in form of dental camps; community based comprehensive medical care, mobile and satellite clinics apart from its regular indoor treatment facilities. Oral Health Information centre is also established in the department for displaying the work of students and staff members in educating the common people regarding oral health. Tobacco cessation awareness centre focuses on de-addiction of various tobacco habits. The departmental infrastructure is well-equipped to provide the treatment of the patients for preventive and comprehensive dental care.

The department is equipped with various dental models, charts and Audio-Visual aids and is presently being utilized for individual patient counselling and tobacco cessation program. Our Undergraduate (BDS) program starts with the fourth year BDS, where the students are trained through a strict and regular schedule of lectures, clinical postings and outreach camps

Facilities Available

- Equipped with State-of-the-art facilities for preventive procedures and patient counselling.
- Mobile dental care unit & satellite clinics in the city to provide oral health care to the underprivileged.
- Educate the public regarding importance of oral health and hygiene.
- Tobacco cessation centre to make the public de-addicted from tobacco smoking and chewing habits.
- In present session, approximately 4000 patients have been attended in village dental camps.
- In present session, approximately 5300 students have been attended in school and college dental camps.
- More than thousands of patients have been screened in the department for the same.
- Procedures like Fluoride Application, Pit and Fissure Sealants Application, Atraumatic Restorative Treatment and Preventive Resin Restorations are done for caries prevention in the Department itself.

Research:

Our Faculty members have National and International publications and have made various presentations in National conferences and CDE programs.

Activities Conducted

Various CDE and awareness and extracurricular activities are conducted throughout the year by the students and guest lectures and webinars by prominent senior doctors of the Dental and medical Sciences fraternity

- Dental and Medical Camp Conduction
- World Cancer Day
- Workshop on Medical Emergencies in a Dental Treatment
- Hepatitis B Vaccination Drive
- Blood Donation Camp in association with Mayanjali Blood Centre and IMA Blood Donation Centres
- Seminar organised on "how to counter depression as a student"
- World Dentists Day



DENTAL SCIENCES

Medical Departments

Pharmacology

The Department of Pharmacology as a part of teaching facility in the basic medical science for second year BDS students follows syllabus as per DCI norms comprising the faculty strength of 1 HoD, 1 senior lecturer. "A good physician has to be a good pharmacologist" pharmacology is the backbone of therapeutics. Pharmacology is the science of drug. It encompasses all aspects of knowledge about drugs. The objective of the department is to make the Undergraduate students familiar with the usage of drugs commonly prescribed in dentistry.

Pathology and Microbiology

The Department of Microbiology was established in the year 2006 as a part of teaching facility in the basic medical science for second year BDS students. Syllabus set according to DCI norms & implemented.

Faculty

It has faculty strength of 1 HoD, 1 senior lecturer apart from the academic work of teaching & training work of UG students, it extends its services in bringing out project activities in dental and basic sciences. The responsibility of reporting day to day diagnostic samples lies with the department to ensure prompt & equality reporting of for Maharana Pratap General Hospital & Maharana Pratap Dental College.

Diagnostic Lab

Specimen processing preparation of media, sterilisation of glasswares, and maintenance of stock culture, washing and decontamination are carried out on day to day basis. Documentation for SOP regarding maintenance of lab and equipments & SOP for test procedure and follow up in stock of raw materials prepared media and reagents including antibiotics disc is maintained. SOP is also maintained for cleaning & air sterility check in the containment area within the lab according to the norms of bio safety level 2. Filter air facility is available for specimen processing & project activities. Decontamination & washing of glassware is confined to a separate wash area facility.

Infrastructure

The department encompasses practical hall, which can accommodate 55 students at a time which is provided with individual workspace consisting of dispensing balance fractional weights, pestle mortar and pill tiles. Here the students learn how to prescribe medicines for different ailments and also learn about different drugs & their dosage form & treatment of various dental diseases.

Infrastructure

The department encompasses of students' practical hall & diagnostic lab. The student's practical lab has facility to carry out exercises individually for nearly 55 students at a time. Gas connection with burners, water tap connection with sink, provision for lighting facility for each individually microscope with separate hood are available as per DCI requirement norms. The practical hall is furnished with separate seating facility in the form of revolving stool for each student. There is a department library where reference volumes are stocked library also stores album made by students. The practical hall displays charts & model exhibiting the timeline, current trend & future project in microbiology for benefit of the students.





DENTAL SCIENCES

Medical Departments

Physiology and Biochemistry

The department is located on the spacious premises at centre for basic science MPDC, Kanpur in Uttar Pradesh. The department of Physiology has established set for itself High standards. Physiology department possess an experienced faculty involved in teaching program fulfilling the requirement of Undergraduates according to DCI Norms. We motivate students in teaching researches & encourage the active participation in extracurricular activities.

Key Features

- Uses the concepts of active learning & active involvement of students
- Best in class infrastructures
- Highly qualified teachers
- Curriculum is designed to facilitate students in pursuing higher education

Department of General Medicine

The 3rd year students are trained in the field of General Medicine. The Maharana Pratap Dental College has an exclusive department of General Medicine in the Dental Hospital Building. This General Medicine dept. caters the Medicinal needs of patients coming for Dental treatments and supportive care for all clinical departments. Students are trained and exposed to various Medicinal conditions. The department of general medicine also takes care of the admitted patient of the ward.

Human Anatomy Department

The department of human anatomy, cadaver dissection hall speaks about its rich and ancient lineage but with modern amenities. It has fully equipped demonstration rooms and research laboratories. Laboratories include Histology Lab, Cadaveric Skilled Lab and a Dissection Hall where students are taught about dissection. The department has fully functional sub specialties of Gross Anatomy, Imaging Anatomy, Neuroanatomy, Histology, Reproductive Biology, Teratology, Cytogenetics, Tissue Culture and Embryology.

Department of General Surgery

General Surgery department works to increase the pool of competent & skilled surgeons so as to cater the healthcare & educational needs of the rural & urban society. This department aims to provide surgical training as part of the curriculum to the students who are pursuing B.D.S. degree. Its major work is to carry out surgeries in order to treat and ameliorate the sufferings of those who need it. It lays emphasis on the need of good bedside manners and values of Doctor – Patient relationship to provide comprehensive surgical care. It also strives to provide an intellectually stimulating environment for the students to learn, practice and do research in the challenging field of surgery.

DENTAL SCIENCES

Infrastructure & Facilities



Labs

1. There are separate laboratories for each clinical and non-clinical specialty and can accommodate 100 students at a time.
2. There are 6 Medical and 5 Dental Labs within the dental building.
3. Clinics as well as labs are equipped with latest instruments and equipments.
4. Required safety measures have been taken to set up these laboratories in order to prevent accidents and radiation hazards etc.
5. All these equipments are subjected to preventive maintenance and calibrated regularly to ensure proper working for accurate results and their functioning.

Other facilities

1. Proper Dental check-up & treatment regarding the various ailments in the Oral Cavity.
2. Provision for various X-Rays, OPG's, Cephalometry, RVGs to conduct fast and accurate conclusions to treatment planning.
3. Fixed and Removable Prosthodontic Treatment for correction of aesthetics and making the patient dentulous.
4. Fixed & Removable Orthodontic Treatment for correction of various dento facial abnormalities like deep bite, misalignment of teeth etc.
5. Proper Oral & Maxillofacial Treatments and Surgeries done by an elite panel of surgeons.
6. Treatment of Periodontics related problems such as Flap Surgeries, Frenectomy, Smile Line Corrections, Vestibulectomy etc.
7. Proper aesthetic treatment provided in the Endodontic department.
8. All road traffic accidents are diagnosed and treated in the Hospital that is present in the campus.

Lecture Halls

- There are 4 lecture halls with adequate space to accommodate 100 students at a time.
- Modern amenities like LCD Projectors, OHP projectors, Audio Visual Devices with mike & speaker facilities are also installed.
- Special attention has been given to the designing of the hall so as to ensure that the display screens are visible even from the last bench of the room.

DENTAL SCIENCES

Acitivities



The Dental OPD & Camps

As the College is situated in the vicinity of rural areas, there is an abundance of patients being diagnosed in the Dental OPD. At a daily average, the dental OPD plays host to more than 100-150 patients who are diagnosed and treated according to their needs. Owing to the unawareness regarding the importance of dental treatment there are many patients who are diagnosed with precancerous and cancerous lesions. The students are made aware of the features of such abnormalities in the mouth and other related body parts. They are seriously attended to and are properly treated according to the condition required.

The college also organises Dental and Medical Camps in the rural as well as the city areas. There have been many camps (Dhankutti, IMA Hall, Expressway Road, Bhargava Estate, Nariyal Bazaar) that have been held on a grand scale which had many eminent personalities of the region attending to increase interest among the people. Many School Dental Health Education Programmes have been organised by the college. Camps were also organised in collaboration with Colgate India in the rural areas as far as 100 km from the Dental College and they all witnessed an excellent turnout.

World Cancer Day

World Cancer day was celebrated in the college campus. On this occasion 'Oral Cancer Detection Centre' was inaugurated by Hon'ble Chief Guest Dr. V. N. Tripathi, DGME, Uttar Pradesh. A march past was also organised in the campus in which all faculty members, dental students & interns actively participated to make people aware of the ill effects of tobacco use.

Workshop on 'Medical Emergencies in a Dental Treatment'

A workshop on 'Medical Emergencies in a Dental Treatment' was conducted on 19.12.19 in the college. Taking over the stage for inauguration and speech on anti-ragging will be Hon'ble Chief Guest Dr. S. K. Katharia, Committee member of Dental Council of India.

Hepatitis B Vaccination Drive

Hepatitis B vaccination camp was conducted in the department of Public Health Dentistry on 2nd & 3rd March 2019, in which more than 1000 people were vaccinated including faculty members, students, interns, staff members & workers.

DENTAL



Renowned Gynaecologist Dr Kiran Pandey being ciliated by MPDC



A still from inaugural ceremony of Dental Implant Clinic at MPDC



Anti Ragging Awareness organised by MPDC



Invited talk by Dr Chandresh Shukla on Basic CPR techniques



Dental students attending conference graced by Hon Vice President of India



Dr Kiran Pandey delivering lecture on Menstrual hygiene for the students



Anti Ragging Awareness lecture by Dr B Rajkumar and Dr D Arunagiri

DENTAL



Our dental students at work at MPDC



A Dental camp in process with a patient seen in the dental van



A still of hand on workshop on dental implants by renowned doctor Prof Dr Prashant Bhasin representing corporate giant 3M



Department of Pathology and Microbiology at MPDC



Dental Implants workshop on by Prof Dr Kumar Ranjan from 3M



Digital OPG Unit at Department of Radiology, MPDC

DENTAL



Dental students during a free health camp organised at MPGI campus



Blood donation camp organised by the college



Holi enjoyed by students at MPDC



Girls looking pretty and dressed for the Fresher's party



Dental students at the clinic at MPDC



Dental students practicing in the clinic at MPDC

NURSING & PHYSIOTHERAPY

BSc NURSING

4 YEARS

Minimum age of 17 years on 31st December of the year in which admission is sought and 10+2 class passed with Science (PCB) & English Core/English Elective with aggregate of 45% marks from recognized board.

ANM

2 YEARS

Minimum age of 17 years and maximum is 35 years on or before 31st December of the year in which admission is sought. Also, Passed 10+2 in Arts (Mathematics, Physics, Chemistry, Biology, Biotechnology, Economics, Political Science, History, Geography, Business Studies, Accountancy, Home Science, Sociology, Psychology, and Philosophy) and English Core/English Elective or Science or Health care Science - Vocational stream ONLY from recognized Board. (Only for female candidates)

GNM

3 YEARS

Minimum age for admission will be 17 years, (as on 31st December of that year) The upper age limit is 35 yrs. Should have passed 10+2 with English and must have obtained a minimum of 40% at the qualifying examination and English individually from any recognized board. Also, One can be 10+2 pass with English having 40% of marks in vocational ANM course from the school recognized by Indian Nursing council. One can apply if they have registered ANM with passing marks.

BPT

4.5 YEARS

10+2 in Science (Biology) passed with minimum of 50% marks in Physics, Chemistry & Biology (45% for SC/ST)

DPT

2 YEARS

10+2 with minimum 50% marks in aggregate with Science subjects.



Approving/ Affiliations Authorities



State Medical
Faculty U.P.



Atal Bihari Vajpayee
Medical University U.P.



Indian Nursing
Council



The Nursing wing of MPGI comprises of:

Maharana Pratap College of Nursing and Paramedical Sciences

B.Sc. Nursing

Diploma in general Nursing & Midwifery (GNM)

Auxiliary Nurse & Midwifery (Female)

NURSING

Maharana Pratap College of Nursing and Paramedical Services is built over an area of 50 acres, surrounded by landscapes, manicured gardens and open spaces. It is a natural progression for one of the leading groups of Uttar Pradesh – Maharana Pratap Group of Institutions (MPGI). MPGI already has a presence in the area of Engineering, Management, Polytechnic, Pharmacy and Dentistry. It has stood the test of time and has continued churning out professionals in all fields, since 1995.

MPCN&PS is situated within the Health Science Campus in a separate building with excellent laboratory and classroom facilities. We are committed to the noble profession of Nursing, wherein, setting standards for professionalism, excellence and integrity. Class room teaching is made effective by the use of modern educational technology. Apart from the practical training in the laboratories, students get exposed to a wide variety of clinical conditions in the parent hospital, Maharana Pratap Hospital, which is a 100 bed fully functional hospital offering premium health care. We take pride in keeping ourselves in tune with the latest in the industry to ensure that the students who step out are abreast of the industry in all respects.

Vision:

To honor the noble profession of Nursing and ensure to provide compassionate, dedicated and fiercely competent Nursing staff to the society.

Mission:

- To provide highest academic integrity coupled with a commitment for upright competency to ensure a compassionate workforce of Nurses who believe in overall wellness.
- To ensure the constant upskilling of the students so as to keep them updated with the global perspectives towards the health industry.



NURSING

B.Sc. Nursing

Course established in 2019

Bsc Nursing is a Graduate-level course and covers all the important aspects of Nursing. The course is aimed at imparting thorough knowledge the know-how basics of the profession. As it directly involves in taking care of patients, thus the course has to be rigorous.



Future Global Scope of Pharmacy

The 'Bachelors Degree prepares nurses for a wide variety of professional roles and Graduate study. Course work includes Nursing Science, Research, Leadership, and related areas that inform the practice of Nursing. It also provides the student with general education in Math, Humanities and Social Sciences. An Undergraduate Degree affords opportunities for greater career advancement and higher salary options. It is often a prerequisite for Teaching, Administrative, Consulting and Research roles.

Career Opportunities:

- Nurse
- Home Care Nurse
- Nursing Assistant
- Nurse - Nursery School
- Junior Psychiatric Nurse
- Ward Nurse & Infection Control Nurse
- Nursing Assist Supervisor
- Nursing Tutor
- Nursing Educator
- Nurse & Patient Educator
- Nurse Manager



Auxiliary Nursery Midwifery (ANM)

Course established in 2020

ANM is a Diploma course which focuses on the study of health care of various individuals. It also taught about how to take care of equipment, setting up of Operation Theater, provide medication timely to patient and maintain records.

ANM course trains the students & make them capable to work as basic health workers. ANM Graduates main focus is given towards the treatment of children, women & old age people.

Career Opportunities:

- Government Hospitals
- Dispensaries
- Community Health Centers
- NGO'S
- Old Age Homes
- Rural Health Care Centers
- Government Health Schemes
- Health Clinics

General Nursing and Midwifery (GNM)

Course established in 2021

Seat Intake: 50

GNM is a three-year and six-month diploma course designed for aspirants who want to pursue a career in clinical nursing. The programme teaches candidates how to care for individuals who are sick or have been injured in order to help them attain full recovery. After effective consummation of the GNM course, the understudy will be tilted as 'Medical caretaker'. After successfully completing the course, the candidates are able to determine the nursing needs of patients of all ages and are prepared to provide appropriate care. They are able to apply knowledge from the humanities, biological and behavioral sciences in functioning as a nurse.

Career Opportunities:

- Registered Nurse
- Nursing Tutor
- Certified Nursing Assistance
- Senior Nursing Assistance
- Home Care Nurse
- Clinical Nurse
- Assistant Nurse
- ICU Nurse
- Teacher in Nursing School
- Forensic Nurse
- Travelling Nurse
- Community Health Nurse

NURSING

Department

All departments of Nursing are committed to excellence in teaching, research and service learning. The nursing education emphasizes the importance of maintaining the highest professional standards in patient care. The departments function for an all-round development of the students through the balanced blend of curricular and extracurricular activities.

The College of Nursing is structured into five major academic departments mentioned herewith.



Fundamentals of Nursing

The Department of Fundamentals of Nursing is involved to give training and practice to the Undergraduate nursing students in the development of clinical bedside and comprehensive care skills. Undergraduate students are equipped to provide comprehensive nursing care to patients in pre-clinical laboratory before they are exposed to real hospital situations. The main aim of the department is to mould the beginners with the right attitude towards nursing profession. We provide a perfect base for first year BSc students through quality education. Apart from their academic commitments the department conducts various outreach programmes and workshops for the added knowledge for the students.



Child Health Nursing Department

This Department focuses on children nursing care, both normal and sick. The objective of the course is to prepare students to identify the normal growth and development of children and whatever is the deviation from the normal, thus give comprehensive nursing knowledge to ensure care to children suffering from various diseases. Special emphasis is given to Embryology, Genetics, Psychology, Paediatric Medications, Surgery, Nutrition, and Growth and Development.

To further develop the competency of the students, they are given clinical experience in paediatric medical and surgical wards apart from theory classes. The students also have the privilege of becoming familiar with the most sophisticated equipment and technology related to client care, especially in our Paediatric Cardiology, Paediatric Cardiac Surgery Units, Paediatric Neurology, Gastroenterology and Adolescent Medicine.

NURSING

Department



Community Health Nursing

The Department of Community Health Nursing prepares the students to meet the ever-changing challenges of society. The course orients the students to the concepts of good health and well-being and focuses on the families in the community and population groups with health risks. The students are provided practical experiences with increased interactions with the local community in the neighbouring surroundings by way of free health camps organised for them. The students identify and solve health problems in the community through innovative and cost-effective strategies of primary health care.

Furthermore, our college ensures for participation in various National Health Programmes and an array of guided observation visits to various locations of public health importance. The Department regularly organises Household Surveys, Health Projects, Mass Campaigns, Home Visits, Health Care Programs, School Health Programs, Special Clinics, etc. in the surrounding villages.

Such practical methods and awareness campaigns, exhibitions, and health education activities organised in the villages train the students to effectively interact with the community on health topics.



Obstetric and Gynaecological Nursing

This Department emphasises on women care during the childbearing years. The scope of practice includes reproductive child health, care during pregnancy, labour and puerperium including condition of normal deliveries, family welfare, and care of women with Gynaecological problems. The course in Obstetric and Gynaecologic Nursing prepare the students with the knowledge, skill and attitude to function as nurse midwives. The theory and practical learning experience provided in the subject equip them to provide comprehensive care to the normal and high-risk mothers during antenatal and postnatal period, including the care of new-borns.

The prospective nurses are given clinical experience in the antenatal and postnatal wards, out-patient departments, labour room, Gynaecology operation theatre and Gynaecology wards under the guidance of specialised faculty.

Nutrition Department

The Department of Nutrition Sciences is paving the way for future well-being in the hands of our prospective nurses. The Department prepares students to work in the area of community health and well-being keeping in minds the nutritional requirements of people. We are what we eat, and this truth stands firmly, especially in India where majority of diseases and chronic illnesses are due to nutritional deficiencies and malnutrition.

NURSING VISITS

Amul Milk Plant

The educational visit is intended to give information regarding methods of preparation of various milk products, pasteurization, preservation of nutrients of milk products and dietary values of different milk products. After the visit, students will prepare a visit report of the milk plant. This field trip to the milk plant helped the students in a practical understanding of the concepts of nutrition.



Water Purification Plant

Through this educational visit, students got significant and extremely useful information regarding various methods of removing contaminants from wastewater and household sewage, both runoffs, effluents, domestic, commercial and institutional.

It includes physical, chemical, and biological processes to remove physical, chemical and biological contaminants. Students understood which harmful contaminants are usually present in wastewater, which can be removed through different processes of water treatment so that the water can be safe for use for human consumption.



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NURSING



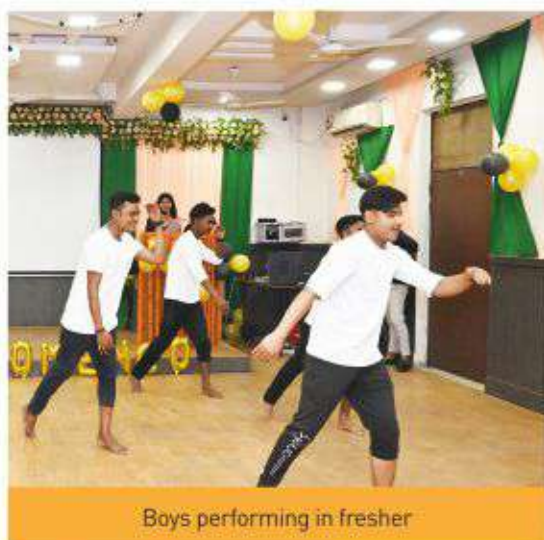
Nursing Oath Ceremony



Boys in ramp walk



Style Diva of Nursing



Boys performing in fresher



Girls showcasing their talent

AYURVEDIC SCIENCE

BAMS

REGULAR ENTRY:

4 YEARS

It is mandatory for aspirants to fulfill certain eligibility conditions to get admission to the BAMS course. Some basic BAMS eligibility criteria are mentioned below.

Candidates are required to pass Class 12 or equivalent examination with science subjects (Physics, Chemistry and Biology) and English core in both Class 11 and 12 from a recognised board.

He/she should have completed the age of 17 years at the time of admission.

An aspirant from the general category needs to secure an aggregate of 50 per cent in their Class 12 Board examination. While, for SC/ST/OBC candidates, the qualifying percentage is 40 per cent.

Candidates need to have qualified NEET by securing a minimum qualifying cutoff percentile to get admission to BAMS course

AYURVEDA

Ayurveda is gaining importance across the whole world as the World is moving away from chemicals and toxic ways of handling medical treatments. Ayurveda is one of the world's holistic healing systems which goes back to over 5000 years old. The treatments are based on the idea that human health and vitality are directly linked to how well their three doshas (Vata, Pitta, and Kapha) are balanced within the bodies. This equilibrium is maintained in Ayurveda through herbal medications and Yogic practices.

Future Scope

Ayurveda's use in healthcare and medicine is expected to keep growing at a steady rate in the future. The global market for Ayurvedic medicine is expected to reach \$9 billion by 2023, based on a report from Allied Market Research. The market is expected to grow at a compound annual growth rate (CAGR) of 8.4% from 2016 to 2022. A report from the Ministry of Ayurveda, Yoga, and Naturopathy, Unani, Siddha, and Homoeopathy (AYUSH) says that the Ayurvedic healthcare sector in India is worth around \$3 billion and is expected to reach \$9 billion by 2023.

According to forecasts, the Ayurvedic market size is expected to reach multimillion USD by 2026, exhibiting an unexpected CAGR during the period from 2023 to 2026.

About Maharana Pratap Ayurvedic Medical College (MPAMC)

Maharana Pratap Ayurvedic Hospital was established in the year 2021 on the banks of holy river Ganga at Bithoor, Kanpur, UP. Maharana Pratap Ayurvedic Medical College (MPAMC) is situated in the surroundings of lush green nature and rich properties, which are ideal for nurturing and flourishing Ayurveda education. Kanpur is famous for its cultivation of medicinal flora and medicinal herbs, which provides an ideal platform for students to learn Ayurveda. The eco-friendly environment of the college campus is spread over 5 acres. It is well equipped with all the facilities like Library, Practical Lab, Pharmacy, Herbal Garden, Hospital and all other requirements as per the directions of CHHPAID.



Courses Offered:

UG courses

Bachelor of Ayurvedic Medicine and Surgery (BAMS)

Hospital Working time:

Week Days - 8 AM to 4 PM (OPD Consultation)

Sunday - Emergency OPD only (9 AM to 2 PM)

Activities

Kayachikitsa (General Medicine)

Kaya Chikitsa is one among the 8 branches of Ayurveda. 'Kaya' refers to the 'Body' and 'Chikitsa' means treatment, which is referred to general medicine in Ayurveda. However, the process of treatment varies for each individual through personalized treatment, as per Ayurveda.

Panchakarma (Ayurvedic therapy)

Panchakarma is the purification therapy used in Ayurvedic medicine. The word "Panchakarma" means five actions and refers to five procedures intended to intensively cleanse and restore balance to the body, mind, and emotions. These 5 therapeutic treatments are: Vamana, Virechana, Nasya, Basti and Raktamokshana.

Kumar Bhritya (Pediatrics)

In Ayurvedic texts 'Kaumar' word means a child 0 up to the age of 16, and 'Bhritya' means child care. So the subject 'Kaumar Bhritya' deals with child care both preventive as well as curative. Our Acharyas believed that care given during this age group is the backbone for a person's whole life, which is why the facts and Clinical knowledge contained in those texts are gaining popularity day by day.

Stree Rog Vigyan & Prasuti Tantra (Gynecology and Obstetrics)

This Department deals with various diseases and topics in the field of Gynecology both Ayurvedic and Modern aspects. All female-related medical issues are successfully treated with herbal Ayurvedic Medicines. These treatments give much better results than hormonal treatments.

Facilities Available

- Panchakarma Medical Unit
- NICU
- Shalakya OT
- Labor room
- refraction box
- Ksharasutra
- Short OT
- Headache
- Yoga Therapy Center
- Pathology Lab
- Radiological Unit
- Electrocardiography
- Sweat box
- Pulse sweat machine
- Trough
- Vomiting table
- Physiotherapy Unit
- Vertical unit
- Aquaculture
- Agni Karma

Shalya Tantra (Surgery)

Shalya Tantra is the branch that deals with diseases or disorders which require surgical treatment. Acharya Sushrut has written 'Sushrut Samhita' - which forms the main base of Ayurvedic Surgical knowledge which is beneficial and practicable today.

Shalakya Tantra (Ophthalmology & ENT)

Ayurveda is broadly classified into 8 parts called as Astanga Ayurveda. Shalakya Tantra is one part of Ashtanga Ayurveda that deals with the diseases of Urdhav-jatru i.e. body above the clavicle. It mainly deals with the diseases of eyes, mouth, nose etc. To treat these diseases Shalaka (Probe) is used, thus the procedure is called 'Shalakya Tantra'.

Swasthavritta (Yoga and Naturopathy)

Swasthavritta deals with the first and prime motto of Ayurved i.e. Swasthasya swaasthaya Rakshanam. This subject gives the knowledge of personal hygiene and public health, Yoga, Naturopathy, Health policies, Medical emergency (accident), etc.

Facilities at MPAMC, Bithoor

Pharmacy

Our hospital has a well-equipped pharmacy with all essential Ayurvedic products.

Herbal Garden

Well-irrigated land with treated water is maintained for the herbal garden. Medicinal herbs are an integral part of Ayurvedic education. Maharana Pratap Ayurvedic Hospital has its own herbal garden, with more than 800 species of Ayurvedic herbs.

Preparation of Medicines

According to the requirement for ongoing treatments, there is a modern and wide scope for preparing organic, clean medicines according to the rules.

Operation Theaters (Minor & Major)

Well-equipped unique infrastructure is available with integrated facilities, where various surgical procedures are practiced for best results.

Library

The facility has 2500 Ayurveda books and 827 modern books.

Hostel Facility

Individual hostels are available for both girls and boys with proper ventilation, attached washroom, proper lighting, wardrobe, bed, table, chair and mess facility with delicious food.



Our Panchakarma Center

The Panchakarma unit is the soul of our hospital. The Panchakarma department has state-of-the-art equipment and is set up for the ideal treatment and comfort of the patients. Authentic Ayurveda procedures are followed.

Panchakarma is a five-fold purification therapy of the body, which includes the following five procedures –

- Vamana Karma - therapeutic emesis
- Virechana Karma - Medical Purgation
- Niruha Basti - Therapeutic enema with decoction
- Anavasana Basti - Therapeutic Enema with Medicated Oils
- Nasya Karma - Nasal medicine

Other procedures that are successfully performed are-

- Head stream
- Shirobasti
- Axis Tarpan
- Hurd Basti
- All section
- Kati Vasti
- Yuriva Vasti
- Janu Vasti
- Emergence
- Sixth Body Swed
- Patra Pinda Swed
- Sarvaang abhyanga swedana

Special Highlights

- Panchakarma detoxification
- Chemical Rejuvenation Therapy
- Stress management
- Vasant Vaman
- Migraine
- Anti obesity camp
- Leech therapy

Swarna Prashan Unit @ MPAMC

Swarna Prashana is one of sixteen samskaras mentioned in ancient texts for pediatrics. It is a unique method to build long-lasting health and intellect naturally without leaving any harmful side effects. Swarna prashana is a unique method of giving swarna bhasma (gold ash) mixed with honey and ghee that is fortified with arka, an herbal extracts like vacha, brahmi, shankupushpi, etc. to children orally.

This process promotes overall growth in a natural way. Due to its broader benefits, it is not only useful for normal children, it's much more beneficial for children with special needs such as autism, learning difficulties, attention deficit disorder, hyperactivity, delayed milestones, etc.

Special Clinic @ MPAMC

- Parkinson's Clinic
- Cancer Clinic
- Liver Clinic
- Male and Female Infertility Clinic

Special OPD on Nadi Pariksha

- Nature Test
- Diet Counseling
- Deformity Therapy



TRAINING AND PLACEMENT

PACE : PROGRAM FOR ADVANCEMENT OF CORPORATE EMPLOYABILITY

→ Our Training and Finishing Cell

PLACEMENT DEPARTMENT

- I. Our statistics and Top placements.
- ii. Sector-wise Placements
- iii. Testimonials and Image Gallery



P.A.C.E. : THE TRAINING AND PLACEMENT DEPARTMENT

Program for Advancement of Corporate Employability

...Be Industry Ready

We at MPGI pride ourselves with understanding the nuances of struggles faced by the corporates. Human resource has and always will remain the backbone of any organization and all the efforts of any human resource department is on hiring the right talent or dealing with high levels of attrition.

Training and Placement Cell is to guide students to choose right career and to give knowledge, skill, and aptitude and meet the manpower requirements of the Industry.

- To assist students to develop/clarify their academic and career interests, and their short and long-term goals through individual counseling and group sessions.
- Maintaining and regularly updating the database of students. Maintaining database of companies and establishing strategic links for campus recruitments.
- Gathering information about job fairs and all relevant recruitment advertisements.
- Coordinating with companies to learn about their requirements and recruitment procedures
- Identifying the needs and expectations of the companies to assist them in recruiting the most suitable candidates.
- Organizing pre-placement Training/Workshops/ Seminars for students.
- Arranging periodic meetings with Human Resources Department of companies and TPO's to promote recruitments.
- To assist students for industrial training at the end of the fourth and sixth semester.
- To provide resources and activities to facilitate the career planning process.
- To act as a link between students, alumni, and the employment community.
- To assist students in obtaining placement in reputed companies.

Today is a perfect day to begin!

Our Training Processes

The industry is always on the lookout for students who are vibrant, energetic individuals and ready to accept challenges, attentive, a good academic background, fast learners, open to learning even at work and more importantly, good communication skills.

This activity focuses on the personality development to make the students reliable, with a positive attitude and right decision making.

- Guiding for preparation.
- Arranging Mock Interviews.
- Conducting weekly Aptitude Tests, Technical Tests.

Our training partners



TRAINING CELL

Skill Development

Soft Skills List – People Skills

People Skills address how to best interact and work with others so you can build meaningful work relationships, influence others perception about you and your work, and motivate their actions.

Soft Skills:

For a skill to be considered a soft skill, it needs to have three characteristics.

1. Rules for Mastering this Skill is Not Black and White – Unlike hard skills, like Math, where the rule for doing it perfectly is always the same, how effective you are at a soft skill changes depends on your emotional state, external circumstance, and the type of people you interact with.
2. This Skill is Portable and Valuable to any Job/Career – Because soft skills are about your inner strength and interpersonal effectiveness, as long as you work with people, these skills are valuable to your career.
3. Mastering this Skill is an Ongoing Journey – You can reach a level of competency in it, but you can always encounter new situations or people that will test your soft skills and push you to learn more.

Some define soft skills as those that are “difficult to measure” and others define soft skills as “skills which characterise relationships with other people, or which are about how you approach life and work.” There is however, one common set of skills missing in most is the definition of soft skills. Most focus soft skills on people skills – how effective we are in working with others. This is absolutely important. However, what you must also master to accelerate success are self-management skills. These are skills that help you manage your relationship with yourself – Your inner dialogue.

1. **Communication Skills** – Being able to actively listen to others and articulate your ideas in writing and verbally to any audience in a way where you are heard, and you achieve the goals you intended with that communication. This also includes language skills if the spoken language at work is your second language.
2. **Teamwork Skills** – Being able to work effectively with anyone with different skill sets, personalities, work styles, or motivation level to achieve a better team result.
3. **Interpersonal Relationship Skills** – Effective at building trust, finding common ground, having emotional empathy, and ultimately building good relationships with people at work and in your network. Also referred as Social Skills, this skill is closely related to Communication Skills. It doesn't matter how smart you are, you must have social graces in order to get far in your career. As Maya Angelou said “I have learned people will forget what you said. People will forget what you did, but people will never forget how you make them feel.”
4. **Presentation Skills** – Effectively presenting your work results and ideas formally to an audience that captivates their attention, engage their input, and motivates them to act in accordance to your desired outcome. While presentation skills are a form of communication skills, it is advisable to list it separately given the ability to present which plays a huge role in any Business profession as you move up in your career.
5. **Meeting Management Skills** – Leading a meeting to efficiently and effectively reach productive results. At least 50% of meetings today are a waste of time.

TRAINING CELL

Skill Development

Soft Skills List – People Skills

3 in 4

employees see effective communication as the number one leadership attribute

29%

of employees says that poor internal communication is the reason way projects fail

63%

of millennials feel their leadership skills are not being developed

4.37

Managers rate the importance of having good interpersonal skills On a scale from 1 to 5

6. **Facilitating Skills** – Being able to coordinate and solicit well represented opinions and feedback from a group with diverse perspectives to reach the best solution, mutually.
7. **Selling Skills** – Building buy-in to an idea, a decision, a product, or a service. This is not just for people in sales.
8. **Management Skills** – Creating and motivating a high performing team with people of varied skills, personalities, motivations, and work styles.
9. **Leadership Skills** – Defining and communicating vision and ideas that inspire others to follow with commitment and dedication.
10. **Mentoring / Coaching Skills** – Providing constructive wisdom, guidance, and/or feedback that can help others further their career development
11. **Managing Upwards** – Pro actively managing your relationship with your boss, his expectations of your work, and his perception of your performance. Whether you are challenged, given opportunities, or recognized at work heavily depends on your ability to communicate, manage expectations, and build a good relationship with your boss.
12. **Self-promotion Skills** – Pro actively and subtly promoting your skills and work results to people of power or influence in your organization and network. It is not enough that your boss knows you do great work. You need to subtly build your reputation with all key people that can influence your performance review. This is because hard work alone does not guarantee success.
13. **Skills in Dealing with Difficult Personalities** – Being able to still achieve the work result needed while working with someone whom you find difficult.
14. **Skills in Dealing with Difficult/Unexpected Situations** – Being able to stay calm and still are effective when faced with an unexpected or difficult situation. This includes being able to think on your feet and articulate thoughts in an organized manner even when you are not prepared for the discussion or situation you are in.
15. **Savvy in Handling Office Politics** – Being able to understand and pro actively deal with the unspoken nuances of office and people dynamics so you can protect yourself from unfairness as well as further your career. Office politics is a fact of life. If you don't choose to play, it can play you.
16. **Influence/Persuasion Skills** – Being able to influence perspectives or decision making but still have the people you influence think they made up their own minds.
17. **Negotiation Skills** – Being able to understand the other side's motivations and leverage and reach a win-win resolution that you find favorably, satisfies both sides, and maintains relationships for future interactions.
18. **Networking Skills** – Being able to be interesting and interested in business conversations that motivates people to want to be in your network. The bigger and stronger the network you have, the more easily you can get things done [e.g., find a job, get advice, find business partners, find customers, etc...]

TRAINING CELL

Skill Development

Apart from the Technical Training, Generic Training is also imparted to the students starting from first year which includes the following:

Aptitude Training

- **Quantitative Aptitude:** Quantitative Aptitude evaluates numerical ability and problem-solving skills of candidates. This test forms the major part of a number of important entrance exams for different fields.
- **Reasoning:** Two kinds of Logical Reasoning can be distinguished in addition to formal deduction: induction and abduction. Given a precondition or premise, a conclusion or logical consequence and a rule or material conditional that implies the conclusion given the precondition, one can explain the following.
- **Verbal Ability:** Verbal Reasoning is understanding and reasoning using concepts framed in words. It aims at evaluating ability to think constructively, rather than at simple fluency or vocabulary recognition.

Personality Development:

Personality is the collective exposure of personal character traits of an individual which can be his thought pattern, feelings, and emotional exuberance. Psychology treats Personality Development as an ongoing and dynamic process which is largely impacted by the atmosphere. The evaluating factors of personality are Neuroticism, Openness to Experience, Extraversion, Agreeableness, and Conscientiousness.

OUR ASSESSMENT PARTNER

Skill Development

To keep our students in tune with the industry requirements, we at MPGI have always insisted on getting our students assessed by third parties to ensure they are groomed and trained as per employability, thus increasing their chances to excel in the real world.

SHL

Their flagship product AMCAT, is the world's most widely-taken employability test helping over two million candidates find the 'right' jobs every year. They have operations in US, China, India, Middle East, Philippines and Sub-Saharan Africa. More than 1100+ universities use AMCAT every year to enable feedback and job credentials for their students. Career offices rate AMCAT 8.26 on usefulness to students. Aspiring Minds evaluates over 5,000,000 candidates annually, has over 3,000 clients globally out of which over 100 are Fortune-500 corporates.

CoCubes
An Aon Company

CoCubes is India's leading assessment and hiring platform. They run assessments to measure employability across all domains and works with 600+ corporate clients to execute entry level and lateral assessments. They run 2 million+ assessments each year in 350+ cities; thus, everyday helping many of institutions as us to measure and improve employability and helping candidates move ahead on their career path.

Firstnaukri.com
A job site for campus hiring

First Naukri.com is a naukri.com group portal and is one of the biggest job search networks for college students and recent graduates. The site is exclusively targeted towards entry level hiring. Maintaining the largest database of colleges and students across various courses in India, it brings relevant employers and prospective students in touch with each other. For fresh graduates, the site offers help to build the perfect CV, tips on personal grooming, and advice on how to present oneself to the perspective employer, thus making the job search simple and easier. Over 5000 employers have used Firstnaukri for their fresher hiring requirement.

TECHNICAL TRAINING

Computer Science

Our Training Technology



Competitive Platform For Coding



Pharmacy

Our training partners



TRAINING CELL

Academic Collaboration



INTERNATIONAL BUSINESS MACHINES CORPORATION

MPGI and IBM has signed MOU to provide faculties and students an access to the latest technologies, IBM softwares, hardware, course content, training and technical supports by means of certified training programs.



CISCO SYSTEMS, INC.

Our MOU with CISCO provides a comprehensive e-learning program to develop the internet technology skills, including web based content, hands-on-labs, instructor training and preparation for industry standards certifications.



MPGI SIGNS MOU WITH IIT KANPUR FOR VIRTUAL LABS

Virtual Labs do not require any additional infra structural setup for conducting experiments at user premises. The simulations-based experiments can be accessed remotely via internet.



GRANT THORNTON

MPGI, has solidified its commitment to academic excellence by signing an MOU with Grant Thornton. Grant Thornton Bharat is one of the preeminent Indian professional services firms and offers end-to-end solutions for a business lifecycle. Through its people over profit focus, client centricity and impact on the ecosystems, its sector-first approach and services spanning Assurance, Tax, Advisory, Technology and Consulting, this collaboration paves the way for an integrated the Association of Chartered Certified Accountants (ACCA) certification program which we provide as an undergraduate BBA course. Through this partnership, students can seamlessly blend theoretical knowledge with practical skills, enhancing their employability and career prospects.



AMAZON WEB SERVICES

A subsidiary of Amazon, AWS provides on-demand cloud computing platforms and APIs to individuals, companies and governments and would provide certification to MPGI in AWS Foundations, AWS Architecting, AWS Operations and AWS Developers.



NATIONAL PROGRAMME OF TECHNOLOGY ENHANCED LEARNING

We at MPGI are the proud Nodal Center of NPTEL, a project of MHRD, Govt. of India and run by IITs & IISC. This Platform provides students with ample opportunities to gain the knowledge beyond academics and textbooks.



BIOINFORMATICS INSTITUTE OF INDIA, NOIDA

BII is a 17 year old premier institute and imparting education in the field of Bio informatics and Biotechnology, Regulatory Affairs in Life Sciences and Pharmaceutical Sciences. They will offer course development, teaching assistance and training in the field of Clinical Research, Pharmacovigilance, Medical Writing and Coding, Regulatory Affairs, Clinical Data Management and Intellectual Property Rights.



MOBILOITTE

MPGI takes a significant stride towards fostering cutting-edge education by partnering with MobiLoitte Technologies Pvt Ltd. MobiLoitte is a Premier Fullstack Custom Software Development Company with a special focus on Security, Scale and Performance. This MOU promises hands-on training in emerging technologies such as IoT, Artificial Intelligence, Machine Learning, Blockchain, and Metaverse.

TRAINING CELL

Academic Collaboration



INSTITUTE OF CLINICAL RESEARCH INDIA

ICRI is the primary institute to offer the clinical research and Health care management programs in India. MPGI has collaborated with them to offer Industry Certified courses to pharma students in the fields of Clinical Research, Hospital Administration and Clinical Data Training program.



MMS ACADEMY MICHIGAN, USA

MMSU is the educational division of MMS, an established, reputed and a fast growing global communication company. They will provide Industry Certified courses to pharma students in the field of Medical Writing I & II, Medical Coding and Clinical Trial Disclosures.



SYSTEMS, APPLICATIONS & PRODUCTS IN DATA PROCESSING

MPGI has Integrated SAP into the BTech and BCA curriculum and it offers students a pathway to success in today's technology-driven world. By gaining expertise in SAP modules, accessing cloud learning content, participating in ILT-classroom training, obtaining live server access, staying updated with SAP new technologies, and earning certifications, students can unlock a wealth of career opportunities and embark on a fulfilling journey towards professional excellence.



ICT ACADEMY (IIT KANPUR)

It is an effort of MPGI to narrow the gap between the academic approaches to Electronics & ICT domains and adopt the practically oriented approach as demanded by the industry.

TRAINING CELL

Industrial Collaboration



"Our students are trained by the experts of our collaborators time to time for a better exposure of real world of work Paradigm shift in engineering is making it important to have the knowledge of recent trends such as Artificial Intelligence, Machine Learning, Automation etc is provided to our students with real industrial training and visits"

AWAKENING SERIES

These series involve the sessions on diverse subjects like, "Leadership Skills, Corporate Etiquettes, practicing teamwork" by top notch professionals from the industry in order to bridge the gap between the industry and academia.



Mr. ASHISH BHALLA, Director HR,
Head - India Campus Relations - HCL Tech



Mr. SN RAO, Lead Campus Recruitment -
India subcontinent - Philips



Mr. SUMIT PREMI, Associate Director-HR,
Flipkart



Mr. SACHIN SHARMA, Senior Vice President
& National Manager - AU Small Finance Bank



Mr. AMIT PANDEY, COO, Pincap,
Tedex Speaker



Mr. VENKATESH NEELAM, Principal Talent
Advisor- Atlassian



Ms. BHARGAVI P SIRDDESHPANDE,
Head HR - Viresco



Ms. POOJA UMESH, Global Head HR
Ainfiaero



Mr. JOSHUA DAVID,
India Campus Lead

KNOWLEDGE SERIES

These series involve the academicians from reputed universities and colleges like IITs, NITs, HBTI, MNIT who have contributed to the development of the nation in terms of technological advancements to help our students gain an insight into the innovation thereby increasing awareness amongst the youth.



Mr. RAMIT TYAGI, Director Talent Acquisition UKG
(Ultimate Kronos Group)



Mr. RAJEEV SHARMA, Associate Vice President
JBM Group



Mr. ATISH BHATTACHARYA, Head- Human Resources &
Administration (Okaya & Mtek)



Mr. RAJNEESH TOMAR,
Head Of Human Resources, Bikano Group



Mr. AMIT SETHI, Co-Founder & Director
TechnoraFT & raFT Consulting Services Pvt. Ltd.



Ms. PAYAL ARORA, AGM Talent Acquisition
Jindal Steel & Power Ltd.



Mr. GURPREET SINGH, Senior Manager HR
Sopra Steria



Mr. KUSHAGRA KACKER, Associate Director - Program &
Project Management at LTIMINDTREE



Mr. ABHISHEK SRIVASTAVA, Regional HR Head,
TCS Lucknow



PLACEMENT CELL PLACEMENT

Winners never quit
Quitters never Win.
—VINCE LOBARDI

We have got a proactive and an industry clued-in Placement Cell, which prides itself of a strong professional network across diverse sectors. It actively coordinates with students and ensures that they get placed with reputed MNCs within six months of Graduating.

- 1) Identification of new avenues of placements in industry for students.
- 2) Training of students to enhance their EQ i.e Employability Quotient.
- 3) Corporate customized Programs for students
- 4) Summer internships organized for students in reputed companies. In-house Internships to deserving students.
- 5) Entrepreneurship Development Program (EDP) organized for students interested in self-employments.
- 5) Seminars, Conferences, Panel Discussions, HR Meet are some of the activities organized round the year for giving maximum exposure to our students.

Industry Readiness Process

- a. Brain storming session with the recruiters.
- b. Need Mapping
- c. Develop customized training program as per the need of the industry
- d. Identify the resources to execute in association with the recruiters
- e. Execute the training
- f. Critical Evaluation
- g. Invite recruiters to choose the right resources for their profile
- h. Feedback & Monitoring

Placement Process

- Delivering the Pre Placement Talk
- Conduct the written Test (Technical/Aptitude Test)
- Group Discussion / Team Activity
- HR Interview/Technical Interview
- Selection of the Candidate
- Offer Letter Distribution
- On Boarding of the Students



PLACEMENT CELL

PLACEMENT

Major Placement Drives



JBM



Reliance Jio



Capgemini



Integrated Resources Inc.



Informatica



Alembic



Nucleus Software



HCL



PLACEMENT CELL

PLACEMENT



And many more...

OUR PLACEMENT TIE UPS

Placement

Bulk Recruiters



Dream Companies who gave Career Opportunity for Pratapians



Product Based Company



Core Companies

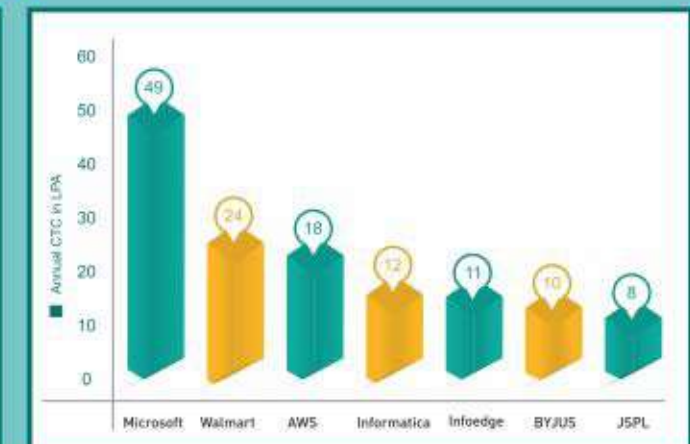


OUR MAJOR MILESTONE STATISTICS

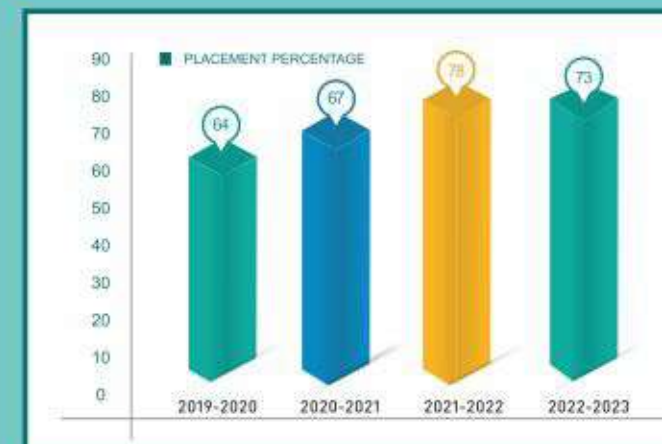
SALARY STATISTICS



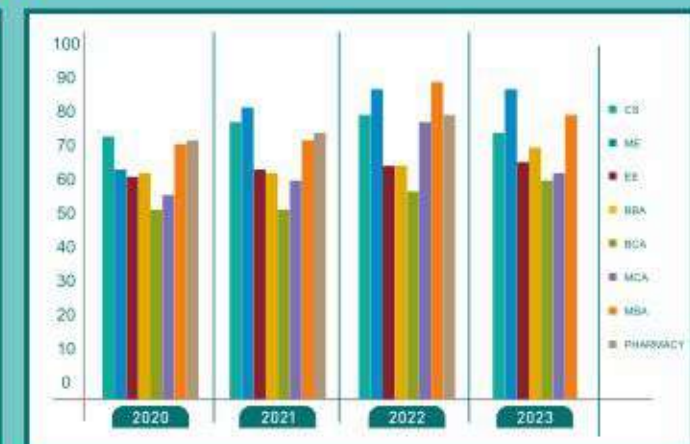
HIGHEST SALARY OFFERED TO MPGI STUDENTS



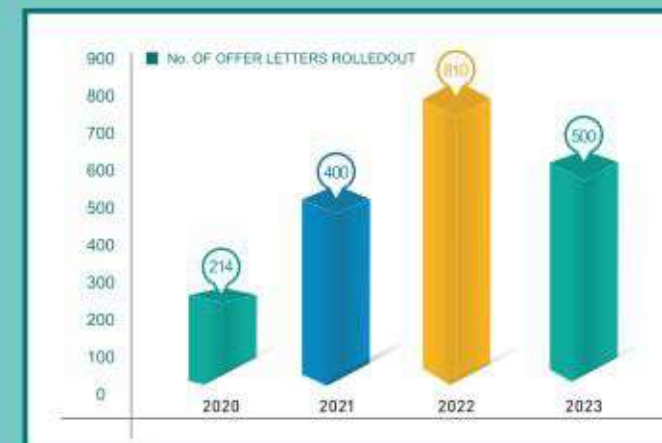
PERCENTAGE PLACEMENT YEAR WISE



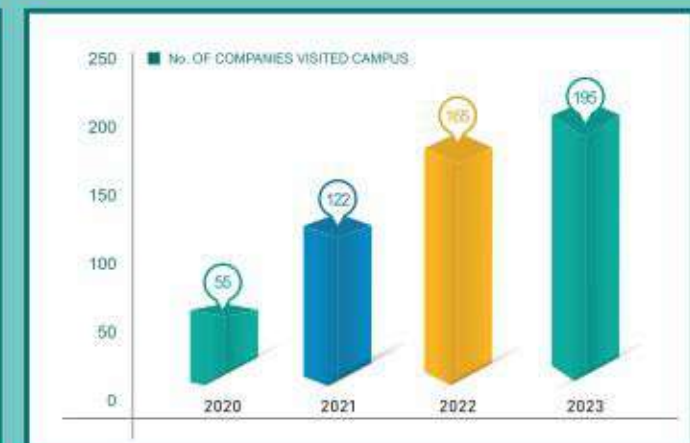
PERCENT PLACEMENT COURSE WISE



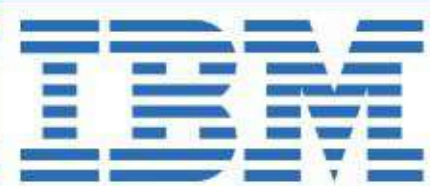
NUMBER OF OFFER ROLLED OUT



NUMBER OF COMPANIES VISITED CAMPUS



IBM COLLABORATION



MPGI collaborates with IBM to provide Excellence in education and the required Competitive edge to Pratapians!

IBM Career Education collaborates with MPGI and has launched specialization tracks under Engineering degree courses -

Artificial Intelligence & Machine Learning	Data Science
IoT	Big Data & Analytics
Cybersecurity	Cloud Computing
	Full stack Development



Data Science & Artificial Intelligence

B Tech I year
C
Python
Java
Minor Project I
B Tech II & III year
Data Visualization
Analysis & Data
Preparation Jupyter Notebooks & Python
Artificial Intelligence
Foundation NLP and NLC
Bot creation Computer
Vision Tensor Flow for Deep
Learning Convolutional
Recurrent Neural
Networks RNN
Intelligence App Development
Minor Project II, Major Project
B Tech IV year
Self paced online certification

*Data Science to be taught in Second year & Artificial Intelligence in Third year

Internet Of Things application/Cloud developer & Network Engineer

B Tech I year
C
Python
Java
Minor Project I
B Tech II & III year
Fundamentals of cloud computing
Launching virtual server & creating storage service
Creating a platform as service
Server building & Networking node js, REST architecture, json, cloud Foundry & Devops
Kubernetes building blocks
Introduction to IOT
Global Landscape IoT
Application building using Node JS
IoT Solution & case study
Minor Project II, Major Project
B Tech IV year
Self paced online certification

*Cloud Computing in second year & IOT in third year

Cyber Security Analyst/Security Analyst & Network Engineer

B Tech I year
C
Python
Java
Minor Project I
B Tech II & III year
security in cloud model
Enterprise Cloud management
Cloud Data life cycle
Audit mechanism & App security
Data Management Data security
Cyber resilience framework
Identifying cyber attack
Network security Mobile and IoT solutions
Monitoring global security
Minor Project II, Major Project
B Tech IV year
Self paced online certification

*Cyber Security to be taught in Second year & Security Intelligence in Third year

OUR HIGHER PACKAGE

INR **49** LPA

SHRUTI OMER

B.TECH - CS
Microsoft
Senior Engineer

INR **33** LPA

SOMESH GANGWAR

B.TECH - CS
Walmart
Software Engineer

INR **25** LPA

LAVLEEN KAUR

B.TECH - CS
EY
Senior Consultant

INR **24** LPA

SURBHI SRIVASTAVA

B.TECH - CS
Walmart
Senior Engineer

INR **21** LPA

UTKARSH AWASTHI

B.TECH - CS
MobiKwik
SDE -1

INR **19** LPA

MAHIMA CHATURVEDI

B.TECH - CS
aws
Cloud Support Associate

INR **17** LPA

RISHABH ARORA

B.TECH - CS
Informatica
Software Engineer

INR **14** LPA

MEGHNA PANDEY

B.TECH - CS
nagarro
Senior Engineer

INR **10** LPA

AFRAH RIYAZ

B.TECH - CS
TEJAS NETWORKS
Software Developer

OUR GLOBAL PRATAPIAN



Dallas USA



OUR PRIDE
ABHINAV BHADURIA
GLOBAL CITIZEN
B.TECH - CS (2009)
Walmart
Senior Management Leader



London UNITED KINGDOM



OUR PRIDE
ARPIT GAUR
GLOBAL CITIZEN
B.TECH - CS (2009)
amazon
Senior Software Development Engineer



Toronto CANADA



OUR PRIDE
VIVEK PANDEY
GLOBAL CITIZEN
B.TECH - EI (2010)
Architect



Westphalia GERMANY



OUR PRIDE
TWARITA PATEL
GLOBAL CITIZEN
B.TECH - CS (2017)
tcs
System Engineer



Edinburgh SCOTLAND



OUR PRIDE
SHUBHAM MISHRA
GLOBAL CITIZEN
B.TECH - CS (2010)
Assistant Consultant



Cromwell USA



OUR PRIDE
MAYANK BHADURIA
GLOBAL CITIZEN
B.TECH - CS (2008)
pwc
Manager



Maryland USA



OUR PRIDE
PUSHPENDRA SINGH
GLOBAL CITIZEN
B.TECH - EC (2008)
PayPal
Software Engineer



South Carolina USA



OUR PRIDE
AKASH DEEP
GLOBAL CITIZEN
B.TECH - ME (2008)
Qvest
Lead Engineer



Bangkok THAILAND



OUR PRIDE
ANIMESH TRIPATHI
GLOBAL CITIZEN
B.TECH - ME (2008)
MICHELIN
Business Segment Manager



Dusseldorf GERMANY



OUR PRIDE
ASMITA KESARWANI
GLOBAL CITIZEN
B.TECH - EC (2017)
Informatica
Senior Software Engineer



Sydney AUSTRALIA



OUR PRIDE
CHETAN PURI
GLOBAL CITIZEN
B.TECH - CS (2004)
Senior Systems Specialist
(Data Analytics And Reporting)



Hamburg GERMANY



OUR PRIDE
SHUJA ABBAS
GLOBAL CITIZEN
B.TECH - CS (2008)
tcs
Assistant Consultant



Philadelphia USA



OUR PRIDE
JAIGOVIND GUPTA
GLOBAL CITIZEN
B.TECH - EC (2010)
tcs
Technical Project Lead



Dusseldorf GERMANY



OUR PRIDE
PIYUSH RAI
GLOBAL CITIZEN
B.TECH - CS (2008)
tcs
Associate Consultant



Ohio USA



OUR PRIDE
MANSI ROCHLANI
GLOBAL CITIZEN
B.TECH - ME (2009)
accenture
Associate Manager



Dublin IRELAND



OUR PRIDE
DIVYA SRIVASTAVA
GLOBAL CITIZEN
B.TECH - CS (2010)
Fidelity
Senior Software Engineer



Illinois USA



OUR PRIDE
SHIVAM VERMA
GLOBAL CITIZEN
B.TECH - CS (2008)
IBM
Brillio



Oklahoma USA



OUR PRIDE
AKASH GUPTA
GLOBAL CITIZEN
B.TECH - ECE (2009)
CSU
The California State University
Assistant Professor

PLACEMENT GALLERY



TIKONA



INVENTICS



MOBILOITTE



DAINIK JAGRAN



MCN



JBM



WEBKUL



RELIANCE JIO



HINDUSTAN WELLNESS



SUPER HOUSE



PAYTM



W3 VILLA



ARICENT



INTEGRATED RESOURCES



ZTE

PLACEMENT GALLERY



WEBKUL



HIKE EDUCATION



TIKONA



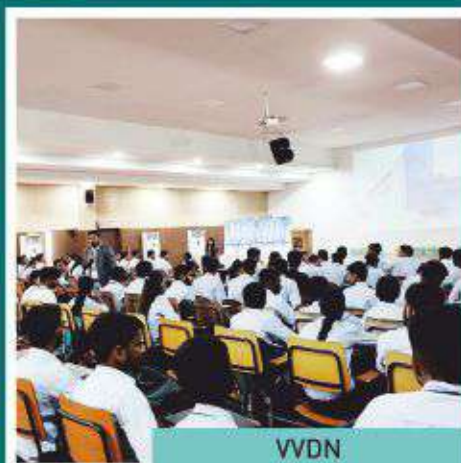
INVENTICS



LEARNING ROUTE



COLLABERA



VVDN



W3 VILLA



NAEHAS



WALLMART



HINDUSTAN WELLNESS



NUCLEUS SOFTWARE



WEBKUL



JBM



JIO

PLACEMENT GALLERY



ROYAL ENFIELD



INDUS TOWER



R SYSTEM



NS MATRIX



XCEEDANCE



INFOGAIN



ADHUNIK METAL LTD.



APTEAN



INFORMATICA



UNISYS



ZTE



SCHNIEDER ELECTRIC



R SYSTEM



ZTE



OPTIMUS INFORMATION

TRAINING AND PLACEMENT CELL

AS SAID BY CORPORATES



Ms. Pooja Umesh
Global Head HR,
Airfi.aero

The HR Conclave was exceptionally well organized! Kudos to the team for their tireless efforts and the outstanding hospitality extended throughout the event. The thoughtful initiative of organizing this conclave specifically for the 1st and 2nd-year students is commendable, reflecting a commitment to nurturing talent from the early stages.



Mr. Sumit Premi
Lead, Talent Acquisition
(Tech & Product), Associate
Director- HR, Flipkart

Impressive energy! Harness it wisely, dear students. The recruitment landscape has undergone a remarkable democratization. In this era, opportunities are more accessible to all, irrespective of background or circumstance. Seize the moment, utilize your skills, and make the most of this transformative period. Best of luck MPGL



Mr. S.N. Rao
Lead Campus Recruitment
India Subcontinent,
Philips

What an amazing day spent with the vibrant students of MPGL, alongside the dedicated faculty and leadership. Your commitment to education is commendable and sets a remarkable example for all. To the students, I encourage you to be smart beyond your textbooks—discover your passions and pursue them wholeheartedly.



Ms. Bhargavi P
HR Manager,
Vitesco

Participating in Conclave 2.0 and sharing the stage with esteemed industry leaders was a true honor. I extend my heartfelt gratitude to the management of MPGL and the exceptional organizing team for executing the event with unwavering passion. Their dedication was evident in every aspect of the conclave, making it a resounding success. Best wishes for continued success and excellence.



Mr. Sachin Sharma
Senior Vice President
& National Manager,
AU Small Finance Bank

I extend my heartfelt gratitude to all the members of MPGL, interacting with the bright talents of MPGL today. Each student exudes potential, showcasing themselves as wonderful and talented future leaders. May MPGL continue to be a beacon of excellence, producing leaders who contribute positively to the community and beyond.



Mr. Ashish Bhalla
Director HR, Head
India Campus Relations,
HCL Tech

I express my sincere gratitude to MPGL for orchestrating such impactful events that go beyond textbooks, shaping students not only as professionals but also as well-rounded individuals. These experiences contribute significantly to their growth and development. Looking forward to more such enlightening sessions that bridge the gap between academia and the real world.



Mr. Abhishek Srivastava
Regional HR Head,
TCS Lucknow

Dear MPGL Management & Students, Sincerest gratitude to you for organizing the event & executing it quite well. I hope that my presence could add value to the students. Feels great to be here. All the best for your future endeavors.



Mr. Rajneesh Tomar
Head of Human Resources,
Bikano Group

It was a wonderful experience coming to the campus. The moment I entered I could feel the vibrancy in the air & ambience. The students, faculties, the Director were impressive & knowledgeable, than my preconceived perception about Tier 3 city college. I would love to visit again & meet the aspiring leaders of tomorrow. Great wishes that the MPGL develops great leaders.

TRAINING AND PLACEMENT CELL

ALUMNI TESTIMONIALS



Shruti Omer, Btech CSE, 2022, SDE-III, Microsoft

The holistic education I received at MPGL Kanpur not only honed my professional skills but also nurtured my personal development. Forever grateful for the experiences and memories!



Surbhi Srivastava, Btech CSE, 2022, SDE-III, Walmart Global Tech

MPGL Kanpur isn't just about academics; it's about discovering your passion, forging lifelong friendships, and preparing for a fulfilling future. Proud to be an alum!



**Saurabh Chauhan, Btech ME, 2015,
Deputy Manager-Quality operation, Morris Garages (MG Motors)**

MPGL Kanpur provided the perfect blend of academic rigor and extracurricular opportunities, setting the stage for a well-rounded education and a successful career for me.



Varsha Gupta, Btech CSE, 2015, Technical Lead, E&Y

As an alum of MPEC Kanpur, I can confidently say that the institution's commitment to excellence and innovation has shaped my career trajectory. Truly grateful for the invaluable lessons learned.



Payal Arora, Btech CSE, 2014, General Manager, HR, JSPL

MPGL Kanpur is where I found my voice, honed my skills, and discovered my true potential. The encouragement and support from faculty and peers alike were instrumental in my journey.



Shubham Pandey- Btech, ECE, 2013, Product at HCLTech

MPGL Kanpur has not just equipped me with academic excellence, but also instilled values of integrity and perseverance. It's more than just a college; it's a community that fosters growth.



**Abhinav Singh Bhadouria- Btech CSE, 2009, Sr. Manager,
Product Management, Analytics Solutions, Walmart Global Tech**

MPGL Kanpur provided me with a platform to explore my interests and excel in my chosen field. The supportive environment and top-notch facilities truly set it apart.



Vaibhav Maheshwari- B.Tech, ECE, 2008, Assistant Vice President, Barclays

My time at MPEC Kanpur was transformative. The dedicated faculty and vibrant campus life prepared me not just for my career but also for life's challenges.



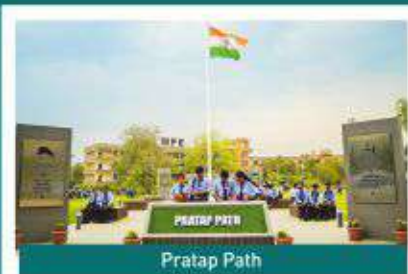
Anshul Nagpal, B.Tech EI, 2005, Service Solution Manager, Nokia

The strong emphasis on practical learning at MPEC not only made me job-ready but also instilled in me a lifelong love for learning and growth.

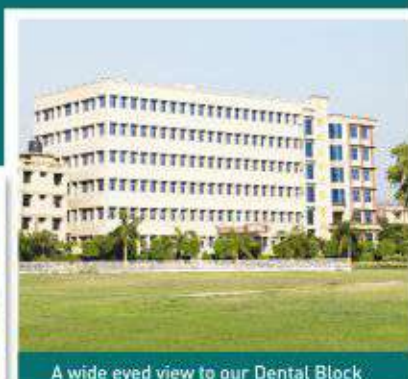
INFRASTRUCTURE AND AMENITIES

- ✓ College campus
- ✓ Numerous Boys & Girls Hostel
- ✓ Hosteller's Mess
- ✓ Wide array of Cafeteria choices
- ✓ Jogger's Park
- ✓ Basketball, Volleyball and Badminton courts

- ✓ Recreation Rooms for indoor sports
- ✓ Cricket Stadium
- ✓ Two Auditoriums
- ✓ Seven Libraries with over 70,000 books
- ✓ Two Banks
- ✓ Campus Hospital
- ✓ Transport Facility Available
- ✓ Diligent Security Team always on the standby



Pratap Path



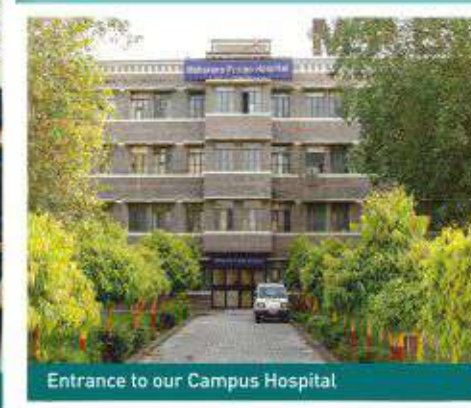
A wide eyed view to our Dental Block



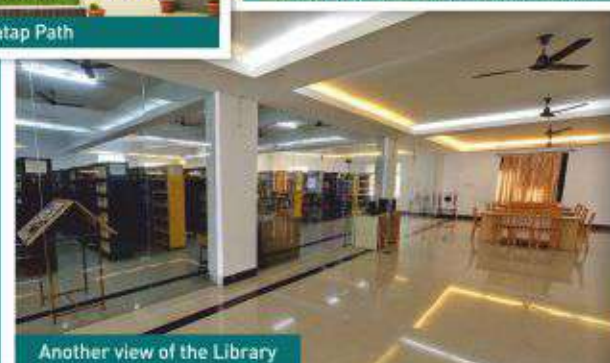
Maharana Pratap Hospital



Inside view of Annapurna Bhawan



Entrance to our Campus Hospital



Another view of the Library



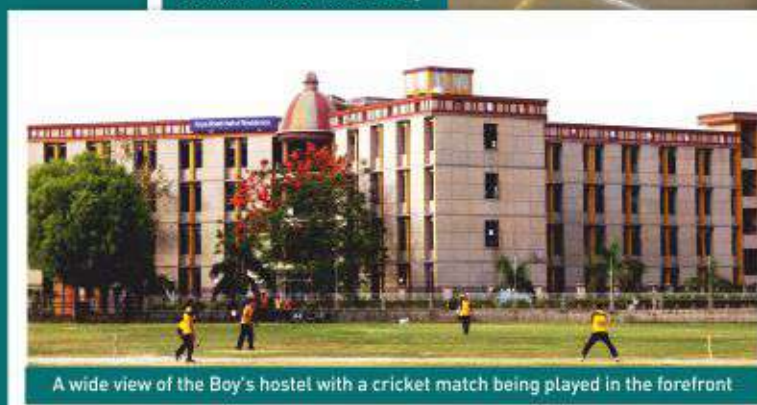
Front view of the academic block, MIPS, Bithoor campus



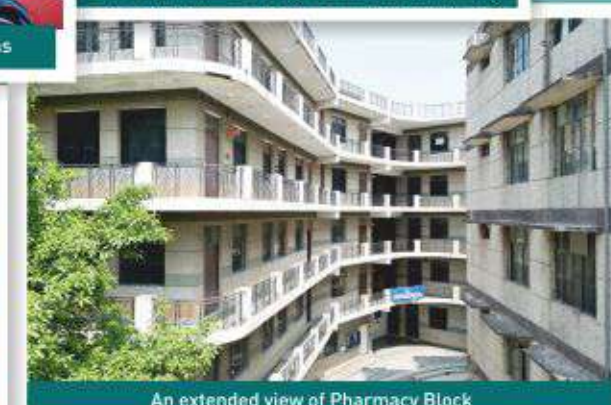
Comfortable roomy and well lit classrooms



Herbal garden - The delight of the Pharmacy wing



A wide view of the Boy's hostel with a cricket match being played in the forefront



An extended view of Pharmacy Block



Students in the library



Nursing Department Lab



State of the art medical facility at MPGI campus-DOCTEL



MPGI student experimenting at the lab

- ✓ WiFi facility
- ✓ Centralised RO water facility
- ✓ 24/7 CCTV coverage of the Campus
- ✓ Faculty Supervision

INFRASTRUCTURE AND AMENITIES



Pharmacy Block



CV Rama Hall - Our Student Experience Centre



Pharmacy Lab



Bird's Eye View of the Campus



Seminar Hall



Nursing Block



Students in Labs



Front View - Dental Block



600 seat auditorium at Engineering Block



Automated Mess



Landscape Ground



Group Discussion Rooms



Engineering Academic Block

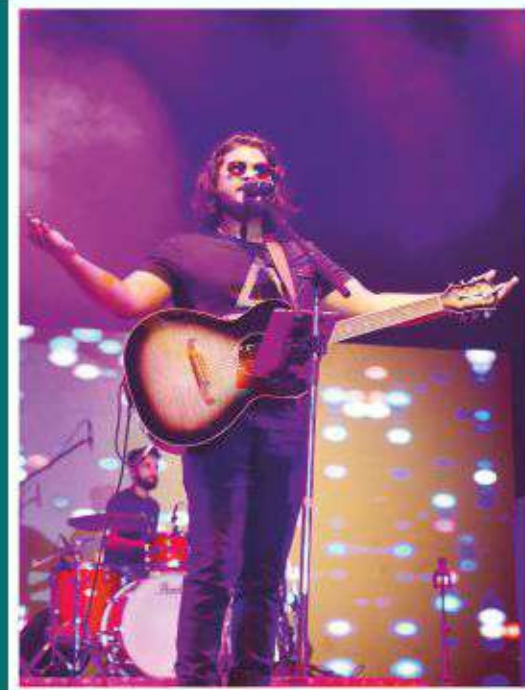
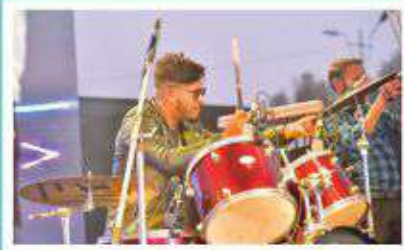


700 Workstations in Laboratories

CELEBRATIONS @MPGI



MUSIC FEST @MPGI



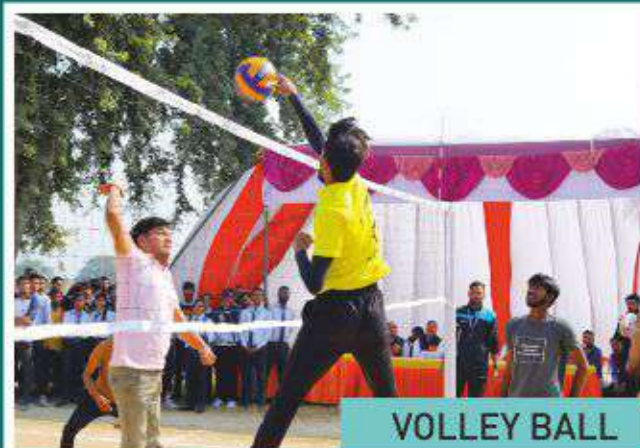
PROJECT FESTIVAL



SPORTS GALLERY



CRICKET



VOLLEY BALL



FOOTBALL



BADMINTON



BADMINTON COURT



MARATHON



KABADDI

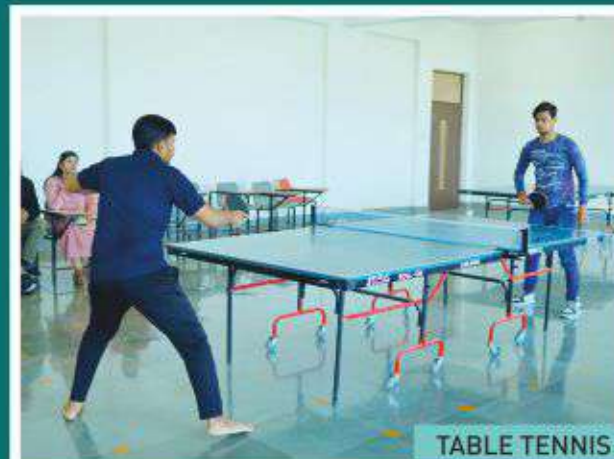


TABLE TENNIS



BASKET BALL



CHESS



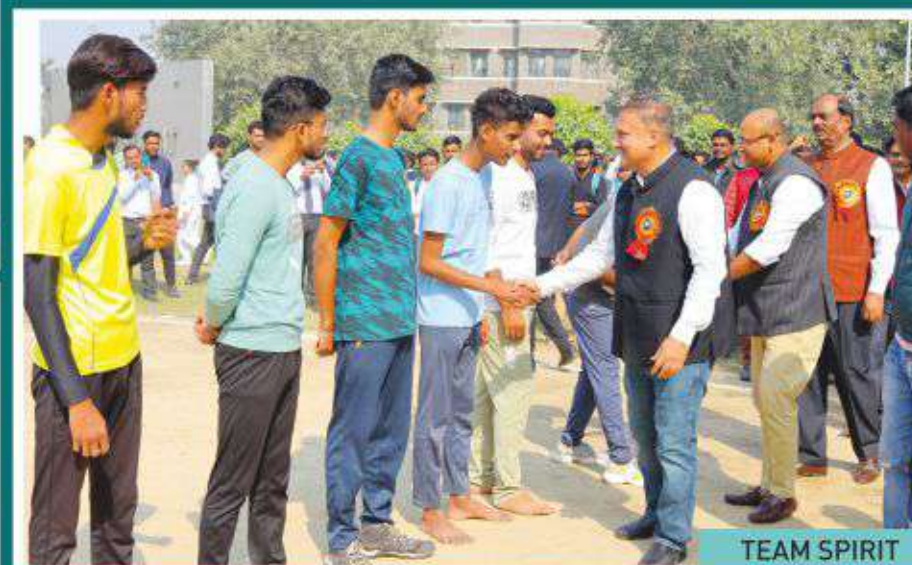
SPORTS WINNERS



KHO - KHO



RACING



TEAM SPIRIT



ARISE!
AWAKE!
and stop not until
the goal is reached

SWAMI
VIVEKANANDA