



**BABU DINESH
SINGH UNIVERSITY**

VANANCHAL DENTAL COLLEGE AND HOSPITAL

Farathiya, Garhwa, Jharkhand

Prospectus

• 2026-27 •

PROGRAMMES OFFERED



BDS

Bachelor of
Dental Surgery



MDS

Master of
Dental Surgery



Modern
Infrastructure



Experienced
Faculty



Advanced
Dental Care



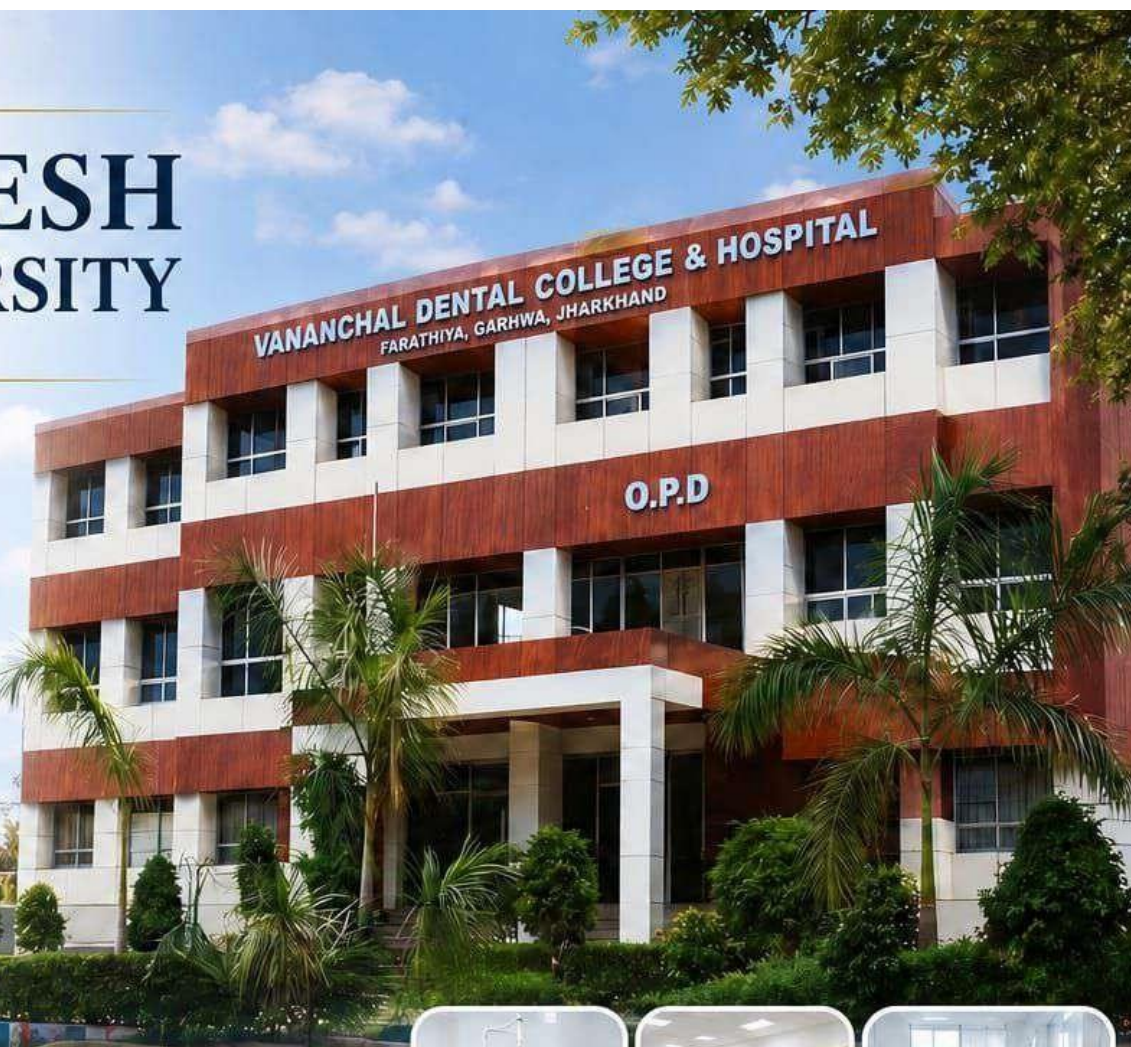
Research &
Innovation



Holistic
Student
Development



*Excellence in Dental Education,
Compassion in Dental Care*





VANANCHAL DENTAL COLLEGE & HOSPITAL

Recognized by Dental council of India

Approved by Ministry of Health & Family Welfare, Govt. of India

A constituent unit of BABU DINESH SINGH
UNIVERSITY



ABOUT THE COLLEGE

Vananchal Dental College & Hospital, situated as a beacon of dental education and healthcare in the region. Establishment in 2007 by the Vananchal Educational & Welfare Trust under the leadership of Mr. Dinesh Prasad Singh, it was founded to address the gap in dental healthcare professionals in the region, particularly focusing on rural communities. Vananchal Dental College & Hospital is recognized by Dental Council of India and a constituent unit of Babu Dinesh Singh University. Our institution is approved by Ministry of Health & Family Welfare; Govt. of India. The college has recognized under-graduate (BDS) program with total intake capacity of 100 admissions annually. BDS has curriculum spanning over 4 year plus compulsory 1-year rotating internship. This college also has recognized post-graduate (MDS) program in Seven Clinical branches with total intake capacity of 16 admissions annually. MDS program is of 3 years during which student must undertake and perform many academic, clinical and research activities.

MESSAGE FROM THE CHANCELLOR'S DESK

Vananchal Dental College & Hospital is the born child of Vananchal Educational & Welfare Trust; consist of a group of innovative minds. The trust has a broad outlook and experience of having setup and run a dental college. It aims at providing services to the society in educational, medical, employment, moral and cultural fields. Vananchal Dental College & Hospital has been involved in the process of developing new knowledge skills and attitude for the budding Dental Surgeons. Your choice of this field will be a decision that will affect your entire life in a very positive way.



Shri Dinesh Prasad Singh
Chancellor, BDSU

MESSAGE FROM THE PRO- CHANCELLOR DESK

Knowledge is Vananchal Dental College & Hospital has been several achievements in its pursuit for excellence, in education and creating a society that is humane, inclusive and sustainable, for the past years. Our highly inspired and motivated faculty members and their involvement in academic and research activities is keeping the institution in the trajectory of success. I am confident that our faculty will be able to quickly respond to the changes happening in the teaching environment and successfully transform themselves to the digitalized environment.



Mr. Pawan Kumar
Pro-Chancellor, BDSU

MESSAGE FROM THE VICE-CHANCELLOR'S DESK

Welcome to Vananchal Dental College & Hospital – an institution committed to excellence in dental education, research, healthcare service, and human values. Our institution has continuously worked towards nurturing competent dental professionals who are dedicated to ethical practice, academic excellence, and compassionate patient care.

In today's rapidly evolving healthcare environment, the role of dental professionals extends beyond clinical expertise. We believe in developing future leaders who possess scientific knowledge, professional integrity, social responsibility, and a spirit of lifelong learning. At our college, students are encouraged to combine academic achievements with innovation, research, community service, and personal growth.

I invite all students, faculty members, healthcare professionals, and stakeholders to join us in our mission of building a healthier and brighter future through quality dental education and compassionate healthcare services. Together, we shall continue to uphold the ideas of knowledge, discipline, humanity, and excellence.



Prof. (Dr.) M. K. Singh
Vice-Chancellor, BDSU

MESSAGE FROM THE PRINCIPAL

Dentistry is a challenging profession concerned with all health problems affecting the teeth, gums and other hard tissues of the oral cavity. It is a very hard working profession that needs craftsmanship, skill, and sound theoretical knowledge. Vananchal Dental College and Hospital is one of the Premier institute of India that offers both Under Graduate & Post Graduate, Courses in the field of dentistry. Our infrastructure facilities are good, supported by dedicated faculty who are outstanding clinicians, members of various national and international bodies, editors, reviewers of National & International Journals, and well versed in the latest knowhow. In our institute the students are groomed to be adept in theory and clinical skills in an ambiance conducive to academic pursuits. I share the pleasure of my colleagues at the institute in knowing that their clinical expertise and education contribute immensely to both training fresh talents and improving patient care.



Dr. S.Y. Rajan
Principal

OUR FOCUS

Qualitative growth in selected areas of study. Motivation building among the faculty and the students. Highest standard of discipline and good work culture. Create environmental friendly awareness among the students.

OUR TARGET

To train the students in a manner that will imbibe confidence to become adept General or Specialty Dentists. To provide High quality treatment to the needy, deprived and downtrodden section of the society.



AIM & OBJECTIVES

Providing World Class Education to the students. Equipping the institution with the latest equipment available in the field of Dentistry. Empower confidence in Doctor and make them well versed with the latest knowledge in Dentistry. Creating awareness for Dental care amongst rural population and provide them dental treatment at subsidized/free rates. Global awareness in research work through state of art electronic equipment & resources.

SCOPE

After completing BDS, graduates can open their own clinic or work as General Dentist in Hospitals or Clinics, pursue MDS, or enter teaching and research.

They are also eligible for government jobs through exams like

- UPSC
- SSC
- State PSCs for roles public health departments
- Defense services (Army Dental Corps), or as
- Dental Surgeons in government hospitals.

Other options include joining healthcare administration or dental product companies. BDS offers diverse career paths, both clinical and non-clinical

PROGRAMME & ELIGIBILITY

BDS (Bachelor of Dental Surgery)		100	10+2 with 50% Marks (GEN) 45% (ST/SC/OBC) in PCB, Passed in English with 50% marks + NEET Qualified	4+1 Years
MDS (Master of Dental Surgery)		16	Passed B.D.S & NEET PG Qualified	3 Years
Prosthodontics and Crown & Bridge	2			
Periodontology	2			
Pediatric & Preventive Dentistry	2			
Orthodontics & Dental Orthopedics	2			
Conservative Dentistry and Endodontics	2			
Oral Medicine & Radiology	3			
Oral Pathology & Oral Microbiology	3			

❖ Admission & Fee Structure

- BDS Admission: Candidate must clear the NEET-UG national entrance exam.
- MDS Admission: Requires a valid score in the NEET-MDS examination.

Counselling and seat allocation are managed by *Jharkhand Combined Entrance Competitive Examination Board (JCECEB).*

Particular	1 st Year	2 nd Year	3 rd Year	4 th Year
Admission	5,000/-	–	–	–
Tuition Fee	3,25,000/-	3,25,000/-	3,25,000/-	3,25,000/-
Library Fee	6,000/-	–	–	–
Development Fee	22,500/-	22,500/-	22,500/-	22,500/-
Year-wise Fee	3,58,500/-	3,47,500/-	3,47,500/-	3,47,500/-
Total Course Fee= INR 14,01,000/- (Fourteen Lakhs One Thousand Rupees only)				

FACILITIES

❖ Dental Hospital

A modern dental hospital provides comprehensive oral healthcare services with advanced technology, specialized departments, and patient-friendly facilities. Common facilities available in a dental hospital like, Diagnostic Facilities, Treatment Facilities, Hospital Infrastructure, Patient Facilities, Academic and Research Facilities, etc.



Laboratories:

The laboratories are well equipped with an adequate number of scientific instruments so that each students gets full exposure in learning various laboratory procedures and extensive pre-clinical training. Department of Biochemistry, Physiology, Anatomy, Dental Anatomy and Oral histology, Oral Pathology, Pharmacology, General Pathology and Histology, Microbiology and separate Dissection hall with cadaver facilities as well as fully equipped Phantom head lab are



❖ Central Library:

A dedicated facility housing a vast collection of printed texts, national/international medical journals, digital library and internet access for needful research.

Number of Text Books, Journals

- ✓ More than 3000 Books
- ✓ International Journals- 19 subscriptions
- ✓ National Journals- 09 subscriptions
- ✓ e-Journals – 100+ Journals



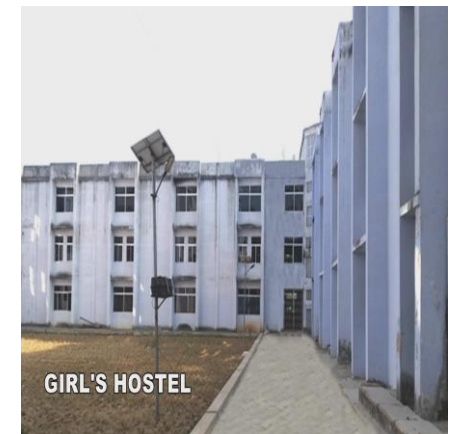
Lecture Halls:

The college having smart lecture halls with a capacity of 120 students. The lecture halls are well equipped with facilities like Wi-Fi and audiovisual. The lecture halls are well-lighted and ventilated.



❖ Hostels:

Boys & Girls hostels are separately available at the college campus. The hostels are double stories building. Rooms are T-shape triple bedded and double bedded with good mess facilities. The hostel provided with Guest room for parent & guardians. The warden room is also attached to the hostel building for the proper care of students. Gents and Ladies warden is appointed to look after Boy's and Girl's hostel respectively.



❖ MoU and Collaboration:

Vananchal Dental College & Hospital has been tie-up with 100 bedded Government Sadar Hospital, Garhwa (Jharkhand) to provide necessary training to all concern students of the college. To fulfill the curriculum requirement for dental students (who must be trained in general medicine, general surgery, and emergency care), the college is tied up with the 300-bedded District/Sadar Hospital in Garhwa, Jharkhand.



❖ Accommodation:

Separate in-campus hostels for boys and girls are available. The structures feature double and triple-bedded rooms (often arranged in T-shapes to give students individual privacy).

❖ Sports:

College provides both indoor and outdoor sports facilities on its campus, including cricket and football grounds, volleyball and basketball courts, indoor badminton, table tennis, carom and a gymnasium, etc.



❖ Mobile Dental Clinic:

The Mobile Dental Clinic operated by Vananchal Dental College & Hospital serves as the institution's primary tool for community outreach and rural healthcare. Operated under the Department of Public Health Dentistry, it bridges the gap between urban dental facilities and underserved rural populations around the Garhwa district.



❖ E-rickshaw facility

The electric auto facility provides a free, eco-friendly shuttle service that continuously carries patients from the main road (NH-75), across the large campus directly to the hospital OPD ensuring easy access for the elderly, disabled, or those who are in need.



❖ In-campus 24/7 health center and medical facility.



□ ATM & Bank Facility:

Vananchal Dental College & Hospital provides an on-campus ATM for daily cash needs, handles education loan documentation and online free transfers internally, and is located just minutes away from major bank branches like State Bank of India and Jharkhand Rajya Gramin Bank in Garhwa Town.



❖ Grocery Store:

While there is no massive commercial supermarket inside the campus, Vananchal Dental College & Hospital features a tuck shop and general store on its 100-acre campus for daily necessities, snacks, and toiletries, while larger grocery hubs like Buy4Earn Retail/Grozep are located just outside in the Farathiya/Bishunpur area.



❖ Canteen & Rasoi:

The Vananchal Dental College & Hospital campus features a spacious, hygienic canteen and cafeteria that serves affordable vegetarian and non-vegetarian North/South Indian meals, fast food, and refreshments tailored for students, staff and hospital visitors.



❖ Medical Store:

It is integrated directly into the campus hospital infrastructure to immediately supply necessary prescription medicines, dental surgical materials, and first-aid essentials to both outpatients and residential hostel students.



❖ Auditorium:

A college auditorium is a multi-purpose campus venue designed for academic lectures, seminars, cultural performance, and graduations. It typically features elevated seating, a raised stage, and advanced audio-visual and lighting systems. It serves as a central hub for student events, guest speakers, and institutional ceremonies.



❖ Dental Hospital:

Dental Hospital is divided into nine different clinics, with combined strength of more than 250 dental chairs, providing comprehensive oral healthcare services with modern diagnostic, treatment, and patient-care facilities. Common facilities available in a dental hospital include; Clinical Facilities, Diagnostic Facilities, Treatment Facilities, Laboratory Facilities and Research Facilities.

❖ Department of Conservative Dentistry and Endodontics

Name of the HOD: Dr. T. Lenin Babu

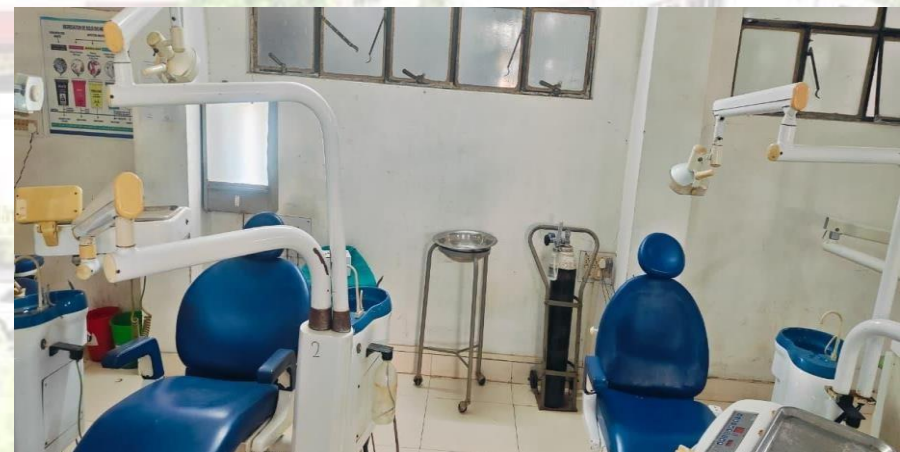
Primary goal of Department of Conservative Dentistry and Endodontics is to restore the teeth to full function & appearance in an aesthetically pleasing manner with as little loss of healthy tooth structure as possible. The treatment provided includes various filling, root canal treatment, surgical endodontic procedures, bleaching, & management of traumatized teeth.



❖ Department of Orthodontics and Dentofacial Orthopedics

Name of the HOD: Dr. Shivaprakash S.

Orthodontics is one of the most demanding branches of dentistry, due to the increasing concern for facial aesthetics. Being a referral department, it caters to orthodontics and orthognathic problems, which are treated by a multidisciplinary approach. Advanced treatment services provided include removable & fixed appliances, orthodontic management of cleft lip & palate and growth modulation therapy (Dentofacial orthopedics).



❖ Department of Periodontology and Implantology:

Name of the HOD: Dr. Rajesh H.

Periodontology is the discipline of dentistry principally concerned with the treatment of supporting structure of tooth, gum and poor dental hygiene of an individual by removing the root cause i.e. plaque and calculus from oral cavity. The ultimate goals of this subject is to achieve healthy state of gums and bone which leads to a healthy smile. This department also deals with surgical placement of dental implants to replace missing teeth.



Department of Prosthodontics and Crown & Bridge:

Name of the HOD: Dr. T.S.V Satyanarayana

Deals with restoration of oral & dental structures using life like prosthesis to recreate lost function & aesthetics. The treatment facilities provided include complete dentures, removal & fixed partial dentures, maxillofacial prosthesis including obturators, various splints to stabilize fracture of jaw bones, also replacement of missing teeth with implant supported dentures.



❖ Department of Pediatric and Preventive Dentistry:

Name of the HOD: Dr. Rohit Singh

The department of pediatric dentistry promotes the oral health of infants, children, adolescents and persons with special needs through education, research and service by educating pediatric dentists for continuous learning and leadership. Generating new knowledge through education and clinical research. Promoting effective preventive measures to ensure the lifetimes of oral health. Collaborating with other disciplines of dentistry to provide treatment to children with oral health care needs.



❖ Department of Oral Medicine and Radiology:

Name of the HOD: Dr. Abhishek Singh Nayyar

Oral medicine and radiology is specialty that focuses on the diagnosis and medical management of disease of the head and neck. It is a unique field of dentistry that combines both oral medicine and craniofacial radiology. It serves as a bridge that links dentistry and medicine aiding in early diagnosis of several systemic disease having oral manifestations. In such clinical situations, an oral medicine and radiology specialist can decide what investigations or tests are needed to confirm the diagnosis.



❖ Department of Oral Pathology and Oral Microbiology:

Name of the HOD: Dr. Karanam Badari Rao

Oral pathology is a branch of Dentistry that represents a correlation of Basic Sciences with clinical dentistry. It is the scientific study of diseases that combines knowledge with investigative procedures such as histopathological and microbiological evaluation, helping in the diagnosis and further treatment of diseases. It also helps in assessing the prognosis of the disease.



Department of Oral and Maxillofacial Surgery:

Name of the HOD: Dr. Rakesh

Oral and Maxillofacial Surgery is a branch of Surgery to correct a wide spectrum of disease, injuries and defect in head, neck, face and jaw and hard and soft tissues of the Oral and Maxillofacial region. It is recognized international surgical specialty and it is one of the nine specialties of dentistry

Department of Public Health Dentistry:

Name of the HOD: Dr. Ajit Kumar Sinha

Public Health Dentistry is concerned with the dental health education of the public, occurrence and magnitude of oral diseases, and prevention and control of oral diseases at mass level. Oral health camps are organized in the rural areas, schools, and various organizations where diagnosis and treatment of oral disease is carried out and the students are trained to deliver oral health care, diagnosis and prevention of oral diseases.



SPECIALIZED EQUIPMENTS



Acrylizer



Dental Acrylizers



Plaster Dispenser



Hot Air Oven



CBCT



OPG Printer



Microscope



Hydrogen Micro welder

SPECIALIZED EQUIPMENTS



Centrifugal Casting Machine



Pindex System



Muffle Furnace



Dental Lathe Machine



Acrylizer



Electrolytic Polishing Machine



Vibrator



Double Disc Model Trimmer

SPECIALIZED EQUIPMENTS



Model Trimmer



Dewaxing Unit



Thermoforming Machine



Die Cutting Machine



Multi Cure Unit



Physio Dispenser Implant Kit



Ultrasonic Cleaner



Polishing Lathe

SPECIALIZED EQUIPMENTS



Polishing Lathe



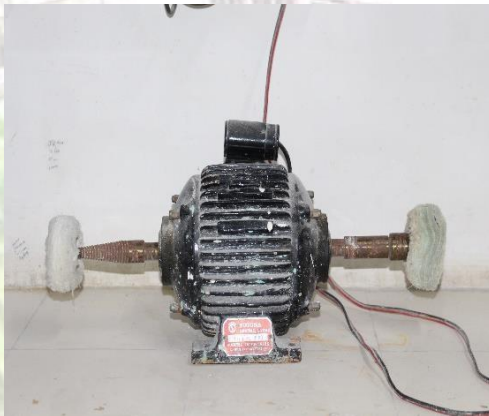
Dental Trimmer



Vacuum Mixer



Plaster Dispenser



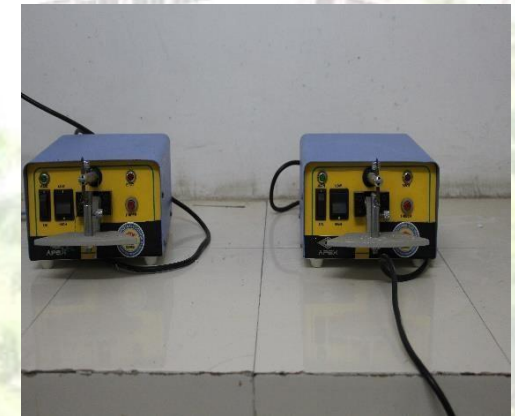
Polishing Machine



Blue Electro Polishing Unit



Hydro Solder



Ortho Care Spot Welder

SPECIALIZED EQUIPMENTS



M4 Dental Lab M



Dry Heat Sterilizer



Autoclave



Computer System



Dental Implant Hand piece



Vita Vacumat 40T



Model Trimmer



Polishing Lathe

SPECIALIZED EQUIPMENTS



Laboratory Muffle Furnaces



Sand Blaster



Periodontal Surgical Instruments



Oxygen Cylinder



Hospital Bed



Automated External Defibrillator (AED)



BP Machine



First Aid Kit

MOBILE DENTAL CLINIC



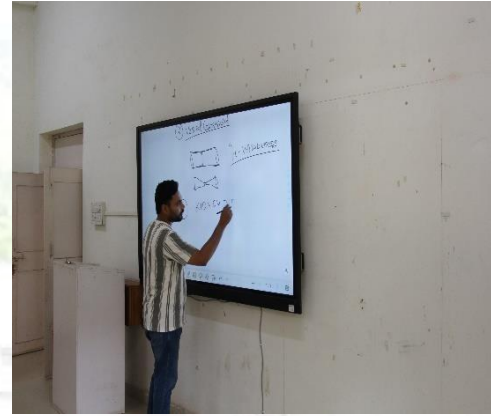
CLASSROOMS/ LIBRARY



Well-equipped Bench Desk



Smart Class Room



Smart Board



Experienced Faculty Member



Computer F in Library



Library Book Issue Counter



Well-equipped Chairs and Table



Books Equipment's

LABORATORY



Dental Material Prosthodontics Laboratory



Phantom Head Laboratory



Prosthodontics Laboratory



Physiology Laboratory



Research Pentameter Microscope



Experience Guide



Phantom Head



Microbiology Laboratory

SPORTS ACTIVITY



SPORTS PROGRAM

Annual Sports Program
Banner



SPORTS PROGRAM

March-fast by Students



SPORTS PROGRAM

100 mtr. Race by Girls



SPORTS PROGRAM

400 mtr. Race by Boys



SPORTS PROGRAM

Honorable Chief Guest



OUTDOOR GAME

Prize Distribution



OUTDOOR GAME

Prize Distribution



PRIZE DISTRIBUTION BY SUPERINTENDENT OF POLICE GARHWA

Picture with Honorable Chief
Guest

OTHERS FACILITY



PLAYGROUND

Lush Green Playground



AUDITORIUM
LEGAL AWARENESS CAMP BY PRINCIPAL DISTRICT JUDGE GARHWA
AND HIS JUDICIARY TEAM

500 seating Capacity
Auditorium



AUDITORIUM
LEGAL AWARENESS CAMP BY PRINCIPAL DISTRICT JUDGE GARHWA
AND HIS JUDICIARY TEAM

Large Stage of Auditorium



Rasoi/Canteen in Campus



Bank in Campus



Common Service Point in
Campus



E-rickshaw for free service



Transport Facility

COLLEGE CAMPUS

Farathiya, Garhwa- 822114 (Jharkhand)

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Vananchal Dental College and Hospital



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Registration