



KUNWAR SATYA
VIRA College of Engineering
& Management, Bijnor (U.P.)
(Approved by AICTE, New Delhi & Affiliated to U.P. Technical University, Lucknow)

www.ksvira.edu.in

Achieve
YOUR AMBITIONS

INFORMATION BROCHURE

COLLEGE CODE : 017

Our students are highly motivated. To help prepare for VIRA, We work on overall literacy skills like writing, speaking, math and computer proficiency. We believe students rise to a high level of expectation, and we give them the support to reach those high standards, but one must be accountable for his/her own learning. This is an attitude and skill that will serve an indivisible for the rest of his/her life.

Our goal is to prepare talented young people to become global citizens who will grow into international leadership roles.



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VIRA Charitable Society

Vira Charitable Society (VCS), Dharamnagri was established in 1968. Vira Charitable Society is a renowned educational society devoted to the cause of spreading education in the region and has so far many institutions from Nursery to Post Graduate level, both for boys and girls.

- R.B.D. Girls P.G. College, Bijnor
- Dayavati Dharam Vira Public School (DDPS), Bijnor
- Kunwarani Prema Satya Vira Inter College(KPS), Bijnor
- Raja Jwala Prasad Arya Inter College(RJP), Bijnor
- Adarsh Bal Niketan Inter College Shehbajpur Distt. Bijnor
- Adarsh Bal Niketan Shehbajpur Distt. Bijnor
- Vira Inter College , Dharamnagri, Distt. Bijnor
- Prema Satya Vira Kanya Inter College, Mandawar Distt. Bijnor.
- Gomti Kanya Inter College, Jansath Distt. Muzaffarnagar.

Vira College of Engineering (now Kunwar Satya Vira College of Engineering and Management), Bijnor, is a further step taken by the Vira Charitable Society in the field of higher technological and managerial field with the aim of preparing the youth of the country to face the challenges of the 21st century. The Society functions under the able guidance of Sh. Ravi Vira Gupta (Retd. IAS), and retired Deputy Governor, Reserve Bank of India and is the President of the Vira Charitable Society. The Secretary of the Engineering College is Kunwar Udayan Vira, an enlightened farmer, politician and educationist.

Padma Vibhushan Late Sri Dharma Viraji (ICS Retd.), the founder President of the Vira Charitable Society was a distinguished Civil Servant of the Country. He made his mark not only as worthy administrator during his tenure as the Cabinet Secretary to the Government of India and Governor of three States one after the



Late Sri Dharma Vija
Founder President

Late Kunwar Satya Vira
Founder Secretary

other, but also as an eminent educationist. He was also actively associated with several educational Institutions of high repute.

Late Kunwar Satya Vira, the Founder Secretary of Kunwar Satya Vira College of Engineering & Management (Formerly Vira College of Engineering) was the youngest son of late Raja Jwala Prasad and was also the former Minister of State for Technical Education, U.P. Being a great educationist himself, he had a passion for imparting quality education to the students in every field of studies.

Chairman, Shri Ashok Chandra (Retd. I.A.S.) : The Honorable Chairman of the College, had held several high positions including Secretary-Ministry of Petroleum, Ministry of Industries and also the Advisor to the Governor of U.P. At present, he is the Chairman of Delhi Public School Society, New Delhi.

Secretary, Kunwar Udayan Vira : The Honorable Secretary of both Vira Charitable Society and Kunwar Satyavira College of Engineering and Management, is a renowned social reformer, politician, farmer and educationist.

Treasurer, Shri C. S. Gupta : An eminent educationist and recipient of President of India National Award for promoting the cause of education.

Members: Sh. S. S. Bishnoi, Renowned Advocate, Bijnor,
Dr. Neeraj Gupta, Famous Orthopedic Surgeon.



Knowledge
is definitely wealth so we must accumulate it.

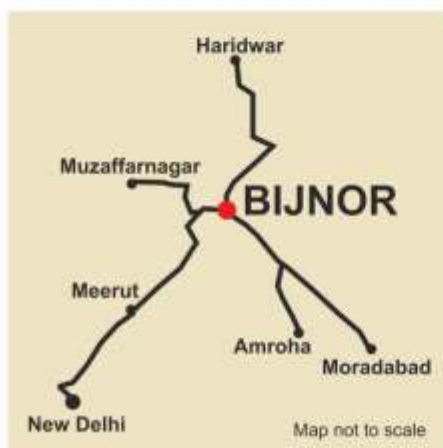
About The Institution

The College was established in the year 1999 and is duly approved by the All India Council for Technical Education (AICTE) and affiliated to Uttar Pradesh Technical University, Lucknow. The first batch of the college was passed out in the year 2003 and till date a total of Twelve Batches of B.Tech & Three Batches of MBA have passed out.

The vast campus of the College spreading over 10 acres of land in the heart of the city is complete with all infrastructures developed for imparting high level technical education and catering to the present needs of national and multinational industries.

About Bijnor

Bijnor is the Headquarter of District Bijnor situated in western Uttar Pradesh. The city is situated on the Moradabad Haridwar Section of the Northern Railway and is surrounded by the district of Meerut (80km), Moradabad (90km), Muzaffarnagar (50 Km), Amroha (80 km) and Haridwar (90km). The city is well connected by Rail & Road Transport with Delhi (150 km) and all major cities of U.P and Uttrakhand.



Courses Offered

Bachelor of Technology (B.Tech.) (Four Year Degree Programme)

Branch/Specialization	Sanctioned Intake
Electronics & Communication Engg.	60
Computer Science & Engineering	60
Electrical Engineering	60
Civil Engineering	60
Mechanical Engineering	60
Bio-Technology Engineering	60

Master of Business Administration (MBA) (Two Year Degree Programme)

Branch / Specialization	
» Marketing	
» Finance	» Human Resource
» International Business	» Information Technology







The way you learn is that something fails, and you figure out how not to have it fail again.

ADMISSION

Admission Procedure and Eligibility Criteria in First Year

1. Admission to all courses is taken in accordance with the directives of Uttar Pradesh Technical University, Lucknow and the Government of U.P.
2. Uttar Pradesh Technical University, Lucknow conducts State Entrance Exams-UPSEE every year in the month of April. Candidates appeared in UPSEE/UPMAT are admitted through the counseling organized by Uttar Pradesh Technical University, Lucknow in which opted institute is allotted to the candidate on the basis of the merit list prepared in accordance with the performance of candidate in UPSEE.
3. Candidates may also take admission in the institute against vacant seats if available after counseling organized by Uttar Pradesh Technical University.
4. Candidates seeking admission to B.Tech. Programme must have passed 10+2 (or equivalent) examination from a recognized Board/University with minimum percentage of marks in Physics, Mathematics and Chemistry or Computer subjects / Biology as decided by the University.
5. Students seeking for admission in M.B.A. must have a three-year graduation degree in any discipline from a recognized University with minimum percentage of marks as decided by the University.
6. Candidates appearing for the qualifying examination or those awaiting results are also eligible to apply. However, their candidature shall be subject to their successful passing the qualifying examination.

Direct Admission

The Eligibility criteria for direct admission on seats remaining vacant in first year after entrance examination counseling shall be such as may be notified from time to time by Uttar Pradesh Technical University, Lucknow.

For Direct Admission, the interested aspirants may get themselves registered by depositing a registration fee of Rs. 10,000/- (for Gen/OBC while Rs. 5000/- for SC/ST) in cash or a demand draft in favour of "Kunwar Satya Vira College of Engineering & Management" payable at Bijnor. Once the admission is granted by the College, this amount will be adjusted in the annual fee of the first year and shall not be refunded in any case. However, if admission is not granted by the college, Rs. 1000/- shall be deducted from the registered amount and the remaining amount shall be paid within stipulated time as decided by the management.

PROCEDURE

Lateral Entry

Students who have passed 3 or 4 year degree/ Diploma programme are eligible to take direct admission in Second Year of B.Tech. in any branch of Engineering, provided they must have passed from AICTE Approved institution.

Re-admission

If a student is found absent more than 15 days continuously, the name of the student may be struck off from the rolls and in such case the re-admission is possible only after assurance that the student will meet the requirement of minimum 75% attendance at the end of the session and will also complete the sessional work. Re-admission charges will be Rs.500/- in this case.

Admission Documents Required

1. High School Certificate.
2. Intermediate (10+2) marks sheet pass certificate for B.Tech. course and Graduation marks sheet with pass certificate for MBA course.
3. Transfer Certificate or Migration Certificate
4. Character Certificate From last institute
5. Affidavit for gap, if any.
6. Reservation Certificate from Competent authority, if any.
7. Domicile Certificate for the candidates in the other state category.
8. Income Certificate of the parents having less than 2 Lakh annual income (as recommended by U.P. State Government).



DEPARTMENTS

Department of Management Studies

The Two Year full time Master of Business Administration (MBA) program was started in the year 2010 under the affiliation of U. P. Technical University, Lucknow. The department is committed to provide state of art education at par with international standards. The department aims at promoting quality and value added education by enhancing the skills of the students, creating awareness about the trends of industry and familiarizing the students with skills for succeeding in interviews. The department also nurtures and grooms future corporate leaders by providing all support systems.

Facilities in MBA

The Department has well furnished class rooms that are well ventilated and well replete with relevant facilities. Each Classroom is attached with projector systems to bring about effective teaching. Since many students come from rural areas, sincere efforts have been made to improve their communication skills by arranging extra classes. Slow learners are taken care well, they are coached separately and their progresses are regularly monitored. More emphasis is given to the Personality of the students for which special Personality Development Programmes (PDP's) are being organized time to time.

The department has 60 State of Art Computer Systems linked to server. The lab is well equipped with latest software's where each and every system is linked with internet connectivity.

To quench the thirst of knowledge of the pupils, the college has a specious and well stocked library with approximately 8000 books, 25 journals of National and International repute and periodicals.

Companies on Call :

1. Lakshya Technologies
2. Technetra Technologies



Engineering Departments

Electronics & Communication Engineering

Established in 1999, the Department of E&C has spacious classrooms, well equipped laboratories, well qualified and experienced faculty's. The department has organized itself with the latest technological developments in the field of Electronics & Communication and has established the following state-of- the art laboratories :

- Analog & Digital Communication Laboratory
- Analog & Digital Electronics Laboratory
- Microprocessor Laboratory
- Microwave Engineering & Optical Communication Laboratory
- PCB Laboratory
- Project and R&D Laboratory

Placement Areas :

All Government / Semi-Government / Public as well as Private Sector companies like Motorola, Siemens, Wipro Technologies, Infosys Technologies, Accenture, Cognizant, BEL, BHEL, HAL, NAL, Indian Air Force, Indian Army, Indian Navy, IBM, Reliance Energy, Reliance Communications, DELL, DMRC, Indian Railways, All Software Industries, Hewlett Pacard, Canon, ISRO, DRDO, BARC, etc.

Companies on Call :

- | | |
|--------------------------------------|---------------------------|
| 1. Wipro Technologies | 4. Lakshya Technologies |
| 2. Transnational Computer LLC, Dubai | 5. Technetra Technologies |
| 3. HCL Technologies | 6. SD Infotech |
| | 7. Aquatronics |



Computer Science & Engineering

Established in 1999, the department of CS&E is amongst those departments in Engineering which has highest rate of Placements.

The Department provides state-of-the-art Computing facilities to the students through its well equipped laboratories having Unix, Linux windows 98, XP Professional, Windows 2000, and Window NT Servers configured with software such as JAVA, C, C++ , Visual Basic, Corel Draw, Oracle 8i & 9i Developer, .NET etc . Some of the laboratories of the Department are :

- Programming Laboratory
- DBMS Laboratory
- JAVA Programming Laboratory
- Mini Project Laboratory
- Software Engineering Laboratory
- Project and R&D Laboratory

Placement Areas :

This is a very potential branch of engineering which includes all Government / Semi-Government / Public as well as Private Sector companies like Wipro Technologies, Infosys Technologies, HCL Technologies, Accenture, Cognizant, Indian Air Force, Indian Army, Indian Navy, IBM, Reliance Energy, Reliance Communications, DELL, Indian Railways, All Software Industries, Hewlett Pacard, Canon, ISRO, DRDO, BARC etc.

Companies on Call :

- | | | |
|--------------|--------------------------------------|---------------------------|
| 1. Accenture | 4. Wipro Technologies | 7. Technetra Technologies |
| 2. HCL | 5. Transnational Computer LLC, Dubai | 8. SD Infotech |
| 3. TCS | 6. Lakshya Technologies | |

Electrical Engineering

Established in 1999, the vision of the department is to provide the leadership to enable India's excellence in the field of Electrical Engineering. The department is committed to advancement of the frontiers of knowledge in Electrical Engineering and to provide the students with a stimulating and rewarding learning experience. The Laboratories of the Department are modern, well equipped and cater to the needs of student in accordance with the curriculum of U.P. Technical University. Some of the major laboratories are:

- Electrical Engineering
- Power Electronics
- Network & System
- Electrical Measurement & Instrumentation
- Control Systems
- Electrical Machine Design using CAD
- MATLAB
- Project and R&D Laboratory

Placement Areas:

All Government / Semi-Government / Public as well as Private Sector companies like ABB, NTPC, NHPC, GAIL, SAIL, BHEL, L&T, UPPCL, Crompton & Greaves, Mahindra & Mahindra, Siemens, Kirlosker, Usha, Hevells, Reliance Energy, Bajaj India Ltd., Tata Motors, Motorola, PGCL, NPCIL etc.

Companies on Call:

1. Mahindra & Mahindra
2. A2Z Maintenance
3. SD Infotech
4. Aquatronics

Civil Engineering

Civil Engineering is the oldest branch of engineering. The course contents for Civil Engineering program are designed to produce competent engineers who are ready to contribute effectively to the betterment of the society. The department ensures to provide students with the fundamental technical knowledge and skills in mathematics, science and engineering to recognize and solve problems in the areas of Structural Design, Geo-technical and Environmental Engineering. The department has well equipped laboratories with most modern infrastructure to cater to the present day need of the industries. Some of these are:

- Geo Informatics Lab
- Structural Analysis Lab
- Hydraulic Machine Lab
- Transportation Lab
- CAD Lab
- Geo-Technical Lab
- Quantity Surveying Lab
- Project and R&D Lab

Placement Areas:

This branch of constructions has tremendous potential in almost all the areas that needs the new foundation. In the coming future there would be huge requirement of Civil Engineers in Government as well as Private Sectors. To name few HCC, L&T, DLF, SuperTech, GMR, ALSTOM Projects India Ltd, Patel Engineering, Tata Projects Ltd., Toyo Engineering etc. are amongst them.

Companies on Call:

1. L&T
2. Super Tech
3. DLF



Mechanical Engineering

The department ensures the availability of high quality and relevant engineering education to all aspirants as per the curriculum of the university. The department is equipped with following lab and workshop facilities:

- Fluid Mechanics Lab
- Thermodynamics Lab
- Manufacturing Science Lab
- Measurement and Metrology Lab
- Material Science & Testing Lab
- Machine Drawing Lab
- Project and R&D Lab

Workshop:

Welding Shop | Fitting Shop | Smithy & Foundry Shop | Machine Shop | Carpentry Shop | Sheet Metal Shop

Placement Areas:

The so called ever green branch of Engineering has its presence everywhere whether its Government, Semi-Government or Private concern. All the Sugar Mills, Rice Mills, Paper Mills, Companies from Power Generation to Air Trafficking, nothing is possible without Mechanical Engineering. From low level to

High level mechanism, wherever movement is needed this special branch of Engineering comes into the picture. Bharat Earth Movers, TATA Motors, Hero Motors, all the Sugar Mills, Rice Mills, Paper Mills, Wood Mills, Iron Factories falls under this technical discipline only.

Companies on Call:

1. MICO
2. Hero
3. Dhampur Sugar Mills
4. Daurala Sugar Works
5. INSEE

Bio-Technology Engineering

Any technological application that uses biological system, living organisms or derivatives thereof, to make or modify products or processes for specific use. Biotechnology is a field of applied biology that involves the use of living organisms and bioprocesses in engineering, technology, and use for similar terms includes genetic engineering as well as cell and tissue culture technologies.

Laboratories:

- Genetics & Molecular biology Lab
- Immunology Lab.
- Analytical Biochemistry Lab
- Bioinformatics Lab
- Project & R&D Lab

Placement Areas:

All the Research & Development Centers together with all Government / Semi-Government / Public as well as Private Sector companies like Sun Pharmaceutical Inds. Ltd, Shilpa Medicare Ltd, Piramal Healthcare Ltd, TTK Healthcare Ltd, Zandu

Pharmaceutical Works Ltd, Mohan Meakin Breweries Limited, Torrent Pharmaceuticals Limited, Glaxo Smith Kline Pharmaceuticals Limited, Matrix Laboratories Limited, Lupin Limited, Dr. Reddy's Laboratories Limited, Cipla Ltd., Adinath Bio-Lab Ltd, Alembic Ltd, Dr. Reddy's Laboratories Limited, Lupin Limited etc.

Companies on Call:

1. Patanjali Pharmaceuticals
2. Dhampur Sugar Mills
3. Daurala Sugar Works



Management
is doing things right while
leadership is doing right things.

FEATURES

English Speaking Laboratory

In most of the cases it has been noticed that students hesitates in communicating in English which stops their professional growth. In order to improve the communication skills of the students, the College has a English Speaking Laboratory in the College campus. The result of which is that they understand communication as a process in general and Technical Communication in particular. Besides speaking they also learn Writing Notes, Proposals, Articles, Synopsis, Reports, Making Technical Presentations, learning resume/CV Writing etc.

Campus Placement & Tie-ups

The major role of the Training & Placement Cell is to act as an interface between the corporate world and the college. The cell has a dedicated team of coordinators who maintain a well structured database which gets updated time to time and it is made available to the company as per the company norms. The entire gamut of academic activities such as industry- academia interaction, guest lectures, corporate training, seminars, and workshops are organized from time to time for strengthening corporate relations. The Training & Placement Cell also organizes the in-house training, personality development, career guidance and counselling programmes for student so as to gear them up to take on the stiff competition in the corporate world. The in-house training includes Aptitude (Logical, Analytical, Technical and Verbal), Group Discussions, and Mock Interviews to make the students well versed with the placement process.

The Placement cell of KSCSEM is focussed and has a vision of 100% placement. The College is committed to give 100% qualitative Placement for which top companies visit the campus for campus placement activities in Computer, Electronics, Electrical, Civil, Mechanical, Biotech branches of B.Tech. and MBA as well where maximum numbers of eligible students get placed. It not only provides placement assistance to KSCSEM students but to the colleges surrounding by acting as a host and inviting students from the neighbouring colleges. Besides regular in house training, the cell also organizes placement training by the industry experts. The placement cell also identifies the best Industry Expert and conducts workshops and seminars so the students get to know the latest industry requirements. It not only helps them to keep themselves updated but boosts their confidence.

Corporate Tie-ups

S.N.	Company Name	Tie-Up Type
1	Tech-Maestro Services	Industrial Internship and Industrial Visit
2	CADD Center	Industrial Internship and Manufacturing Design Education
3	Finnjobs.com	Recruitment Partner and Web-site Promotion
4	FCS Solution (Myzool IT Solution)	Industrial Internship and Recruitment Partner

Faculty-Student Relationship

The College has a unique counseling system in which students are mentored on regular basis through experienced faculty members of the college and parents / guardians are kept updated regarding their wards' progress.

Rewards & Scholarships

Through U.P State Government, the College provides 100% Scholarship to the SC/ST and Selected OBC and General students. Besides, the First Two Top Rank holders of each branch of the College are honored with the motivational and financial benefits. The College also assists the students in getting the educational loan from the banks as per the needs and rules of the bank.

Samaj Kalyan Vibhag gives the scholarship to SC/ST students. Also, the University has started a Chartra Kalyan Nidhi & Talent Incentive Scheme, under which different types of Scholarships to the students.

24 x 7 Medical Facility

The College has a panel of doctors to deal with the emergency situations. However is there is a tie-up with Sir Ganga Ram Hospital, Delhi where the students can avail medical facilities at the nominal rates.

The College also has Acupuncture and Acupressure treatment within campus itself.





The close-knit relationship between students and faculty is a reality at VIRA



Living in the residence hall means that you're surrounded by hundreds of different eyes, ears, minds, and hearts.



Hostel

The College has separate on-campus hostels for both Boys and Girls. All the required basic amenities like 24 hours power supply, telephone, water coolers with aqua guard purifier, news paper and magazines, television in common room, guest rooms etc, are provided to the hostellers.

Additional Facilities :

- A/c Rooms
- Library
- Net-surfing
- Mess & Canteen
- Medical

Mess & Canteen

Both the boys and girl hostels have messes which are well equipped to serve fresh and sumptuous food to the students. These messes are furnished with all necessary facilities to take care of the food requirement of the resident and non-resident students. The charges are nominal. The college has a beautiful, serene canteen in the lawns of the campus for the students and the staff.

Library

The library has a rich collection of text books and journals along with reference books on various aspects of Engineering & Management related subjects. The library has around 45,000 books of different disciplines. The College library is a member of DELNET (Developing Library Network), through which the students may have access to books, periodicals, articles etc from premier institutes of the country.

Book Bank Facility

For General / OBC students, the College provides excellent book bank facilities at nominal charges. However, this facility is free for SC/ST candidates.

Sports Complex

1. Cricket Ground
2. Hockey Ground
3. Football Ground
4. Volleyball Ground
5. Billiard / Snooker
6. Badminton (Indoor / Outdoor)
7. Table Tennis /Lawn Tennis
8. Gymnasium (separate for Boys and Girls)





We encourage different disciplines to communicate, exchange ideas and work together.

HIGHLIGHTS



- First College in Western U.P. & Uttarakhand
- 15 years of academic excellence
- 12 batches of B.Tech. and 3 batches of MBA passed out
- Situated in the heart of the city
- Corporate infrastructure
- Minimum Tuition Fee & Hostel Fee
- Qualitative Placement & Industrial Tie-ups.
- Library with more than 45000 Books/Volumes/Journals
- Scholarship & Rewards
- Discipline(Anti-Ragging Squad/Women Grievance Cell)
- Student Support Cell
- Motivational Lectures
- International Journals
- National Level Laboratories
- Sports Complex
- Transport Facility
- R&D Facilities
- Book Bank Facility
- Dedicated & Experienced faculties.
- Well Furnished Auditorium /Theatre/ Conference Hall
- College Campus & Classroom monitoring through CCTV Cameras
- 24*7 Medical Facility
- 24*7 Internet Connectivity
- 24*7 Power & Water backup





CONTACT



Estd. : 1999

(Approved by AICTE, New Delhi & Affiliated to U.P. Technical University, Lucknow)

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