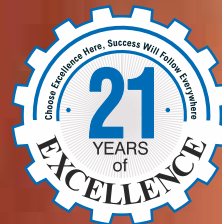


Prospectus

- ◆ M.B.A.
- ◆ B. Tech.
- ◆ B. Ed.
- ◆ D. Pharm
- ◆ Polytechnic
- ◆ I.T.I.



www.kcnit.ac.in



KCNIT GROUP OF INSTITUTIONS

KCNIT Campus, Naraini Road, Banda (U.P.) 210001

About Bundelkhand



'Bundelkhand' comprises districts of U.P. & M.P. -Jhansi, Lalitpur, Jalaun, Hamirpur, Mahoba, Banda, Chitrakoot of Uttar Pradesh, and Datia, Tikamgarh, Chhatarpur, Panna, Sagar and Damoh of Madhya Pradesh. The glorious past of Bundelkhand is well-known not only to the people of this region but to the entire nation. Apart from the historic role of Rani Laxmi Bai of Jhansi during India's First War of Independence in 1857, places like Khajuraho (famous for its unique erotic style of architecture in a cluster of temples) and the partly dilapidated Fort of Kalinjar are now popular places of tourist attraction.



ABOUT BANDA

Banda, the headquarters of the 'Chitrakoot Dham Mandal' of U.P. lies south of the Yamuna River in the Bundelkhand region. It is well connected to major cities by railways and state highways. Banda is famous for its semi-precious Shajar Stone used for making jewellery.

CHAIRMAN'S

MESSAGE



Kali Charan Nigam Institute of Technology (KCNIT) was established in the year 2002, in Banda (U.P.) to provide quality education in engineering, leading to a B.Tech. degree. Over the years KCNIT has expanded into a Group of Institutions which provides various courses in Engineering, Management and Education.

We, the members of the KCNIT family, always strive to provide an atmosphere conducive to the academic pursuits and multidimensional growth of our students. Our basic aim is to produce capable, confident and knowledgeable technocrats, managers, entrepreneurs and trained teachers with business skills and the mettle to excel in any given situation. Hence, every possible effort is made by our meritorious and dedicated faculty to bring out the latent talent of our students and mould them in accordance with the competitive needs of the present times.

Our modern infrastructure viz, Computer Centre, Digital Library, Laboratories, Workshops and a fully Wi-Fi enabled Campus facilitate students' academic enterprise impeccably.

We are not delimited by conventional methods of classroom study as per the prescribed syllabus. Seminars, symposia, workshops and lectures by eminent scholars are regularly arranged for students to help them inculcate and develop an innovative vision and an original approach. Additionally, we also extend our full support to our students in honing their communication skills, creative thinking abilities, adherence to moral values and the inculcation of an intrinsic sense of responsibility towards the nation. We also provide them necessary training apropos current corporate requirements. Presently, thousands of our alumni are well placed in national as well as multi-national companies in India and in major cities of the world.

I heartily welcome all new aspirants!

Thanks!

Arun Kumar Nigam
Chairman, KCNIT Group

ABOUT

THE INSTITUTE



Kali Charan Nigam Institute of Technology (KCNIT) was established in 2002, under the aegis of Banda Education Centre in Banda, the headquarters of 'Chitrakoot Dham Mandal', Uttar Pradesh. The Institute with air-conditioned facility (Classrooms, Library, Conference hall, Labs etc.) is approved by the All-India Council for Technical Education (AICTE), Ministry of Human Resource Development, Government of India, New Delhi, and is affiliated to Dr. A.P. J. Abdul Kalam Technical University, Lucknow (AKTU).

My **KCNIT**
CAMPUS



Mission



We dedicate and commit ourselves in achieving, sustaining and fostering excellence in Technical Education. To this end, we will pursue the continuous development of our infrastructure and ensure state-of-the-art equipment to provide our students a technologically up-to-date and intellectually inspiring environment of learning, creativity and professional activity. The inculcation of ethical and moral values being integral to the KCNIT philosophy, we persevere in its sustained application in all our efforts.



Vision



To emerge as a “Centre of Excellence” offering technical education and professional opportunities of very high standards to students; to foster holistic development of individuals and to instill high levels of discipline, and to strive to set global benchmarks, making our students technologically superior and ethically strong, so that they may in turn contribute to the advancement of our society, nation and humankind.



Bachelor of Technology

Branch

Computer Science & Engineering

Mechanical Engineering

Electrical & Electronics Engineering

Civil Engineering

Four Year Bachelor Degree Course

Under Graduate Degree Programme

B. Tech.

Approved by All-India Council for Technical Education (AICTE), Ministry of Human Resource Development, Government of India, New Delhi, and affiliated to Dr. A. P. J. Abdul Kalam Technical University, Lucknow (U.P.)
Lucknow (U.P.)

Admission Procedure (Eligibility)*

A candidate must be a JEE Main rank holder or must have passed the Intermediate Examination of U.P. Board or 10+2 level examination or its equivalent from any recognized Board / University, without grace, in each of the required compulsory subjects i.e. Physics, Maths and Chemistry/ Technical Vocational subject, securing a minimum of 45% marks in the GENERAL/OBC categories and 40% marks in the SC/ST categories, in the aggregate. (*as per AKTU guidelines). Even JEE (Main) rank holders must have a 'pass' certificate of 10+2 stage.

Course Offered

B.Tech.

Computer Science & Engineering

The Computer Science & Engineering Department is a self-driven proactive nerve centre, which caters to the ever-growing technology in the sphere of academic research and training, needs of computing concepts, tools and techniques in the profession of Computer Science. The department has a strong team of accomplished faculty members who have the advantage of extensive experience & dedication in this particular domain.

The mission of the Computer Science Department is to shape students to be innovative, entrepreneurial, supportive, and job oriented. Our advanced curriculum prepares students for career opportunities in different areas.



Pride of Bundelkhand

KCNIT

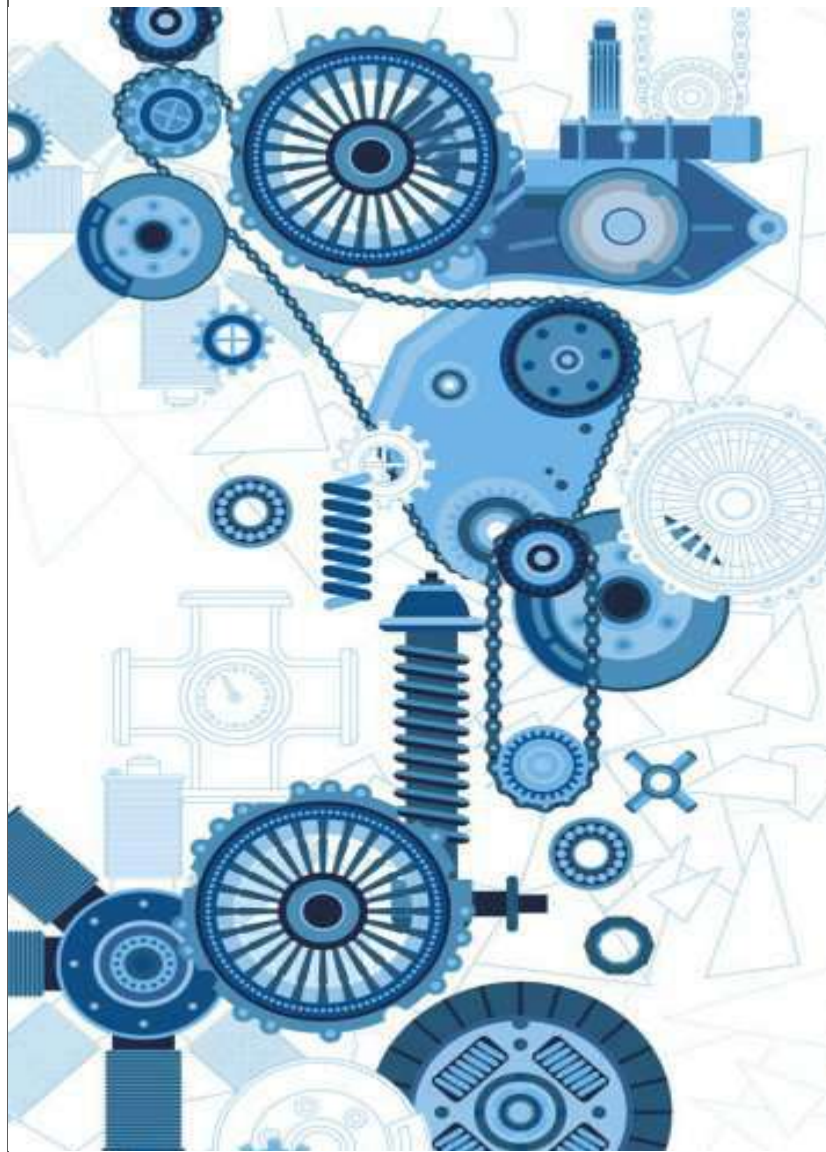
Kali Charan Nigam Institute of Technology, Banda

College Code : 139

Kali Charan Nigam Institute of Technology, Banda

Bachelor of Technology

Mechanical Engineering



Lateral Entry (Second Year) B. Tech.

A candidate must have obtained a three- year Diploma in an Engineering course, securing a minimum of 45% marks in the General & OBC categories, and 40% marks in the SC/ ST categories in the aggregate, or must possess a three-year B.Sc. degree, having passed 10+2 exam with Mathematics as one of the subjects, having secured a minimum aggregate of 45% in the General & OBC categories and 40% in the SC/ST categories as per details available on AKTU (Dr. A. P. J. Abdul Kalam Institute of Technology) website.

Course Offered

B.Tech.

Mechanical Engineering is an old as well as versatile field. Today, Mechanical Engineering covers wide areas which include generation and transmission of mechanical as well as non-conventional energy.

The salient features of Mechanical Engineering are analysis, synthesis and manufacturing. Analysis is concerned with the structures in which numbers of devices are housed. Design is the process of deciding shapes and sizes of various components and synthesis involves putting these components together.

Laboratories in the department are equipped with advanced manufacturing machines, different types of two stroke - four stroke engines, advanced lathe machines, universal testing machines, torsion testing machines, turbines, boilers, automotive heat furnaces etc.

Pride of Bundelkhand

KCNIT
Kali Charan Nigam Institute of Technology, Banda

College Code : 139

**Kali Charan Nigam Institute of
Technology, Banda**

Bachelor of Technology

Electrical & Electronics Engineering

Electrical and Electronics Engineering is a field of engineering that generally deals with the study and application of electricity, electronics and electromagnetism. Electricity is the only form of energy which is easy to use, control and transport. So, it is the terminal form of energy for transmission and distribution.

It also deals with the study, design, development and utilization of electronic devices. Therefore, this branch of electronics is considered an integral part of electrical engineering.



Course Offered

B.Tech.

Civil Engineering



Civil Engineering is the Base of Engineering. Civil engineers conceive, design, build, supervise, operate, construct and maintain infrastructure projects and systems in the public and private sector, including roads, buildings, airports, tunnels, dams, bridges and systems for water supply and sewage treatment. A civil engineer is concerned with determining the right design for these structures and looking after the construction process so that the longevity of these structures is guaranteed after completion. These structures should also be satisfactory for the public in terms of comfort.

The goal of the department is to produce high-quality technical manpower needed in industry, R&D organizations, academic institutions and above all, to meet the engineering needs of the nation.

Pride of Bundelkhand

KCNIT
Kali Charan Nigam Institute of Technology, Banda

College Code : 139

Kali Charan Nigam Institute of Technology, Banda

Master of Business Administration

Course Offered

M.B.A.



Two Year Master Degree Course

Post Graduate Management Programme

M.B.A.

Approved by All-India Council for Technical Education (AICTE), Ministry of Human Resource Development, Government of India, New Delhi and affiliated to Dr. A. P. J. Abdul Kalam Technical University, Lucknow (U.P.)

It is essentially an administration and management advancement programme. The principal goal of this programme is to confer administrative and managerial abilities to help students enhance their identity as well as light up their future professional prospects.

An MBA degree offers many professional as well as personal benefits. Whether you work in technology, finance, management, marketing, manufacturing or any other familiar field, an MBA degree will open up opportunities for greater responsibility, career advancement and increased financial reward.

Three fields of MBA specialization are offered in the Institute -

- Finance
- Marketing
- Human Resource

Admission Procedure (Eligibility)*

A candidate must have passed a Bachelor's Degree course of three years' minimum duration from any recognized Indian University or its equivalent or recognized by the Association of Indian Universities (A.I.U.) and must have secured a minimum of 50% for GEN/OBC categories and (45% for SC/ST) marks in the aggregate. (*as per AKTU guidelines)



Diploma in Pharmacy

Course Offered

D. Pharm

Two Year Diploma Course

Diploma in Pharmacy

Approved by Pharmacy Council of India (PCI 2022), Ministry of Human Resource Development, Government of India, New Delhi. It is affiliated to Board of Technical Education (Uttar Pradesh).

Admission Procedure (Eligibility)*

The candidate should be a JEECUP rank holder or should have passed 10+2 with Biology or Mathematics (as per board of Technical Education norms). The candidates who have passed PCM (Physics, Chemistry and Maths) or PCB (Physics, Chemistry and Biology) in their 10+2 are eligible for D. Pharm admission.

The Diploma in Pharmacy programme focuses on practical and skill-oriented training in health and medicine. It aims to provide job-oriented pharmacy knowledge and scientific skills required in Pharma industries (public & private pharmacy sector). The technical knowledge acquired by the students provides them with the ability to apply problem-solving techniques in their pharmacy profession. After completion of the course, the candidate will get a license for a medical store.



Pride of Bundelkhand

KCNIT
GROUP OF INSTITUTIONS

**Vidyawati Nigam Memorial
College of Pharmacy, Banda**

Polytechnic Diploma Course

Branch

Computer Science & Engineering

Mechanical Engineering

Electrical Engineering

Civil Engineering

Three Year Diploma Course

Polytechnic

Approved by All India Council for Technical Education (AICTE), Ministry of Human Resource Development, Government of India, New Delhi
it is affiliated to Board of Technical Education (Uttar Pradesh).

Admission Procedure (Eligibility)*

The candidate should be a JEECUP Rank Holder or should have passed Class 10 with Science & Mathematics (as per Board of Technical Education norms). Even JEE (Main) rank holders must have a 'pass' certificate of 10+2 stage.

Lateral Entry (Second Year)

Admission in Diploma second year (*as per Board of Technical Education norms)

Course Offered

Polytechnic

The Diploma in Engineering programme focuses on practical and skill-oriented training. Its aim is to provide job-oriented engineering knowledge and scientific skills required in industries (public as well as private sectors). The technical knowledge also provides students with the ability to apply problem-solving techniques.

The Institute offers courses in –

- (1) Civil Engineering
- (2) Mechanical Engineering
- (3) Computer Science & Engineering
- (4) Electrical Engineering



Pride of Bundelkhand

KCNIT

Kali Charan Nigam Institute of Technology, Banda

College Code : 3337

Kali Charan Nigam Institute of Technology, Banda

Bachelor of Education

(Science and Arts)



Two Year Bachelor Degree Course

Under Graduate Degree Programme

B. Ed.

It is approved by National Council for Teacher Education (NCTE), New Delhi, and affiliated to Bundelkhand University, Jhansi (U.P.)

Admission Procedure

Admission will be granted on the basis of marks obtained in the State Entrance Examination conducted by the U.P. State Government.

Course Offered

B. Ed.

The Bachelor of Education is a professional course that prepares trained teachers for primary to senior secondary level teaching.

The purpose of this programme is to bring about integrated development of trainee teachers touching upon cognitive and non-cognitive aspects of their behaviour. It also helps prepare them to take care of children, impart knowledge and own responsibility towards society. It is primarily a practical-oriented programme laying stress on practical activities like internal assessment, project work, sessional work, internship in teaching practice, and the introduction of innovative ideas for conducting practical activities. This programme is geared towards fashioning reflective teachers with creative and positive attitudes for the craft of teaching.



B.Ed. College Code : 719

KCNIT College of Education, Banda

Industrial Training Institute

Trade

Electrician

Fitter

Two Year Certificate Course

I.T.I.

Approved by Rajya Vyavsayik Pariksha Parishad (State Council for Vocational Training) Uttar Pradesh, it is affiliated to National Council for Vocational Training (NCVT), Government of India.

Admission Procedure

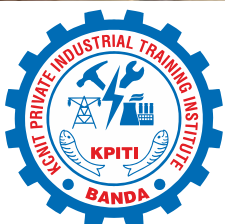
The candidate should have passed the 10th class Examination with Science & Mathematics or its equivalent without grace in Maths and Science.

Course Offered

I.T.I.

The KCNIT (Private) Industrial Training Institute was established in 2015. It is an NCVT-approved Institute of Bundelkhand region.

The Institute has fully equipped laboratories and conducts workshops with highly trained faculty. Students can perform each 'practical' related to their trade efficiently. It has a rich library which provides all necessary books for each student and also has a computer centre with Internet facility. After successful completion of ITI training, students can opt for Government as well as private jobs or can be self-employed skilled entrepreneurs.



KCNIT (Private) Industrial Training Institute

THE

Campus



The Institute is housed in its own self-contained, air-conditioned, Wi-Fi campus covering a huge area of prime land in Banda City. It is a blend of architecture and functional convenience. It has multi-storeyed academic, administrative & hostel blocks. It has come up as a most prestigious set-up that provides the perfect learning environment to its students.





THE

Campus

Features -

1. Air-conditioned Conference Hall, Seminar Rooms, Classrooms & Lecture Theatres with Multimedia Projector facilities.
2. Well-stocked air-conditioned Digital Library with a seating capacity for more than 400 students.
3. Well-equipped laboratories with precision instruments and apparatus.
4. State-of-the-art air-conditioned Computer Centre with 400 computers.
5. Access to Internet browsing through a leased line of 64 MBPS and BSNL-100 MBPS.
6. Well-furnished in-campus separate hostels for boys and girls with 24-hour power backup.
7. Spacious canteen serving hygienically cooked food, snacks, etc.
8. Sufficient indoor and outdoor games/sports facilities.
9. Nationalised bank ATM (24X7) in the campus.
10. Fully Wi-Fi campus & hostels.



Workshop &

LABORATORIES



The Institute has excellent laboratories and conducts workshops as per the syllabus of Dr. A.P.J. Abdul Kalam Technical University, Lucknow (AKTU). These are professionally managed and are spacious enough to allow students sufficient working mobility and a conducive environment. The machines, instruments and apparatus are carefully selected to ensure proper practical knowledge to students in different fields. Both, faculty members, as well as students are encouraged to prepare and assemble experimental kits on their own. Visits to regional industrial units are also arranged to provide students wider exposure and experience in the practical field.



GYM

A well-equipped Gymnasium with modern machines is available within the campus for students.



LIBRARY

Our air-conditioned digital library has a wide variety of about 27500 books of Indian as well as foreign publishers. Books on various branches of Engineering, Management, Diploma and other subjects of general interest are available in the Institute library.

A separate well-stocked library with subject and reference books for Bachelor of Education (Science & Arts) has been established.

The library has e-book facility by DELNET, KOHA Software and is equipped with printing & photocopying facilities. About 100 research journals, magazines, periodicals and eight different newspapers are subscribed for updating the knowledge of faculty members and students.

Covering an area of over 10,000 square feet, the Institute library provides seating facility for about 400 students. CD-DVD ROM facility is also available for latest reference in various fields of Engineering, Management and Diploma. The Institute intends to encourage students to seek maximum benefit from the library and Book Bank facilities.



HOSTELS

Boys &
Girls

K CNIT offers comprehensive hostel facilities within the Institute campus. We understand that most students have left their homes for the first time. We strive to make the transition as smooth as possible by offering comfortable and safe hostels within the campus and creating a homely atmosphere.



The Institute offers separate comfortable hostels for boys and girls with a hostel warden deputed in each hostel to supervise day to day management. All rooms have been designed to provide adequate moving space and ample air

and light. Each hostel has its own mess facilities that provide hygienic and nutritious meals daily. Our Institute makes all possible efforts to provide the best of services and facilities within the hostels.

Facilities

- Hostels have 24X7 electricity.
- Adequate ventilation and lighting
- Air cooler facility within the rooms on the basis of nominal extra payment.
- Internet connectivity through Wi-Fi systems
- Entertainment Hall with Dish TV and indoor games like carrom, chess etc.
- Facilities for outdoor games like cricket, badminton, volleyball, basketball etc.
- Hygienic and nutritious food
- 24-hour security



CANTEEN

Hygienically cooked food is served to students in a clean and spacious environment. Special attention is paid by the Management to ensure that the food items (meals, snacks etc.) are delicious as well as nutritious.

MESS



CLUBS & COMMITTEES

The Institute emphasizes overall development of students and is conscious that learning is not confined only to classrooms. The Institute has a number of active cultural, literary and technical clubs & committees involved in multifarious activities all year round. The departmental technical clubs & committees provide a platform to students whereon they can enhance their practical skills by conducting and participating in technical contests, paper presentations, seminars and a plethora of similar activities. Such bodies are managed by students under the assistance and guidance of faculty coordinators.

The cultural and literary bodies encourage students to showcase their talent through various events during Institute functions. A variety of cultural, technical and sports events are organised annually.



PRAYAS CLUB

The KCNIT Prayas Club is a programme organised by students for the observance of social responsibility. These activities include promoting education, preventative healthcare, gender equality, environmental sustainability and rural development projects.



E-GOVERNANCE CLUB

The E-Governance Club is a dedicated team work for the society and technology. The main aim of the E-Governance Club is to develop technical and social values. With this motive as the leitmotif, we pick important social topics and present them technically through our website. Through this endeavour we seek to contribute our mite to social responsibilities within our field.

THE INTELLECTUALS' CLUB

The main objective of this Club is to reduce the gap between senior and junior scholars and also to provide a common platform for interaction and the development of the overall personality of students. This club focuses on the removal of hesitation, reduction of stage fear and transformation of students' weaknesses into their strength. For the welfare of society, this club organises slum education programmes, personality development workshops, technical quizzes etc.



WOMEN EMPOWERMENT CLUB

GIVE WOMEN Rights
responsibilities
respect

The World is **YOURS**

There is no force equal to a woman determined to rise.

KCNIT SANGINI

WOMEN EMPOWERMENT INITIATIVE



KCNIT has established a Women's Empowerment Club on the Institute campus to empower girl students, to sensitize all issues related to women (students and faculties both) and to make the campus a safe place for girl students and faculty members. It also provides a platform for women to share their experiences and views regarding their status in society and to suggest ways to improve and empower themselves.

Aiming at intellectual and social upliftment of girl students, the Club stands for facilitating women's empowerment through guest lectures, seminars, awareness programmes and other welfare activities.

The Club has organised various programmes for girl students. To name a few:

1. Speech competitions on "Women's Rights or Women's Empowerment".
2. Skit competitions on "Importance of Women Education".
3. An open forum "Sankalp Nari Ke Samman Ka".
4. Health Awareness Programmes for lady staff as well as girl students of our Institute.
5. Poster making competitions on "Save the Girl Child".
6. Poetry competitions on the theme 'Women'.
8. Seminars on "Stop Violence Against Women".





TECHNICAL FEST



“Techmanthan” is an annual technical event jointly organised by the Engineering, Management, B.Ed., Polytechnic and I.T.I students in the KCNIT campus. This platform has been created to promote awareness of advancements in respective fields and to showcase the technical expertise and talent of students. It is a means for building scientific culture, team spirit and for tapping creative minds. The highlights of the events include various competitions viz: Innovative Project ideas (Aavishkaar), Circuitrix, Best Out of Waste, Role Playing, Mechizmo, Extempore, C Geeks, Codex, Rangoli Competition, Paper Presentation, Sherlocked, Techno Brains, Add Mad Show, Poster-Presentation etc.



Tarang

ANNUAL FEST



At KCNIT, we encourage a break from the study routine, to rejuvenate the mind and body and to bring out latent talent and nurture it to add a new dimension to students' overall well-being. The Institute has been conducting many events to develop necessary skills among students. The annual cultural festival "Tarang" is the essence of joy, colour, fun and music. It provides a recreational break to students from the busy schedule of learning and training.





Winners
NEVER QUIT
AND
Quitters
NEVER WIN



The objective of this annual event is not only to improve the sports skills of students but also to enhance a healthy spirit of competition and positive zeal amongst them.



Training &

PLACEMENT CELL



The Training & Placement Cell handles all aspects of campus placements for graduating students. This Cell also organises seminars, group discussions and mock interviews as a part of career guidance and personality development. The Cell is well-equipped with excellent infrastructure and necessary experts to support every stage of the placement process for our students. A systematic, structured training for the purpose of enhancing students' qualities in the area of aptitude, technical skills and soft skills is conducted regularly in the Institute for pre-final year and final year students.

The Training & Placement Cell is assisted by a committee comprising representatives of students from under-graduate and post-graduate streams.



HASTREE
TECHNOLOGIES

Affinity
EDUCATIONAL
CONSULTANTS

PLANETSPARK

uCertify
indiamart.com
Source > Supply > Grow

JUBILANT
FOODWORKS

KPRELIABLE

Training &

PLACEMENT CELL



Our dedicated team aims to:

- Look after the training and placement activities of students.
- Have close cooperation with industry for placement of students.
- Prepare students for the corporate world and collect feedback from companies coming for placement.
- Arrange Industry Expert Workshops, Guest Lectures and Industrial Visits.
- Conduct various Training Programmes for developing technical skills as well as soft skills.
- Identify relevant placement firms for students' final placements, internship programmes and live projects.
- Administer the placement of students with firms, including location of placement firms, agreement of job specifications and liaison with employers.
- Provide Career guidance and support to students.
- Act as the primary contact between the employer and the Institution.



We organize technical as well as non-technical training for the overall development of students.

AutoCAD/CATIA/Solid Works/Pro E for B. Tech. Civil and Mechanical Engineering students.

JAVA / NET for B.Tech. Computer Science & Engineering students.

MATLAB / Embedded System for B. Tech. Electrical & Electronic students.

INDUSTRIAL

Visit



Industrial visits are an integral part of professional (B.Tech./MBA) courses, during which students visit companies and get valuable insight into the internal working environment of a company.

Industrial visits sensitize students to practical challenges that organisations face in the business world. In accordance with this pivotal aspect of students' training we have been regularly organising industrial visits to various organisations like MCN Solutions & Nimbus, Noida, Hankhul Packwell (P) Ltd. Jhansi, the Lohia Group of Companies Kanpur, Brindaban Bottlers Pvt. Ltd. Lucknow, the Indian Telephone Industry Limited Raebareli, HCL Noida, Ultra Tech Cement Plant Lucknow, Mycem Cement Plant Jhansi, Cetpa InfoTech Lucknow, and many more.





My **KCNIT**
CAMPUS



बुन्देलखण्ड प्रतिभा सम्मान



As part of the observance of social responsibility, KCNIT started an annual event 'Bundelkhand Pratibha Samman' in the year 2011. Through this event, the Institute provides a platform to the youth of the region to showcase their talent. The aim is to identify and recognize budding talents through various quiz competitions and to motivate them with apposite recognition.

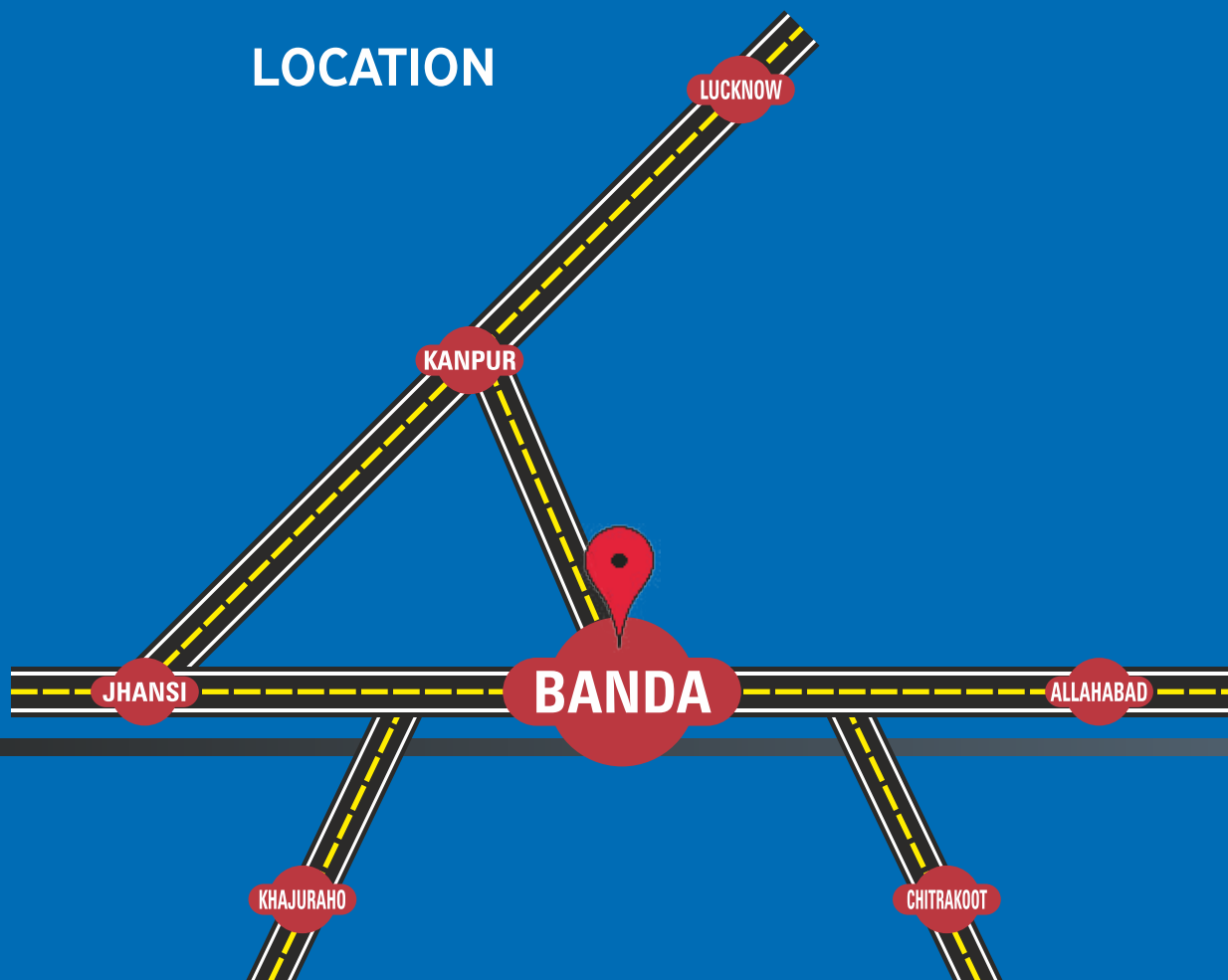




बुन्देलखण्ड
प्रतिभा सम्मान



LOCATION



KCNIT
GROUP OF INSTITUTIONS, BANDA

 website

www.kcnit.ac.in

 email

myfriend@kcnit.ac.in

 SMS

"HELLO" to 094151 29400

 facebook

www.facebook.com/bandakcnit

Call : 9721454385, 9721454390, 9721454391