

Prospectus

- ↳ M.B.A.
- ↳ B. Tech.
- ↳ B. Ed.
- ↳ Polytechnic
- ↳ I.T.I.

www.kcnit.ac.in

KCNIT GROUP OF
INSTITUTIONS

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

About Bundelkhand



'Bundelkhand' comprises of seven districts of southern UP and six districts of northern MP -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 historic role of Rani Laxmi Bai of Jhansi during India's First War of Independence in 1857, the places like Khajuraho (famous for its unique erotic style of architecture in a cluster of temples) and partly dilapidated Fort of Kalinjar are now popular places of tourist attraction.

ABOUT BANDA

Banda, the headquarter of '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 engineering education leading to 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 KCNIT family, always strive to provide an atmosphere conducive to 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 talent of our students and carve them in accordance with present needs. Our modern infrastructure viz, Computer Centre, Digital Library, Laboratories, Workshops, Wi-Fi Campus etc. are well suited to the needs of our students.

We do not merely believe in conventional method of classroom study as per prescribed syllabus. Besides, we also arrange seminars, symposiums, workshops and lectures by eminent scholars for students to help them develop innovative vision and original approach within themselves.

Additionally, we also extend our full support to our students in order to improve their communication skills, creative thinking abilities, moral values and sense of responsibility. We also provide them necessary trainings as per current corporate requirements. Presently, thousands of students passed out from our Group of Institutions are well placed in national as well as multi-national companies in India and major cities of the world.

I heartily welcome all new aspirants.

Thanks!

Arun Kumar Nigam
Chairman, KCNIT Group

ABOUT

INSTITUTE



Kali Charan Nigam Institute of Technology (KCNIT) was established in 2002 under the aegis of Banda Education Centre in Banda, the headquarter of "Chitrakoot Dham Mandal", Uttar Pradesh. The air-conditioned campus of Institute is approved by All India Council for Technical Education (AICTE), Ministry of Human Resource Development, Government of India, New Delhi as well as Uttar Pradesh State Government. It is affiliated to Dr. A.P.J. Abdul Kalam Technical University, Lucknow (AKTU).

My **KCNIT**
CAMPUS



Mission



We dedicate and commit ourselves to achieve, sustain and foster excellence in Technical Education. To this, we will pursue continuous development of infrastructure and enhance state-of-the art equipment to provide our students a technologically up-to-date and intellectually inspiring environment of learning, creativity, professional activity and inculcate ethical and moral values in them.

Vision



To emerge as a “Centre of Excellence” offering technical education and professional opportunities of very high standards to students, develop the total personality of the individual and instill high levels of discipline and strive to set global standards, making our students technologically superior and ethically strong, who in turn shall contribute to the advancement of our society, nation and humankind.



Bachelor of Technology

Branch	Annual Intake
Computer Science & Engineering	90
Electronics & Communication Engineering	120
Mechanical Engineering	90
Electrical & Electronics Engineering	60
Civil Engineering	60

Four Years Bachelor Degree Courses

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 as well as Uttar Pradesh State Government.

It is affiliated to Abdul Kalam Technical University,

Admission Procedure (Eligibility)*

UPSEE Rank Holder OR For admission in B.Tech. first year, a candidate must have clearly passed Intermediate Examination of U.P. Board or 10+2 level examination or its equivalent from any recognized Board / University without grace in required each compulsory subjects i.e. Physics, Maths and Chemistry/ Technical Vocational Subject and securing minimum 45% marks for GEN / OBC and 40% marks for SC / ST Category candidates in aggregate. (*as per AKTU guidelines)

Course Offered

B.Tech.

Computer Science & Engineering

The Computer Science & Engineering Department is a self-driven proactive nerve center, 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 is having strong team of faculty members with well experience & dedication in different domain.

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



Bachelor of Technology

Electronics & Communication Engineering

Electronic and Communication Engineering denotes a broad engineering field that covers domains such as analog electronics, digital electronics, consumer electronics, embedded systems and power electronics. Electronics Engineering deals with implementation of applications, principles and algorithms developed within many related fields, for example solid-state physics, telecommunications, control systems, radio engineering, signal processing, systems engineering, computer engineering, instrumentation engineering, electric power control, robotics, and many others.

The department has state-of-the art, fully equipped lab focused towards nurturing young minds in practical aspects besides theoretical back ground.

Lateral Entry (second year) B. Tech.

Candidate must have passed three years Diploma in Engineering course, securing minimum 45% marks for General & OBC and 40% marks for SC/ST category in aggregate or three years B.Sc. degree plus having passed 10+2 exam. with Mathematics as one subject, securing minimum aggregate marks of 45% for General & OBC and 40% for SC/ST category as per details available at AKTU website.

Course Offered

B.Tech.

Mechanical Engineering

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 size of various components and then to synthesize as to how to put 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 machine, turbines, boilers, automotive heat furnaces etc.

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

Master of Business Administration

Annual Intake : 60



Course Offered

M.B.A.

It is essentially an administration advancement program. The principle goal of this programme is to confer administrative abilities to help students in enhancing their identity as well as light up their future profession 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 specialization of MBA are offered in the Institute -

- Finance
- Marketing
- Human Resource

Two Years Master Degree Courses

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 as well as Uttar Pradesh State Government.

It is affiliated to Abdul Kalam Technical University,

Admission Procedure (Eligibility)*

UPSEE Rank Holder or For admission in MBA first year, a candidate must have passed Bachelors Degree course of three years minimum duration from any recognized Indian University; or its equivalent, recognized by Association of Indian University (A.I.U.) securing minimum 50% (45% for SC/ST) marks in aggregate. (*as per AKTU guidelines)

Polytechnic Diploma Course

Branch	Annual Intake
Civil Engineering	60
Mechanical Engineering (Production)	60

Three Years Diploma Courses

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)*

JEE Rank Holder or 10th class passed with Science & Mathematics (As per Board of Technical Education norms)

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 provide students the ability to apply problem solving techniques.

Institute offers courses in –

- (1) Civil Engineering
- (2) Mechanical Engineering (Production)



Bachelor of Education

Annual Intake : 100
(Science and Arts)



Two Years Bachelor Degree Courses

Under Graduate Degree Programme

B. Ed.

Approved by National Council For Teacher Education (NCTE), Jaipur and Affiliated to Bundelkhand University, Jhansi (U.P.)

Admission Procedure

Admission on the basis of State Entrance Examination conducted by U.P. State Government.

Course Offered

B. Ed.

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

The purpose of this programme is to bring about integrated development of trainee teachers touching cognitive and non – cognitive aspects of their behavior. It will also help to prepare them to take care of children, impart knowledge, own responsibility towards the society. It is primarily practical oriented programme giving stress on practical activities like internal assessment, project work, sessional work, internship in teaching practice and introducing the innovative ways for conducting practical activities. This programme will develop 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 Years Certificate Courses

Certificate Programme

I.T.I.

Approved by Vyavsayik Pariksha Parishad Uttar Pradesh. It is affiliated to National Council on Vocational Training (NCVT) Government of India

Admission Procedure

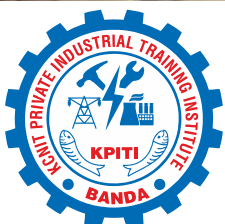
Passed 10th class Examination with Science & Mathematics or its equivalent without grace in Maths and Science

Course Offered

I.T.I.

KCNIT (Private) Industrial Training Institute was established in 2015, which is NCVT approved Institute of Bundelkhand region.

The Institute has fully equipped labs and workshops with 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 lab with internet facility. After successful completion of ITI training, students can opt Government as well as Private jobs or can be self employed skilled worker.



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-storey academic, administrative & hostel blocks. It is coming up as a most prestigious set up that provides 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 seating capacity for more than 600 students.
3. Well equipped laboratories with precision instruments and apparatus.
4. State-of-the-art air-conditioned Computer Centre with 600 computers.
5. Access to Internet browsing through leased line from BSNL-40 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. Nationalized bank's ATM (24X7) in the campus.
10. Totally Wi-Fi campus & Hostels.



Workshop &

LABORATORIES



The Institute has excellent laboratories / 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 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 some experimental kits on their own. Visits to regional industrial units are also arranged to provide students wider exposure and experience in practical field.



GYM

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



LIBRARY

Air-conditioned digital library has 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) is established.

Library has a facility of e-book by DELNET, KOHA Software and equipped with printing & photocopy 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 600 students. CD-DVD ROM facility is also available for latest reference in various fields of Engineering, Management and Diploma. It is the Institute's intention to encourage students to take maximum benefit of library and Book bank facilities.



HOSTELS

Boys & Girls

KCNIT offers comprehensive hostel facilities within the Institute campus. We understand that most of students are moving away from their home for the first time. We strive to make the transition as smooth as possible by offering comfortable and safe hostels within the campus, providing a homely atmosphere.



Institute offers separate comfortable

hostels for boys and girls with hostel warden 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

providing hygienic and nutritious meals daily.

Our Institute makes all possible efforts to provide the best of services and facilities within the hostels.

Facilities

- Hostels are having 24X7 electricity.
- Adequate ventilation and lighting.
- Air cooler facility within the rooms on the basis of extra nominal payment.
- Internet connectivity through Wi-Fi systems.
- Entertainment Hall with Dish TV and indoor games like carrom, chess etc.
- Hot water in winters.
- Facilities for outdoor games like cricket, badminton, Volley ball etc.
- Campus clinic with ambulance to provide medical assistance to students 24X7.
- Hygienic mess with vegetarian meals only.
- 24 hours security
- Gymnasium
- Laundry on payment basis.



CANTEEN

Hygienically cooked food is served to students in the 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.



CLUBS & COMMITTEES

The Institute emphasizes upon overall development of students and is conscious that learning is not confined to class rooms only. The Institute has a number of active cultural, literary and technical clubs & committees involved in multifarious activities all round the year. The departmental technical clubs & committees provide a platform to students where 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 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 organized as per schedule.



PRAYAS CLUB

KCNIT Prayas club is a programme organized by students for social responsibility. These activities include promoting education, preventative healthcare, gender equality, environmental sustainability and rural development projects.



E-GOVERNANCE CLUB

E-Gov Club is a dedicated team working for the society and technology. The main aim of the E-Gov Cell is to develop technical and moral values. Likewise, we take some social topics and present them technically through website because we belong to the technical field. Through this we complete our social responsibilities within our field.



THE INTELLECTUALS CLUB

The main objective of this Club is to reduce gap between seniors and juniors and also provide a common platform for interaction and develop overall personality of students. This club focuses to remove hesitation, reduce stage fear and transform student's weakness into their strength. For the welfare of society as well as for students, this club organizes slum education programme, personality development workshops, technical quizzes etc.

WOMEN EMPOWERMENT CLUB

GIVE WOMEN **R**ights
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 Empowerment Cell in the Institute campus to empower girl students, to sensitize all issues related to women (students and faculties both) and to make the Institute 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 the society and to suggest ways to improve and empower themselves.

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

The Cell organized various programmes for women as well as girl students. To name a few:

1. A "Speech Competition on Women's Rights or Women's Empowerment".
2. A skit competition on "Importance of Women Education".
3. An open forum "Sankalp Nari Ke Samman Ka".
4. A "Health Awareness Programme" for women staff as well as girl students of our Institute by Dr. Shabana Rafiqee.
5. "Eco-Friendly Diwali Celebration"
6. Poster making competition on "Save Girl Child".
7. Poetry competition on the theme 'Women'.
8. A seminar on "Stop Violence Against Women".





TECHNICAL FEST



“Techmanthan” is an annual technical event jointly organized every year 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 showcase technical expertise and talent of students. It is a means for building scientific culture, team spirit and tapping creative minds. The highlights of the events include various competitions viz: Innovation 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 study routine, but also rejuvenate the mind and body to bring out hidden talent and nurture it to add a new dimension to student's 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 re-creational break to students from the busy schedules of learning, training and rejuvenates them.





Winners
NEVER QUIT
AND
Quitters
NEVER WIN



The objective of this event was not only to improve sports skills of students but also to enhance competitive spirit and positive zeal amongst them.



Training
&

PLACEMENT CELL



The Training & Placement Cell handles all aspects of campus placements for graduating students. This Cell also organizes 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 placement process for our students. A systematic structured training for the purpose of enhancing student's quality in the area of aptitude, technical skills, and soft skill training 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.



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 corporate and collect feedback from companies coming for placement.
- Arrange Industry Expert Workshops, Guest Lectures and Industrial Visits.
- Conduct various Training Programme for 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 trainings for overall development of students.

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

JAVA / .NET for B-Tech Computer Science students

MATLAB / Embedded System for B-Tech EC and EN students

INDUSTRIAL

Visit



Industrial visit is a part of professional (B-Tech/MBA) courses, during which students visit companies and get insight of the internal working environment of the company.

Industry visits sensitize students to the practical challenges that organizations face in the business world. As a part of this we have organized industrial visits in various organizations like MCN Solutiona & Nimbus, Noida, Hankhul Packwell (P) Ltd. Jhansi, Lohia Group of Companies Kanpur, Brindaban Bottlers Pvt. Ltd. Lucknow, Indian Telephone Industry Limited Raebareli, HCL Noida, Ultra Tech Cement plant Lucknow, Mycem Cement plant Jhansi, Cetpa InfoTech Lucknow and many more.





SHIKSHA & SANSKRITI



As a part 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 the budding talents through various quiz competitions and encourage them with prize distribution.





बुढदेल्खण्ड प्रतिभा शम्मान





My **KCNIT**
CAMPUS



REASONS TO JOIN KCNIT

01 Excellent Infrastructure

02 Regular Campus Placements

03 Dedicated Faculty

04 High Speed (40 mbps) Internet & Wi-Fi campus

05 Special Classes For Weak Students

06 Largest Digital Library in the Region

07 Practical Learning

08 Safe & Secure Campus

09 Workshops and Seminars

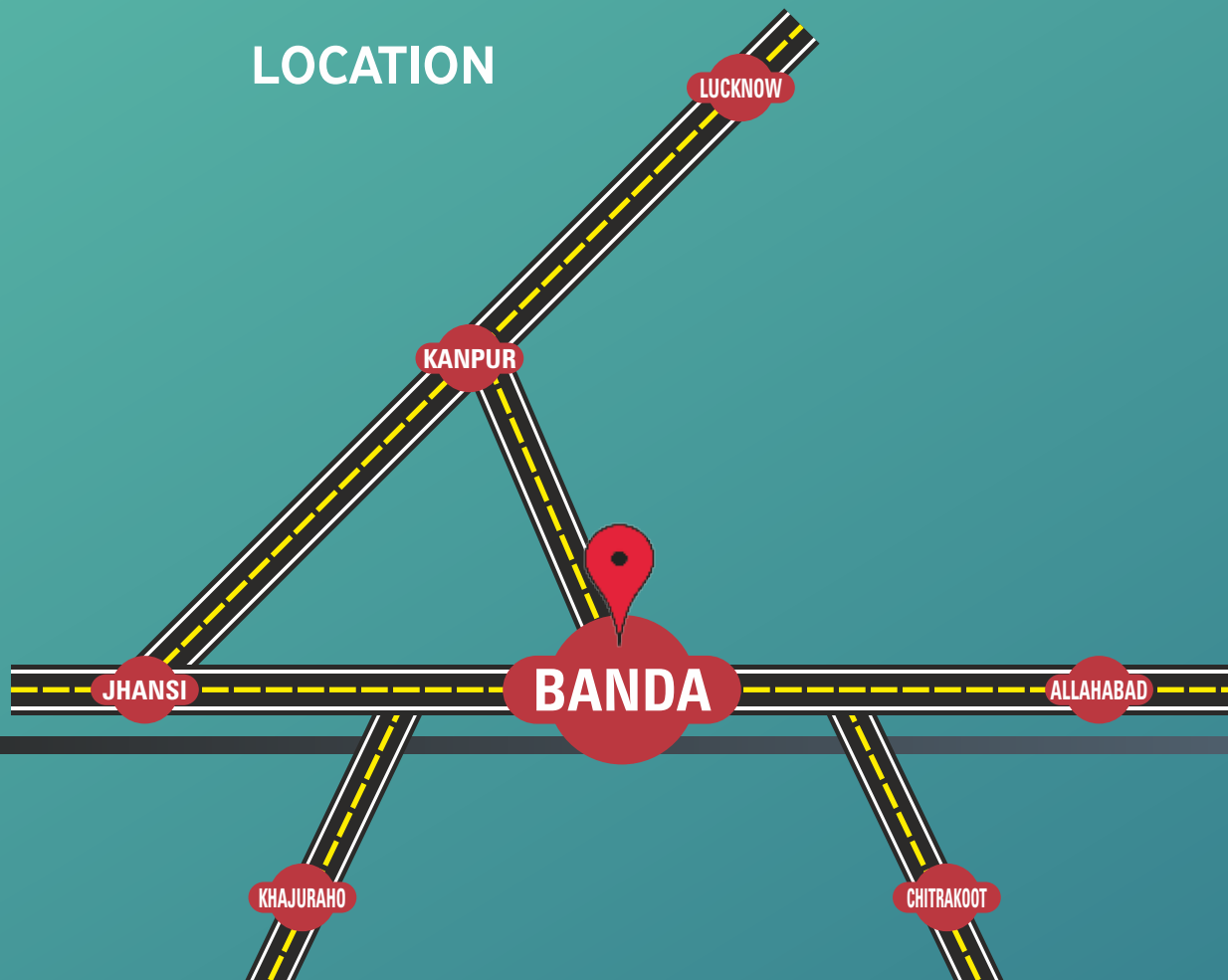
10 Industrial Visits in India/Abroad

11 Innovation Cells (Intellectual & E-Gov)

12 Entrepreneur Development Cell



LOCATION



KCNIT

GROUP OF INSTITUTIONS, BANDA

 website

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 facebook

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