



# KALINGA UNIVERSITY

# FORENSIC SCIENCE

Bringing out concealed truth with the aid of  
scientific techniques and technology

[www.kalingauniversity.ac.in](http://www.kalingauniversity.ac.in)



# ABOUT KALINGA UNIVERSITY

Kalinga University, Raipur has emerged as a centre of excellence of higher education in Central India. Strategically located in the Smart City of New Raipur, this University has started carving a niche for itself in the education domain and is rising as a shining star on the horizon of quality education.

**About Raipur** - Raipur is the Capital of Chhattisgarh and New Raipur is the New Capital of Chhattisgarh in the making. New Raipur is the fourth planned city of India with wide roads and miles of greenery and is pollution free. It is the first integrated and smart city of the country. A cosmopolitan city which is also the hub of higher education hosts IIM, IIT, IIIT, National Law University, CIPET, NIT and AIIMS. In addition it also hosts most National and International Brands of Food and Retail Outlets.

**Establishment** - Established in 2013, this University has been able to win the confidence of over 7000 students. Meritorious students from all over the country and various foreign countries like Afghanistan, Angola, Bangladesh, Cameroon, Gambia, Ivory Coast, Kenya, Lesotho, Liberia, Malawi, Namibia, Nepal, Nigeria, Papua New Guinea, South Sudan, Swaziland, Tanzania, Uganda, Zambia and Zimbabwe etc. have chosen this University for their education and career.

**Schools of Excellence** - Currently the University is serving the student community through various schools offering UG and PG programs namely Arts & Humanities, Biotechnology, Commerce & Management, UX Design, Engineering, Fashion Design, Information Technology, Interior Design, Journalism & Mass Communication, Law, Library Science, Pharmacy, Science, Education and Yoga. It also has a centre for Doctoral Research Programmes in various fields.

**Academics and Faculty** - All schools are headed by senior professors having excellent academic credentials and experience of teaching, publications and research. They are ably supported by the well qualified faculty members who come from top educational institutions and the Industry. Students also get an opportunity to learn from a distinguished panel of experts drawn from various industries, who regularly come for guest lectures.

**Infrastructure** - Kalinga boasts of World Class Infrastructure and student facilities with student centric approach. Highest attention is paid to hands on learning approach and students are encouraged to come up with innovative ideas for projects and practicals. The University has more than 75 laboratories and workshops, all well equipped with the latest, state of the art apparatus and tools. Special emphasis is given to the development of communication skills through the language lab. More than 1200 computers are available for the use of the students.

The Library has a collection of over 80,000 books and also offers digital content through membership of DELNET, National Digital Library and NPTEL. Various magazines and journals are available for the use of the faculty and students. Infrastructure consists of Student Hostel facilities, Green Acres, Canteen, Food Mess, Gymnasium, Fully Wi-fi Campus, ATM, Mini Market, Student hangout Areas, Sports Complex, Recreation Halls with Indoor Games and Music and recreation activities.

**Industry Orientation and Leadership** - Industry interaction is an integral part of the curriculum and industrial visits, internships on live projects and mentoring by the Industry leaders are regular features. The University has developed excellent connections with the top Industries of the region by taking memberships of leading industrial associations like Confederation of Indian Industries, PHD Chamber of Commerce and Industry, Federation of Indian Chamber of Commerce and Industry, Indian Importers Chamber of Commerce and Industry, etc. The University has an active chapter of Young Indians in which students get an opportunity to interact extensively with the Industry leaders and attend various corporate seminars and events.

**Life Changing Experience** - Kalinga is a Life Changing Experience where the focus is on over all development of students. NCC, NSS and various other clubs and societies offer opportunities to students to showcase their talent and learn under the guidance of experts. Music, Dance and Martial Arts trainers are available for the students. Coaches of different games and sports like Cricket, Football, Basketball, Volleyball and Athletics are also available for sharpening the skills of the students.



## DEPARTMENT OF FORENSIC SCIENCE

The application of science and technology in connection with the detection of crime is called the Forensic Science. "Forensic science" word has originated from the Latin word *forēnsis*, which means "of or before the forum". Forensic Science deals with the acquisition and analysis of scientific data for application to the study and resolution of crime, investigation, civil & regulatory issues and criminal identification amongst others.

The objective of the Forensic Science Department is to encourage new developments and research in the field of forensic science in order to meet the demands and need of criminal justice system. The Forensic Science Department is established under Faculty of Science to run the Forensic Science academic programmes at Kalinga University. The Forensic Science Department aims at the attainment of excellence in Forensic Science education and research. The department is committed to impart quality education through practical, project based and research-based learning. With an increasing demand, many sectors in forensic science are being opened. The department has well-equipped laboratories dedicated to forensic science research for:

- Investigation and Reconstruction
- Handling Physical Evidence
- Preliminary and Confirmatory Analysis
- Instrumental Analysis

# FORENSIC SCIENCE STREAM

If you want to keep the wheels of justice turning, then a career in Forensic Science is waiting for you. It is also known as criminalistics and it makes science applicable to certain legal and civil laws to solve crime. Being a multidisciplinary subject, it has aspects of biology, chemistry, physics, psychology, social sciences, etc. The Forensic Science course is a combination of law and science together. Forensic Science can be learnt from the graduate level which is for three years. The postgraduate programme in Forensic Science is for two years. The entire course in Forensic Science comes under the science stream.

There is a lot of demand for highly qualified and trained Forensic Science experts in India. Compared to growth in crimes in India, there is huge gap for efficient forensic experts. Due to this gap, there is a high demand for Forensic Experts and the career prospects are high currently. Many legal firms and private investigators also hire Forensic Experts to strengthen their investigations and cases. Teaching is also a lucrative option for Forensic Science experts. Some of the benefits of doing Forensic Science are excellent pay scale, continuously evolving technology, also involves fieldwork. outstanding career prospects both in the government and private sectors and career growth.



## PROGRAMS & ELIGIBILITY

S. No.	Program	Duration	Mode	Eligibility
01.	Bachelor of Science (B. Sc.) Forensic Science	3 Years	Semester	10+2 in Science Stream
02.	Master of Science (M. Sc.) Forensic Science	2 Years	Semester	Graduate in Relevant Subject*

\*B.Sc. (Forensic Science)/B.Sc. - Non Medical (PCM), B.Sc. - Medical (PCB)/B.Sc. Biotechnology/B.Sc. Biochemistry/B.Sc. Bioinformatics/B.Sc. - Microbiology/M.B.B.S./B.D.S./B. Pharma with any two of the subjects, viz., Anthropology, Biochemistry, Bioinformatics, Biophysics, Biotechnology Botany, Chemistry, Computer Science, Genetics, Mathematics, Microbiology, Physics, Statistics, and Zoology.

## CAREER OPTIONS

Some Employment Options in Forensic Science are:

1. Forensic Engineers
2. Legal Firms/Legal Counsellors
3. Forensic Expert
4. Forensic Scientist
5. Crime Scene Investigator
6. Teacher/Professor
7. Crime Reporter
8. Crime Laboratory Analyst
9. Forensic Psychiatrist
10. Forensic Serologist
11. Police Department
12. Forensic Laboratories
13. Clinical Forensic Medicine
14. Defence/Army
15. Private Detective Agencies
16. Banks/Insurance Firms
17. Quality Control Bureau
18. Cyber Forensics



# SECTORS EMPLOYING FORENSIC SCIENCE GRADUATES

## GOVERNMENT SECTOR

- ▶ National Investigation Agency (NIA)
- ▶ Intelligence Bureau (IB)
- ▶ Central Bureau of Investigation (CBI)
- ▶ Central/State Govt. Forensic Sciences Labs
- ▶ Police Department
- ▶ Quality Control Bureau
- ▶ Defence/Army

## PRIVATE DETECTIVE AGENCIES

- ▶ Dolphin Detective Agency
- ▶ Globe Detective Agency
- ▶ Advance Detective Agency
- ▶ Trace Point India
- ▶ Spy Detective Agency
- ▶ Ascon Detectives

## LAW FIRMS

- ▶ Shardul Amarchand Mangaldas & Co.
- ▶ S&R Associates
- ▶ Trilegal India
- ▶ Khaitan & Co.
- ▶ DSK Legal
- ▶ Anand & Anand

## DIGITAL FORENSIC COMPANIES

- ▶ 3rd Eye Techno Solutions
- ▶ Bhavi CommTech
- ▶ Ninja Info-Sec Services
- ▶ Orion Security Solutions
- ▶ Pelorus
- ▶ The Forensic Investigations and Consultancy Services India

## FORENSIC SCIENCE LABORATORIES

- ▶ Directorate of Forensic Science (DFS), Ministry of Home Affairs, Govt. of India
- ▶ Centre for DNA Fingerprinting and Diagnostics (CDFD), Hyderabad
- ▶ Forensic Science Laboratory, Chandigarh
- ▶ Directorate of Forensic Science, Assam
- ▶ Department of Chemical Examiner's Laboratory (Forensic Science Laboratory, Kerala)

## APPROVALS & ASSOCIATIONS



Call: 9907252100

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**Bhilai Office :** 111, Khichariya Complex, Near Hotel Grand Dhillon, Nehru Nagar Bhilai.

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