KALINGA UNIVERSITY

RAIPUR | INDIA

FACULTY OF
INFORMATION
TECHNOLOGY

India is a World Leader in IT/CS, Be a Leader

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 12000 students. Meritorious students from all over the country and various foreign countries like Afghanistan, Angola, Bangladesh, Burundi, Cameroon, Congo, Gambia, Ghana, Ivory Coast, Kenya, Lesotho, Liberia, Malawi, Mosambique, Namibia, Nepal, Nigeria, Papua New Guinea, Rwanda, Somalia, South Korea, South Sudan, Sudan, Swaziland, Syria, 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.
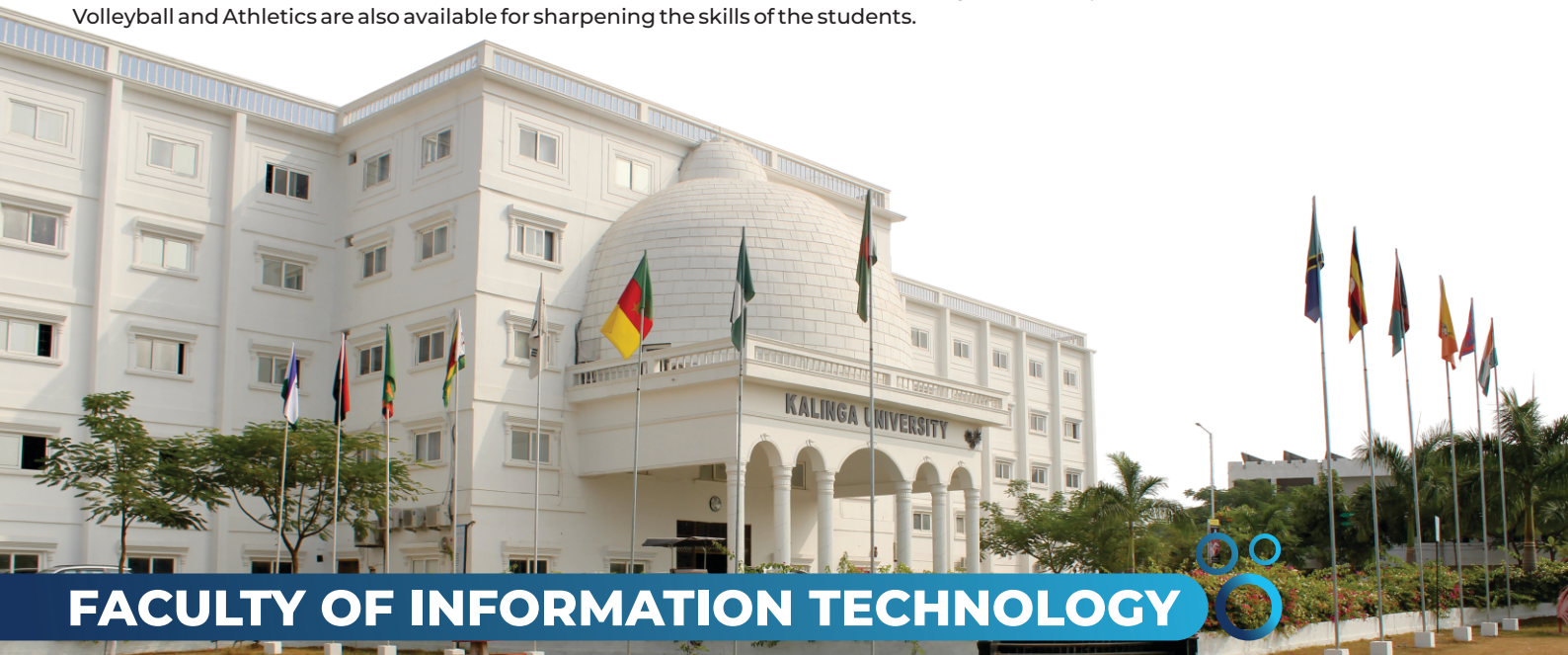
Academics and Faculty - All schools are headed by senior professors having excellent academic credentials and experience of teaching, publications and research. They are ably supported by the well qualified faculty members who come from top educational institutions and the Industry. Students also get 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 90,000 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.

FACULTY OF INFORMATION TECHNOLOGY

The Faculty of Information Technology (IT) is an active and vibrant teaching and research centre with its focus strongly on obtaining the best possible career outcomes for its graduates. In an industry as dynamic as IT, students are placed at the forefront of modern technologies. In addition, specialist labs offer hands-on experience with networking technology and software development through collaborations with leading IT companies. A promising CS&IT career starts with a firm foundation, coupled with the opportunities provided by strong industry linkages and research expertise, studying at Kalinga University opens gateway to a successful career.

INFORMATION TECHNOLOGY STREAM

If you have an interest in Computer Science/Computer Application, there are wide variety of stable Jobs that provide excellent salaries at a wide variety of educational levels. The trend is further rising owing to the rapid growth of IT and software industries in the country. A lucrative career in technology is well within your reach.

Computer science and its applications are fast becoming the most sought after courses in India and almost all industry verticals/sectors offer job opening in Computer Science and its applications domain. An individual, who studies Computer Science not only learns the software (language and programming, etc) aspect of the computer but also learns the knowledge of operating system, programming language, data base, etc.

The turning tide is for Computer Graduates which is evident in multiple counts: quantum of job offers, salary levels, diversity of recruiters, continental spread and the number of pre-placement offers (PPOs).

Many first-time recruiters like US-based cloud data manager Rubrik, Amsterdam's Optiver and UK's Halma are hiring from Indian campuses. Besides American and European MNC's, Asian comanies from Japan, Taiwan, South Korea and Singapore are making both domestic and global job offers.

The growing opportunity in the digital Technology arena including government initiatives like Digital India will add jobs in digital technologies, Artificial Intelligence (AI), Robotics.

PROGRAMS & ELIGIBILITY

S.No.	Program	Duration	Mode	Eligibility
01.	Bachelor of CS in AI & ML and Cyber Security	4 Years	Semester	10+2 (Science Stream)
02.	Bachelor of Computer Application (BCA)	4 Years	Semester	10+2
03.	Bachelor of Computer Application in AI & ML (BCA in AI & ML)	4 Years	Semester	10+2
04.	Diploma in Computer Application (DCA)	1 Year	Semester	10+2
05.	Master in Computer Application (MCA)	2 Years	Semester	Graduation
06.	Master of CS in AI & ML and Cyber Security	2 Years	Semester	Graduation (In relevant/Allied Subject)
07.	Master of CS in AI & ML and Cyber Security (Lateral Entry to 3rd Semester)	1 Year	Semester	BCA/B.Sc. (IT or CS) and PGDCA/PGDIT/PGDCS from UGC Recognized Universities
08.	Post Graduate Diploma in Computer Application(PGDCA)	1 Year	Semester	Graduation
09.	Bachelor of Animation & Visual Effects (B.An & VFX)	4 Years	Semester	10+2
10.	Master of Animation & Visual Effects (M.An & VFX)	2 Years	Semester	Graduation
11.	Master of Data Science (MDSc.)	2 Years	Semester	BE/Btech in Computer Science / Information Technology OR B.Sc. Computer Science / Mathematics / Statistics OR Bachelor in Computer Applications (BCA) from UGC recognized Universities.

Note: • Post completion of 4 years, student will be awarded a Bachelor's Degree (Honours/Honours with Research).

• Student will be eligible to pursue a Ph.D. (Doctor of Philosophy) after completing the 4-year Honours/Honours with Research program (with a minimum score of 75% marks), without the need for a 2-year PG program.

• Post completion of 4 years, student will be eligible to complete Post Graduation (PG) in one year.

CAREER OPTIONS

Some Employment Options in Computer Science are:

1. Cloud Computing
2. Computer and Information Research Scientists
3. Computer and Information Systems Managers
4. Computer Hardware Engineer
5. Computer Netwrok Architect
6. Computer Programmer
7. Computer Support Specialists
8. Computer System Analyst
9. Cyber-Security
10. Database Administrator
11. Data Processing Departments of Modern Industries
12. Data Science & Analytics and Security
13. E-commerce Specialist
14. Hardware Engineering
15. Human-Computer Interaction
16. Information Security Analyst
17. Information System & MIS
18. Machine Learning & AI
19. Network and Computer Systems Administrators
20. Program Manager/Project Manager
21. Robotics
22. Software Developer
23. Software Engineering
24. Telecom & Services
25. Web Developer

SECTORS EMPLOYING INFORMATION TECHNOLOGY GRADUATES

Computer Hardware

Acer India Pvt. Ltd. I AMD India Pvt. Ltd. I Apple India Pvt. Ltd. I Asus Technology Pvt. Ltd. I Compuage Infocom Ltd. Dell India Pvt. Ltd. I Hewlett-Packard India Sales Pvt. Ltd. I Ingram Micro India Pvt. Ltd. I Intel Technology India Pvt. Ltd. I Iris Computer Ltd. I Lenovo India Pvt. Ltd. I Redington India Ltd.

Computer Software

Cyient Inc. I HCL Technologies Ltd. I Infosys Limited I Larsen & Turbo Infotech Ltd. (LTI) I MindTree Ltd. I Mphasis Ltd. I NIIT Technologies I Oracle Financial Service Software Ltd. I Quick Heal Technologies Ltd. I Tata Consultancy Service Ltd. (TCS) I Tech Mahindra I Wipro Ltd.

Gaming Industry

2PI Interactive I 99Games I Apar Games I Creatio Soft I Dhruva Interactive I Digikhel I Dumandu I Games2win

Technology Companies

Amazon I Cisco I Cognizant Technology Solutions I Google I IBM I Intel I Microsoft I Tata Consultancy Services (TCS)

Telecom & Cyber-Security

Airtel I ALTEN Calsoft Labs I BSNL I CyberOps I Jio I Netrika Consulting India I Valency Network I Vodafone

VFX Industry

Company (MPC) I Digital Domain I Moving Picture I Phantom Fx I Pixion I Prana Studios I Prime Focus I Reliance Mediaworks I Tata Elxsi's Visual Computing Labs (VCL)

APPROVALS & ASSOCIATIONS

UGC Estd.under section 2(f) of UGC Act 1956 | AICTE | Pharmacy Council of India | NCTE National Council for Teacher Education (A Statutory Body of the Government of India) | Bar Council of India | Association of Indian Universities | Young Indians WE CAN WE WILL | AIPMA All India Professional and Management Association Education . Experience . Excellence | Vigyan Prasar

Vocational Training Provider under Chhattisgarh State Skill Development Author | CII | Vocational Training Provider under Ministry of Labour & Employment | Tribhuvan University Nepal | NCC | NATIONAL SERVICE SCHEME | FICCI | N·S·D·C National Skill Development Corporation | PMKVY प्रधानमंत्री कौशल विकास योजना