



# CHRISTIAN

## COLLEGE *of* ENGINEERING & T E C H N O L O G Y

Approved by AICTE, Affiliated to CSVTU, Bhilai

Accredited by National Board of Accreditation

DISCOVER THE BRIGHTEST OPTIONS  
FOR PROMISING CAREERS



3<sup>rd</sup>  
**SOLDEST**  
PRIVATE COLLEGE IN  
CHHATTISGARH

IN CAMPUS  
**HOSTEL**  
FOR BOYS & GIRLS

ESTD. IN  
**1998**

COLLEGE CODE  
**EN 108**

# CCET

Managed By St Thomas Mission, Bhilai

PROSPECTUS  
AN OPEN BOOK ON LIMITLESS  
OPPORTUNITIES AT CCET





## PRESTIGIOUS HANYANG CHANGE MAKER SCHOLARSHIP AWARDED TO SHUBHAM DIXENA

Christian College of engineering and Technology (CCET), Bhilai has been a hotbed of ethical and technological advancement for students of Chhattisgarh since 1998. It has provided a battery of highly qualified and ethically sound engineers, who have toiled relentlessly for growth of the state and the nation. One such star who has led the kindly light of knowledge, equipped with his fierce determination and a sense of service is Shubham Dixena of 7th Semester, Computer Science Engineering Dept of CCET, Bhilai. He has won international acclaim for his unyielding effort for eradication of fake news encroached over social media, which is responsible for deterioration of moral fabric of the society. He will be awarded Hanyang Change maker award at a global event in Manila, the capital city of Philippines. This program will be held from 9th January to 20th January, 2018 to provide a platform to all the selected leaders of various countries to work for sustainable development goals. The whole program is financed and organized by Hanyang University of South Korea. The Hanyang Change maker award is given to youths working for social change. They are selected by submission of projects to Hanyang University. The selected candidates are also invited to participate in social venture forum held at South Korea. Subham takes motivation from his father Mr Narendra Dixena, who is currently a government servant and was born in dudga village. Time and again Shubham has fought through depression due to negative conditions, yet his tireless effort has led to selection in Asia Pacific Youth Exchange program in Thailand. This program was held in United Nations headquarters at Thailand where he worked in the field of education and made a project named learn extra, which is being employed in schools of Nong Saray region of Thailand. His organization named Youth Rising Foundation is making positive inroads in Indian youth. Shubham has been awarded certificate in digital marketing from Google, Microsoft and Hubspot Academy together with being a student partner in Internshala and Young India Fellowship. From very young age Shubnam has been motivated to work for youth and has pledged to make positive changes in Indian education system. The Executive Vice Chairman of CCET, Fr. George C. Varughese and the Principal, Dr. Dipali Soren together with the management, faculties and students congratulated Shubham on his achievements and wished him well for his future endeavors.



## क्रिस्चियन कॉलेज के दो छात्रों का चयन एशिया पैसिफिक युथ एक्सचेंज थाईलैंड के लिए ।



क्रिस्चियन कॉलेज के कंप्यूटर साइन्स में पढ़ रहे सातवें सेमेस्टर के छात्र जॉयस किस्पोट्टा एवं गौरव रेखावर का चयन एशिया पैसिफिक युथ एक्सचेंज प्रोग्राम २०१७ के लिए हुआ है । यह प्रोग्राम थाईलैंड में १४ जनवरी से २७ जनवरी तक चलेगा जिसमें एशिया के अलग अलग देशों से चयनित युवा हिस्सा लेंगे । जॉयस पिता जेरोम किस्पोट्टा रेलवे कर्मचारी है , गौरव पिता दिलीप रेखावर बैंक कर्मचारी है। गौरव और जह्यस को चयन प्रक्रिया से गुजरना पड़ा जिसमें इंटरव्यू देने के बाद थाईलैंड से निमंत्रण मिला । बता दें की विश्व की जाने माने संगठन जैसे यूनाइटेड नेशन्स, युनेस्को, यूनिसेफ , एशिया डेवलपमेंट बैंक आदि द्वारा यह प्रोग्राम आयोजित कराया जाता है इन संगठनों से जुड़ पाना ही अपने आप में एक बहुत बड़ी उपलब्धि है । जॉयस किस्पोट्टा एवं गौरव रेखावर जो पिछले दो सालों से होम अहटोमेशन, इंटरनेट अहफ थिंग्स जैसे प्रोजेक्ट्स पर काम कर रहे हैं साथ ही साथ कई प्रतियोगिताओं के विजेता राह चुके हैं , जॉयस ने एन पी टी एल से इंटरनेट ऑफ थिंग्स एवं क्लाउड कंप्यूटिंग में सर्टिफिकेशन भी प्राप्त किया वहीं गौरव क्लीन वाटर एंड सैनिटेशन के फील्ड में अपने प्रोजेक्ट्स पर काम कर रहे हैं । दोनों छात्र राइजिंग युथ फाउंडेशन नाम की संस्था से जुड़े हुए हैं , जो कि क्रिस्चियन कॉलेज के ही एक छात्र द्वारा शुरू की गई । हम कामना करते हैं कि वे अपने अपने प्रोजेक्ट्स के साथ थाईलैंड में सराहनीय प्रदर्शन करेंगे और छत्तीसगढ़ का नाम ऊंचा करेंगे ।



H. G. Dr. Stephanos Mar Theodosius  
of Blessed Memory  
Founder Bishop  
First Metropolitan of Calcutta Diocese



H. H. Baselios Marthoma Paulose II  
Catholicos of The East  
& Malankara Metropolitan  
The Supreme Head of  
The Malankara Orthodox Church



His Grace Alexios Mar Eusebius  
Chairman, CCET  
Metropolitan of Calcutta Diocese &  
President St. Thomas Mission



V. Rev. Geevarghese Ramban  
Vice President



Fr. Aju K Varghese  
Treasurer



Dr. Fr. P S Varghese  
Executive Vice Chairman CCET



V. Rev. Thomas Ramban  
Member

# GREAT LEARNING BEGINS WITH GREAT TEACHERS

- The Christian College of Engineering and Technology functions under the aegis of the St. Thomas Mission of the Malankara Orthodox Church.
- St. Thomas Mission is one of the pioneer organizations working for the holistic development of all persons, irrespective of race, caste or creed. It is the official Socio-Developmental wing of the Bhilai Mission, the Outside Kerala Mission of the Malankara Orthodox Church for Social Action, Relief and Development.
- It is a registered body under the Societies Registration Act (Madhya Pradesh) XXVI of 1961 with registration No. 8400 of 1979 and having its registered office at St. Thomas Mission Centre, Kailash Nagar, Bhilai, 490001, Durg, Chhattisgarh, India.
- The St. Thomas Orthodox Syrian Church Mission-Bhilai was founded by the Late lamented H. H. Baselios Mar Thoma Mathews I, in the year 1972. With the creation of the Kolkata Diocese of the Orthodox Church in 1979, the activities of the St. Thomas Mission became more extensive spreading light of knowledge to the mankind.
- The mission's activities later spread out to cover Madhya Pradesh, Orissa, Bihar, West Bengal, Assam and Nagaland which include educational institutions, health service centers, bal grams, rehabilitation centers, village mission ashrams and convents.



The Christian College of Engineering and Technology (formerly Known as MPCCET) is a leading institution of central India known for quality technical education.

Established in 1998, as MPCCET it provides talented and motivated students from all walks of life, the opportunity to acquire the skills and knowledge, they need to succeed in the highly competitive engineering profession. CCET is guided by its core value of providing real world orientation of professional skills at an affordable cost.



As a private non-profit organization, CCET admits students annually in Degree Programmes in 4 branches of Engineering namely Computer Science and Engineering, Electronics and Telecommunications Engineering, Mechanical Engineering, Electrical Engineering. CCET also admits Students in 2 years Post-Graduate M.Tech. Program in CAD/CAM/Robotics under Mechanical Engineering and Nano Technology under Electronics & Telecommunication.

The cornerstone of CCET's academic programmes is quality infrastructure combined with qualified and motivated faculty, placed in an environment that encourages students to make the most of both.

## UNIQUE FEATURES

- One of the Top Five Self Financing Engineering Colleges in Chhattisgarh.
- Maximum number of Innovative practices as certified by AICTE
- College with un-interrupted Power Supply and Abundant Natural Water Source
- Most beautiful, neat, eco-friendly Campus
- Excellent connectivity from all places

## VISION

CCET will be the center of excellence by providing quality technical education inculcating high moral and social values with a human face and thereby providing world class competent engineers for the progress and transformation of society.

## MISSION

- Run accredited Graduate and Post-Graduate programmes.
- Have state-of-the-art infrastructure facilities.
- Develop effective partnerships with industries.
- Transfer appropriate technology to society.
- Ensure placement of all students through campus interviews.
- Offer quality teaching and learning environment.
- Help in the upliftment of society by offering need based technical education facilities.
- Ensure quality services for all aspects of the campus.
- Create an ambience for the total development of staff & students.
- Become a deemed university.



**Fr. Dr. P S Varghese**

Executive Vice Chairman  
CCET

### The choice of the learner

Christian College of Engineering and Technology, Bhilai (CCET), previously known as MPCCET, is an institution that aims at the over all development of a student. We have a specific vision and mission. Our vision is to make CCET as the Centre of Academic Excellence by imparting quality technical education imbued with the social and moral values. Our mission is to transfer the appropriate technology to the new generation.

- Fully Automated Services
- Excellent Examination results
- Dedicated Placement & Training Ensuring outstanding placement statistics
- Best Library, Excellent Laboratory and in Campus Boys & Girls Hostel facilities
- Yoga, Meditation, Gym and Medical facility



## COURSES OFFERED

### M.TECH.

- NANOTECHNOLOGY
- CAD/CAM ROBOTICS
- HIGH VOLTAGE

### B.TECH.

- COMPUTER SCIENCE & ENGINEERING
- ELECTRICAL ENGINEERING
- ELECTRONICS & TELECOMM. ENGINEERING
- MECHANICAL ENGINEERING

STEP IN  
A LEARNER  
STEP OUT  
AS ACHIEVER

- Direct Admission is given to 50% of the seats of each Engineering course under the Minority Quota through College level counseling based on the merit rank of JEE/PET.
- Rest of the 50% seats are filled through the CGPET counseling conducted by the Directorate of Technical Education, Chhattisgarh, for which domicile of Chhattisgarh is mandatory.

### Eligibility Criteria

#### FOR C.G. STUDENTS

- I) Class 12th - Physics, Chemistry & Mathematics (PCM)
- II) Appeared Engineering Entrance Exam (CGPET)

#### FOR OUTSIDE C.G. STUDENTS

- I) Class 12th - Physics, Chemistry & Mathematics (PCM)
- II) Appeared Engineering Entrance Exam CGPET or JEE (All India)

### Documents Required For Admission

1. Transfer(T.C.) & Character Certificate (Original)
2. Migration Certificate (Original)
3. X and XII Marksheet (2 Photocopies)
4. Photograph (Student -4, Parent -1)
5. CGPET / JEE Scorecard (2 Photocopies)
6. Caste Certificate
7. CG Domicile. (Chhattisgarh निवास प्रमाण पत्र)
8. Adhaar Card
9. Income Proof
10. Photocopy of Bank Pass Book
11. Letter from Church (for Christian students only)

# ELECTRICAL ENGINEERING



The Department of Electrical Engineering is one of the first Four engineering departments of the institute that started in 1998. The Department is running the B. Tech. program in Electrical Engineering since its inception. Later, Post graduate studies and research in High Voltage Engineering was introduced in 2019.

Throughout more than Two decades of its journey, the Department continues to stay focused on research, abreast with the latest development and diversifications in its various fields of study. During this period, while maintaining its traditional focus on Power and Machines, followed by Control and Instrumentation, the Department has been able to develop expertise in modern areas such as MEMS, Signal and Image Processing and Renewable Energy. The Department continues to participate in numerous R&D projects funded by governmental organizations such as MHRD, DST, DIT, DBT, DRDO, ISRO, CPRI, CDAC, ICMR, CSVTU( TEQIP-III) and industries such as SAIL, BHEL, Powergrid, Indian Rail, POSOCO etc.

Since its inception, the tradition of teaching with passion and dedication, research excellence and active participation in corporate developmental activities continues to shape the career of our alumni. Graduates and Postgraduates of the Department demonstrated pioneering role in professional fields as well as in academics and research, and holding positions of rare distinction in leading industries and academic institutions of the world.

## Degree Programs

### B.Tech. Programs

The Department runs one 4-year B.Tech. programs in Electrical Engineering.

### M.Tech. Programs

The Department runs four 2-year M.Tech. programs in High Voltage Engineering.

## Research Areas

- Power Converters & Drives
- Embedded Sensing & Systems
- Integrated Power Management
- Micro-grid & Renewable Energy
- Advanced Control Theory & its Applications
- Machine Learning & IOT

## Teaching Laboratories

- Machine
- High Voltage
- Machine Drives
- Instrumentation
- Power Electronics
- Electrical Technology

## Research Laboratories

- Power System
- Computer Control
- Machine and Drive
- Power Electronics Project

## Achievement

- Department has received a Collaborative Research Project on “Sector Field Scale Application on Linguistic Information for Decision Making in A Multi-Dimensional Algorithm.” Dr. Ritesh Dash , as Co- Principal Investigator , under TEQIP-III of CSVTU, Chhattisgarh in AY,19-20
- Department has received a Collaborative Research Project on “Design & Development of Cluster based Smart Agriculture System using Machine Learning & IOT.” Dr. Ritesh Dash , as Principal Investigator, under TEQIP-III of CSVTU, Chhattisgarh in AY,19-2020.
- Department has received a Fully Funded Industrial Visit to “Gangrel Hydro Electric Project, Dhamteri, Chhattisgarh.” Mr. Ashis Dewangan as Mentor, under TEQIP-III of CSVTU, Chhattisgarh in AY,19-2020.
- Department has received a Fully Funded 5-Days STTP on “Hands on Expertise on Power Electronics & MATLAB” Mr. Sridhar Burla as Convenor & Dr. Ritesh Dash as Co-Convenor , under TEQIP-III of CSVTU, Chhattisgarh in AY,18-2019.
- Department has received a Fully Funded 2-Days Workshop on “Recent Advances in Renewable Grid Interconnection and its Impact on Distribution System” Dr. Ritesh Dash as Convenor & Mr. Sridhar Burla as Co-Convenor , under TEQIP-III of CSVTU, Chhattisgarh in AY,18-2019.
- Department has received a Fully Funded 2-Days Seminar on “Renewable Energy & its socio Economic Impact” Dr. Ritesh Dash as Convener, from the Institution of Engineers India, in AY,19-2020.



# COMPUTER SCIENCE & ENGINEERING

Motto: To create a strong research-based teaching – learning environment that will cater to the needs of modern computer science and engineering with the aim to improve intellectual capital of the society and the nation.



The Department of Computer Science & Engineering is an integral part of Christian College of Engineering and Technology, Bhilai which aims at bringing out the technical and inherent talents of the young and budding Engineers. The department has modern facilities for teaching, learning and research. The Department was established in the academic year 1998 and started B.E. Computer Science & Engineering programme with the aim to develop core skills in Computer Science and prepare the students to carry out development work, as well as take up challenges in research. The Undergraduate programmes – B.Tech. CSE are offered by the Chhattisgarh Swami Vivekananda Technical University. With rapidly evolving technology and the continuous need for innovation, the department has produced quality professionals holding important positions in the IT industry in India and abroad.

## Degree Programs

### B.Tech. Programs

The Department runs one 4-year B.Tech. programs in Computer Science & Engineering.

## Departmental Library

- Access to over 100,000 electronic journals and books, both in house and remotely
- Comprehensive research assistance, including consultations, by email, by web chat
- Study space
- Print collection of 20,000 books and 1,200 current journal subscriptions

## Laboratory Details

- |                           |                         |
|---------------------------|-------------------------|
| • Web technology Lab      | • NS Lab                |
| • DBMS Lab                | • OOPS Lab              |
| • ANDROID Lab             | • Unix Lab              |
| • ST-5 Lab                | • Computer Graphics Lab |
| • GUI Lab                 | • Prog. in C            |
| • Network Programming Lab | • Data Structure        |
| • CHM Lab                 | • Java Lab              |
| • CN Lab                  | • Soft Computing        |



## Achievement



Christian College of engineering and Technology (CCET), Bhilai has been a hotbed of ethical and technological advancement for students of Chhattisgarh since 1998. It has provided a battery of highly qualified and ethically sound engineers, who have toiled relentlessly for growth of the state and the nation. One such star who has led the kindly light of knowledge, equipped with his fierce determination and a sense of service is Shubham Dixena of 7th Semester, Computer Science Engineering Dept of CCET, Bhilai. He has won international acclaim for his unyielding effort for eradication of fake news encroached over social media, which is responsible for deterioration of moral fabric of the society. He will be awarded Hanyang Change maker award at a global event in Manila, the capital city of Philippines. This program will be held from 9th January to 20th January, 2018 to provide a platform to all the selected leaders of various countries to work for sustainable development goals. The whole program is financed and organized by Hanyang University of South Korea. The Hanyang Change maker award is given to youths working for social change. They are selected by submission of projects to Hanyang University. The selected candidates are also invited to participate in social venture forum held at South Korea.

# MECHANICAL ENGINEERING



Motto: To produce proficient engineers and advance the well-being of the society through center of excellence in teaching, research and services that exploits the rapidly changing technical diversity of mechanical engineering.



Department of Mechanical Engineering is accredited by National Board of Accreditation New Delhi. Mechanical Engineering involves the application of principles of physics for analysis, design, manufacture, and maintenance of mechanical systems. It also involves clear understanding of key concepts including mechanics, kinematics, thermodynamics and energy. Practitioners of mechanical engineering use these principles and others in the design and analysis of automobiles, aircraft, heating & cooling systems, manufacturing plants, industrial equipment and machinery, and more. The assets of the department are its well experienced faculties, modern laboratory/equipments, state of art machines, CAD/CAM & Robotics lab etc. Students undergo rigorous theory & practical sessions and are allowed to work independently on plant machineries & CAD/CAM software etc. which creates a touch of an industrial environment within the institute itself & generates a high level of confidence among our students. Department organizes interactive & practical based learning which includes Inter & intra departmental technical activities, Seminars, Guest lecturers, Industrial visits, Workshops etc. to build up the personality of the students.

## Degree Programs

### B.Tech. Programs

The Department runs one 4-year B.Tech. programs in Mechanical Engineering.

### M.Tech. Programs

The Department runs four 2-year M.Tech. programs in CAD/CAM Robotics.

## Research Areas

- Aerodynamics and Fluid Mechanics
- Biomechanics
- Combustion and Energy Systems
- Design and Manufacturing
- Dynamics and Control
- Materials and Structures

## Departmental Library

Department of Mechanical Engineering, maintains and grows library collections so that users can find the materials that support their learning and research. At present our library has around 800 books of various fields and research souvenir to enrich research interest. Since the core mission of establishing a department library is to ensure that the students are benefited out of the ample materials and reference books, most of our students have made the best use of our library resources.



## Laboratory Details

- Mechanical Workshop
- Mechanical Engineering
- Thermodynamics Lab
- Robotics Lab
- Automobile Lab
- Refrigeration & Air Conditioning Lab
- Heat & Mass Transfer Lab
- Internal Combustion Engine
- Computer Aided Machine
- Computer Aided Design Lab
- Dynamics Of Machine Lab
- Kinematics Of Machine Lab
- Fluid Mechanics Lab
- Fluid Hydraulics Lab
- Mechanics Measurement Metrology Lab
- Material Testing Lab





# ELECTRONICS & TELECOMMUNICATION & ENGINEERING



The Electronics and Telecommunication Department promote the development and innovation in students that are needed to make significant advances in scientific and technological understanding, of electronic and telecommunication systems in the wider sense. The Under Graduate course (B.Tech. – Electronics & Telecommunication Engineering) offered by the department has special emphasis on Telecommunication Networks, Digital Signal Processing, Devices and Circuits, Electromagnetic fields and waves, VLSI design, Microprocessors, Microcontrollers, Instrumentation, Image Processing, Microwave, Fiber Optics, Satellite, Wireless Communications, Radar, Navigations, Multimedia ,Internet Technologies and Embedded Systems. The Post Graduate course (M. Tech. – Nanotechnology) gives exposure to crucial subjects such as metamaterials, molecular electronics and nano-biotechnology. Nanotechnology is an emerging field of which has a great scope and job opportunities in India and abroad. The Department adopts the hands on approach, which is teaching by doing and provides a challenging opportunity of getting exposed to real world problems through industrial collaboration and case studies from real world problems. Department also provides the necessary encouraging environment, academic guidance, and technology support to the students.

A multi disciplinary research environment exists within the department. The scope of Electronics and Telecommunication is endless. The department provides platform for the students to achieve their career goals.

## Degree Programs

### B.Tech. Programs

The Department runs one 4-year B.Tech. programs in Electronics & Telecommunication & Engineering.

### M.Tech. Programs

The Department runs four 2-year M.Tech. programs in Nanotechnology.

## Departmental Library

Department of Electronics and Telecommunication, maintains and grows library collections so that users can find the materials that support their learning and research. At present our library has around 500 books of various fields and research souvenir to enrich research interest. Since the core mission of establishing a department library is to ensure that the students are benefited out of the ample materials and reference books, most of our students have made the best use of our library resources.

## Departmental Activities

The intensive training is to prepare our students to begin a lifetime of professional creativity and leadership. We have a focused approach for the all-round personality development of the students by organizing guest lecturers by Industry experts, seminars and industrial visits so that students get required industry exposure to the latest developments in the field. The department also enjoys very close relationships with industry, both in terms of research and recruiting. Time to time various sponsored project and workshops are organised to explore the latest technologies.



Workshop on PLC



## Laboratory Facilities

Keeping in mind the great potential and demand for new communication technologies, the department aims at imparting its students with the latest knowledge in the field. To complement this department has well stocked laboratories housing various modern equipments to enable the students to keep pace with the fast changing technology. The infrastructure and lab facilities are upgraded from time to time and provide adequate opportunities for students and researchers to innovate new ideas. The department has well qualified faculty and trained technical supporting staff. All the faculty members are consistently carrying out research on cutting edge technologies. The department also undertakes research projects sponsored by both the government and the industry.



# OUR TEACHING LEARNING PROCESS

- Spacious class rooms with audio-visual presentation facilities
- Highly qualified, trained and caring faculties
- Ample opportunities for constant interaction in class
- Easy access to faculties for consultation and guidance
- Video lectures and all modern teaching aid
- Well equipped Advanced laboratories and workshops
- Modern Computer Centre and Computerized Central Library, Book Bank and e-Library
- Guest lectures by Experts from Industry and field
- Emphasis on practical training and skill acquisition
- Seminars / quizzes on current and emerging topics
- National Conference on emerging Technology every year
- Regular field trip to industry / work sites
- Special training on learning skills development
- Progress report to parents at frequent intervals

# OUR QUALITY ASSURANCE

- Strategic planning approach to development
- Commitment to TQM and Continues Improvement
- Top quality faculty and infrastructure
- Fully computerized services with barcode enabled ID Cards for students
- Team work and consultation at all levels
- Most effective and efficient teaching - learning processes
- Personality development programmes

## Industrial Visits



## Advanced Laboratories







## CO-CURRICULAR ACTIVITIES

While cementing the sense of academic excellence, the college gives rich opportunities to the students to gain Communication Skills, Personality Development, Emotional Quotient and Intelligence Quotient, Organizational skills and Leadership qualities through co-curricular and extra-curricular activities.

### Departmental Associations

The departmental associations are very active in the College. They arrange regular invited talks by experts, seminars on selected topics where students present papers, technical quiz programmes and visits to industries.

### Seminars, Workshop & Guest Lectures

Under each department of the College, a number of national / international level seminars, workshops and guest lectures programmes by expert group on emerging technology, personality development, communication skills, presentation skills and interview techniques are conducted to familiarize the students with the development in their fields and to prepare them for job interviews.

### Networking Twinning & Partnership

- To attain world class quality and standard, CCET takes up:
- IIT Mumbai Initiates CCET as a Resource Centre
- IIT Kharagpur First Nodal Centre for Virtual Labs in C.G.
- CCET National Journal of Science & Engineering Education
- Government Funded Research Projects
- IIT Kharagpur NPTEL Local Chapter in CCET

### Invited Talks And Lectures

We arrange fortnightly talks by academicians and industrial experts on various topics of new and emerging technologies, technology applications and current engineering practices to enhance the knowledge of students and teachers.

### Industrial Visits & Training

Visits to major industrial units, research centres and software companies across the country are arranged in the second and fourth year to get the students acquainted with the practices in industry. Students are also encouraged to carry out sponsored and guided by industries.





# WE'LL HELP YOU MAKE YOUR MARK ON THE WORLD



## Well Trained Teachers

All the teachers in CCET have been exposed to a Faculty Development Programme on Teaching Excellence organised by the Indian Society for Technical Education.

## National Conferences

A National Conference "Technologia" is organised by College every year on emerging technologies in various fields.

## Expert Counselling Services

Expert counselling services are regularly arranged for students having study-related and other issues.

## R & D Cell

In transferring theoretical knowledge to the application side, the projects are constantly encouraged. Under R & D cell students prepare working technical models in their areas of interest and also participate in various tech fest in NITs, IITs and state universities.

## Central Robotics Lab

In the Central robotics lab where students come up with innovative ideas on models of various Robot and there multiple applications and also with their robot they engage in robo war, robo fencing etc.

## Techno Club

To hearten the skills and to embellish the study, students participate in various skill-rendering events under the techno club like paper presentation, Technical quiz, Debugging, Network games etc.

## Cultural Club

In the leisure time students spend time in music room and the College is having its own college Band. Large number of students spend time in playing instruments and get themselves refresh after studies. Students have formed their own choir group.

## Literary Club

Students actively participate in literary club activities and the club is completely managed by the students and they organize debate, essay writing, slogan writing, painting competition etc.

## Nss Cell

Under NSS students are use to go to nearby rural areas to educate the village people about the basic needs of hygiene and about livelihood, helping them by donating books, clothes, etc and also facilitate blood for the needy.

## Value Education

CCET gives top priority to value education and inculcating practices such as quality awareness, work ethics, punctuality, energy and water conservation, cost effectiveness and eco-friendliness.



# National Service Scheme

The National Service Scheme unit of this College was started with One of the chief objectives of NSS is to give urban students an insight into the life of rural areas. It also aims at inculcating selflessness and dedication towards service to others. Other activities undertaken by this unit on regular basis include blood donation, book donation, medicine collection and distribution to the poor and the needy etc. NSS volunteers also participate in State and National level camps.

## NSS Regular Activities

### International Yoga Day Celebration

The International Yoga Day was celebrated on 21 June 2018, Thursday at CCET Bhilai with great enthusiasm. Faculty, Lab staff, Admin staff, and other staff along with Students are participated in the event. Participants of all age groups participated in the event with great enthusiasm. Three yoga teachers accompanied by 2 trained volunteers were there to conduct the yoga practice as per the directions received from University.



### Dengue Awareness Programme

NSS Unit of CCET Bhilai Conduct "Dengue Awareness Camp" on 5th September 2018 at Word no.26 Housing Board Bhilai. To spread awareness of dengue and promote and provide a safer and healthier learning environment.

On the occasion of "Dengue Awareness Camp" Councilor of Word no.26 And Faculty members of CCET Bhilai along with 90 students visited in colony of word no.26 Where Students exhibited the poster that gave the details of the dengue disease, its causes, and symptoms along with Preventive measures.



## Systematic Voters' Education and Electoral Participation(SVEEP Election-2018)

- List of various programs conducted in the Durg district under SVEEP Programme.
- Information has been given regarding Registration in voter list and EVM.
- New citizens were motivated to add their name in voting list.
- To increase voting percentage, Nukkad, drama and videowas played in election workshop.
- EVM & VVPAT was demonstrated for information about machine handling
- The resolution was given to voters to get a cent percent polling.
- Organized voting awareness program in college
- Organized voting awareness program at Housing Board Areas.
- Participated In Human Chain Event Organized by Durg SVEEP Programme.



### Unity Pledge on Sardar Patel's Birth Anniversary

CCET Bhilai Students Taking the pledge to maintain the unity and integrity of the country on October 31, the birth anniversary of Sardar Vallabhbhai Patel which is being observed as Rashtriya Ekta Diwas (National Unity Day).

### One Day Medical Camp at Karanja

In this free of cost medical camp more than 500 patients were treated by 3 doctors and three interns of Jawaharlal Nehru Hospital Research Centre (JHNRC), Sector-9, Bhilai. The medical camp was held in the presence of Dr Shashi Kumar, Ex-Director, JHNRC, Dr Thomas Samuel, Ex Deputy Director, JHNRC, Dr P Anju Climies, PHC Kohka, Fr Joshi Varghese, chief education officer of St Thomas Mission, Fr Jose K Varghese, Executive Vice Chairman, CCET, Mrs Poornima Verma, Sarpanch of Karanja Village, Dr Sudha Singh, Coordinator Women's Cell, Mr Ganpat Lal Rakesh, Program coordinator of NSS-CCET, NSS student coordinators along with visitors from nearby villages.







## SPORTS

The proverb “A sound mind in a sound body” perfectly encapsulates the importance of sports in everyday life. Apart from enhancing physical fitness, it also brings in benefits of healthy socializing & builds character values. As sports play vital role in making any individual physically and mentally healthy, the college gives due importance to sports activities. The students regularly bring laurels at university, state, national levels.

### Facilities

CCET has excellent sports and recreation facilities on campus, with dedicated facilities for basket ball, badminton, yoga and GYM. Students participate regularly in Inter Collegiate and State Level Tournaments and won laurels for CCET.

Indoor: Table Tennis, Carom, Chess

Outdoor: Sports Complex:

The college has a spacious sports complex. It has a seating capacity of 1000 spectators and has facilities for football, cricket, volleyball and basketball. It is used as a venue for hosting college level, inter collegiate and state level tournaments.





# FACILITIES IN CCET

## CENTRAL COMPUTING FACILITIES

CCET Computer Centre administers and manages the Campus and Hostel Network of the College. A state-of-art fiber optics backbone which provides high speed network connectivity to the Campus. More than 5 virtual network segments comprising of nearly 400 systems are connected through fiber optics cables and high speed HP manageable switched to the Fortinet firewall to form the network environment.

The CCET Computer Centre offers world class computing facility to the CCET community. A 30 Mbps leased line Internet connection and 10 Mbps from NNECT which offers unlimited access to Internet for the students and staff round the clock, for their educational and research needs. The CCET Computer Centre also offers centre for various Government & Non-Government online examinations.



## ITS ALL FOR YOU

- In Campus separate Hostel accommodation for Girls & Boys
- Playground for cricket, football and athletics
- Modern gymnasium with all body training equipment
- Multipurpose auditorium of 800 capacity
- Indoor and outdoor court for the badminton, hand ball, basketball, volleyball, etc.
- Buses for the conveyance of student & staff
- 3 state-of-art Digital classrooms and 3 seminar halls
- Centralized canteen and student store inside the campus
- SBI ATM facility within the campus
- In Campus Medicare facility
- Book Bank facility
- Security
- Scholarships & Awards
- Advanced Laboratories
- Prayer and meditation room
- Music room (College Band)



ONE AMONG  
THE BEST LIBRARIES  
THE CCET LIBRARY IS ENRICHED  
WITH AN ACCOMMODATION OF  
OVER 50000 BOOKS

# TRAINING AND PLACEMENT

Training and Placement department plays a very crucial role as it links students to the industries. High emphasis is given on technical and non-technical pre-placement training, which will prepare students to excel at interviews and recruitment processes.



**Rupal Gupta**

Associate Technical  
Operation, IBM GTS



**Abhishek Varshney**

Graphics Hardware Engineer,  
Intel Technology India Pvt Ltd.



**Divya Gopakumar**

Senior Software Engineer  
Accenture Services



**Harsharan Singh**

Web Developer  
Speckle Internet Solution



**A. Thawarey**

Associate  
Cognizant Technology



**Abhinav Patil**

Engineer  
Sterlite Power Grid Ltd.



**Jibi S Varghese**

Planning & Cost Engineer  
Petrarabigh, Saudi Arabia



**Sibin Thomas**

Lieutenant  
Indian Army



**Subin J John**

Estimation Engineer  
SISCO, Saudi Arabia



**Mehul Sinsinwar**

Asst. Manager  
Federal Bank



**Riya Sinha**

Software Developer  
Infosys



**Anjali Dwivedi**

Data Analyst  
GENPACT



## FEEL RIGHT AT HOME IN OUR ACCOMMODATION

IN CAMPUS SEPARATE HOSTEL FOR GIRLS & BOYS  
MANAGED BY PRIESTS & NUNS

Moving away from home for the time to start college can be one of the most exciting and nerve-wracking times of your life. Living in hostel with other students is the best way of settling in – you'll get to know each other, to get involved with what Christian College has to offer.



## Life@CCET

Starting with SYMPHONIA, the amalgamation of JOY, MUSIC & INTER COLLEGE TECH-FEST which has participation of students from various engineering colleges, the festive season in CCET consist the tech-fest of two days, Annual sports meet, Inter college games events of cricket, football, volleyball, basket ball, robot war, dance, war of bands and many more...



## Sports Facilities

CCET has excellent sports and recreation facilities on campus, with dedicated facilities for basket ball, badminton, yoga and GYM. Students participate regularly in Inter Collegiate and State Level Tournaments and won laurels for CCET.



## Symphonia

The Amalgamation Of Joy, Music & Inter College Tech-fest

Symphonia is an annual festival of fine arts celebrated by the students. Competitions in music, dance, drama, literature, sports and much more. The best talents among the students flourish through Symphonia



CCET PROMISES IT'S STUDENTS  
AN EXPERIENCE THEY WILL CHERISH  
THROUGH THEIR **LIFETIME**



## MILESTONES



IIT MUMBAI INITIATES CCET AS A RESOURCE CENTRE



IIT KHARAGPUR FIRST NODAL CENTRE FOR VIRTUAL LABS IN CG



CCET NATIONAL JOURNAL OF SCIENCE & ENGINEERING EDUCATION



GOVERNMENT FUNDED RESEARCH PROJECTS



IIT KHARAGPUR NPTEL LOCAL CHAPTER IN CCET



MMKVY- VTP COURSES

## MOTIVATION FROM EXPERTS



Shri K Srikanth

Former Captain, Indian Cricket Team



Dr E Vidyasagan

Senior Scientist, PURA



Dr Cherian Thomas

Senior Director, German Bank (USA)



Dr. M. K. Verma

Vice-Chancellor, CSVTU, Bhilai



Cdr Vinay Singh

Commander Indian Navy



Shri. Devendra Yadav

MLA, Bhilai



Mr. Amresh Mishra

Superintendent of Police, Durg



Mr. Debanjan Chakraborty

Infosys, Sydney, Australia

## INSTITUTIONAL TIME LINE

St. Thomas College, Bhilai

Mar Baselios Vidhya Bhawan, Bhilai

MGM Senior Secondary School, Bhilai

MGM Public School, Bhilai

MGM Higher Secondary School, Bagdona

MGM Higher Secondary School, Bhopal

MGM School, Ashoka Garden, Bhopal

MGM School, Bilaspur

MGM Higher Secondary School, Bokaro

St. Mary's Nursery School, Bokaro

St. Gregorios Educational Institution, Calcutta

MGM School, Dhanpuri

MGM Higher Secondary School, Dimapur

MGM Pre Primary School, Gauhati

MGM Higher Secondary School, Itarsi

MGM Mission School, Ita Nagar

MGM Higher Secondary School, Jabalpur

St. Mary's Higher Secondary School, Jabalpur

MGM H.S. School, Jagdalpur

St. Mary's Nursery School, Jamshedpur

MGM Higher Secondary School, Korba

MGM Kamalini School, Korba

MGM Higher Secondary School, Makodiya

MGM School, Patna

MGM School, Rajnandgaon

MGM Higher Secondary School, Raipur

MGM Higher Secondary School, Rourkela

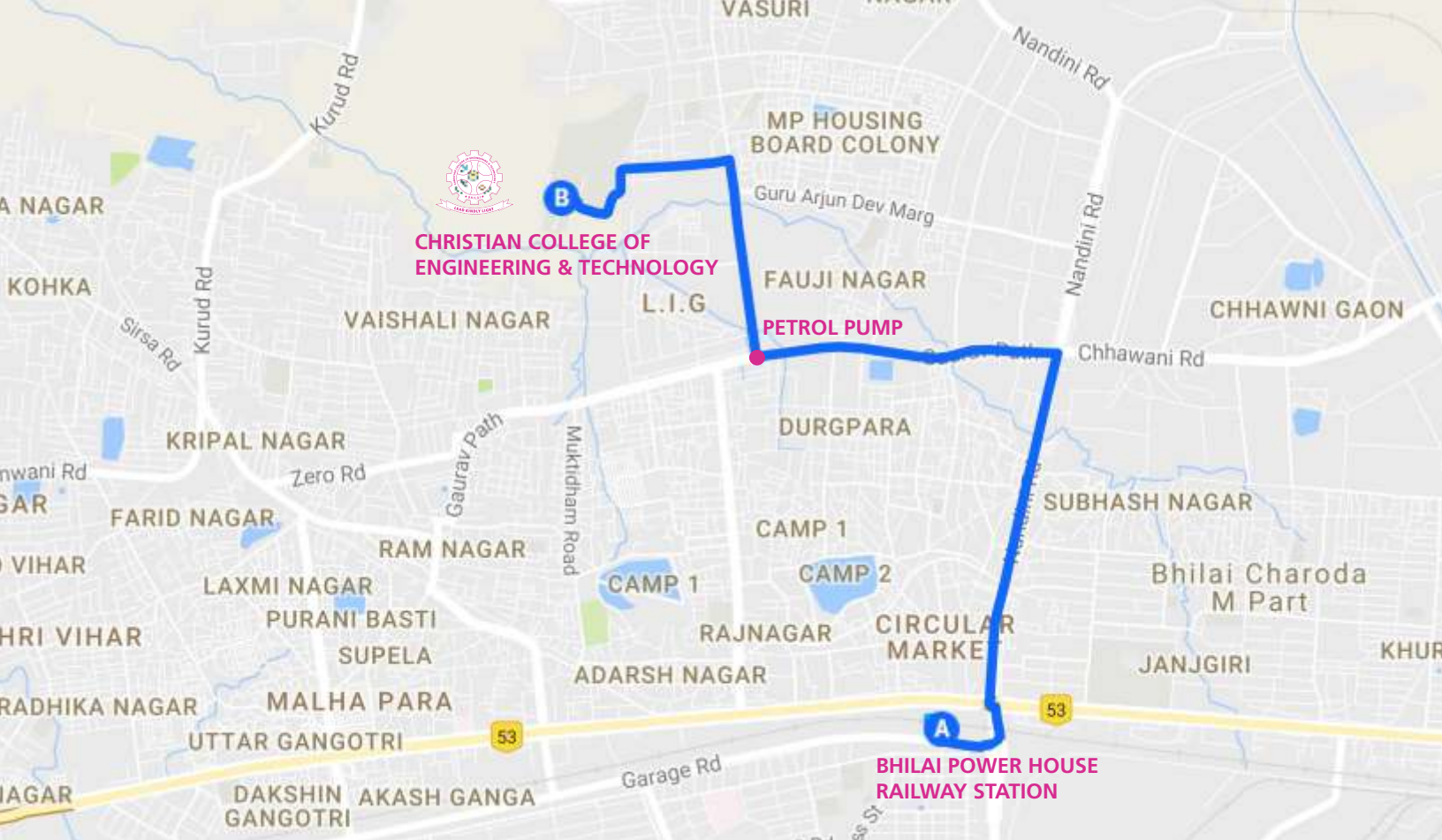
MGM Nursery School, Rourkela

St. Mary's Nursery School, Ranchi

St. Gregorios Nursery School, Sagar







# CHRISTIAN

COLLEGE *of* ENGINEERING  
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