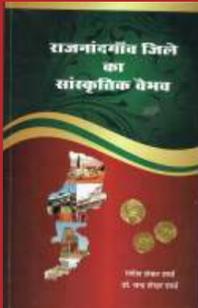


## Quote of Issue :

“ I think it's pointless to be hopeless. If you are hopeless, you waste your present and your future. ”

Malala Yousafzai

## Book Published By CSIT's Professor



**Dr. Chandra Shekhar Sharma** (Assistant Professor, & HoD-English) Coauthored a book titled "Rajnandgaon Jila ka Sanskritik Vaibhav." The book carries the geographical, historical and cultural aspects of Rajnandgaon. The book has been co-authored with eminent historian Mr. Ganesh Slankar Sharma. The book is valuable resource for the scholars of the region. The book was released at Rajnandgaon by Chief Minister Dr. Raman Singh. The details of the book are:  
Pages: 358 | Price: ₹ 380/-



Reports on Workshops, Visits and academic events@csit

Articles on Contemporary issues & self grooming

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# Sancharika

Newsletter of Chhatrapati Shivaji Institute of Technology, Durg (NBA Accredited College)

## Rhythm & Anchronica-18



Rhythm and Anchronica-18 was organized by the association of computer Engineering on 2 february, 2018 at Shahid Memorial Hall.

The program was started with lamps lighting by Dr. Anurag Verma, Director, CSIT and all guests and dignitaries.

The Chief guest of the event were Mr. K.K. Pyasi, Mr. Inderneel Majumdar and Mrs. Ankita Sarkar. The winners of the singing competition (solo) was Ms. Nikita Katekar and in duet the winners were Ms. Shivani Jaiswal and Ms. Priya Singh. The winner for Anchronica was Ms. Ruchi Bhardwaj.

## CPL : Football Tournament



## Glimpses of Activities & Events

### Hon'ble VC at CSIT on Swami Vivekanand Jayanti



### Inaugural of Center Excellences



### Mahashivratri Pooja



### Rhythm & Anchronica



## Republic Day Celebrations at CSIT

CSIT, Durg celebrates Republic Day on 26 January, 2018 to honor the date on which the constitution of Indian effect the governing document of India. The celebration held at CSIT campus. This year marks the 69<sup>th</sup> Republic Day of India. Er. Ajay Prakash Verma hoisted the flag in presence of all faculty staff and student and said the youth of India is the biggest strength of our country & asked to work hard towards the betterment of it in a very positive way. He further cowrages all to be as one for nation.



Dr. Anurag Verma, Director CSIT Praised the way India has progressed under the shadows of Indian constitution. Our constitution is just not a book but a visionary proof of the architect of our nation. He said a citizens should fall the rules and regulation of the constitution than we will no time to become a progressive nation. Registrar, Mr. Rajesh Verma hosted the programme and encourage all the audience through his beautiful lines of Poetry and thoughts. Mr. Rajeev Nair, CRM song a wonderful song. Students also delivered speeches and sung songs.

## CSIT Jointly Organized Technical Teachers' Training Programme with CSVTU

CSIT Family felt highly obliged when the honorable Vice Chancellor of CSVTU, Dr. M.K. Verma visited as the Chief Guest of the conciliation ceremony of twelve-day long Teacher's Training programme for the teachers of Engineering & Diploma College in Chhattisgarh. The ceremony was organized on 12 January 2018 on the successful completion of the Training Programme which was organized by CSVTU and NITTR, Bhopal.

Addressing the gathering of teachers of Engineering & Polytechnic College in Chhattisgarh, Dr. Verma said "The entire growth of society today is depending on the teachers. In this multifaceted time, teachers are required to be dynamic." Referring to the recent outcome based approach of teaching-learning process. Dr. Verma said, "The test of effective teaching is visible in outcomes. If the students have learnt, they will be able to perform, practice and communicate. Learning is very essential. The quality of education is a concern for society. The issues related to qualities can be solved just by quality teaching. CSVTU is introducing teaching through video-conferencing thereby bringing together renowned teachers."

Dr. Anurag Verma (Director, CSIT) also addressed the gathering. Dr. Verma said that the training started on 1<sup>st</sup> January symbolizing the new start and it is

## Quality Teaching is our Goal

-Vice Chancellor

concluding coincidentally on Swami Vivekanand Jayanti. With an aim to provide quality education in all the institutes affiliated to Chhattisgarh Swami Vivekanand Technical University the University's TEQIP cell initiated a training programme for teachers.

CSIT hosted a induction Training Programme for the teachers of Polytechnic Engineering College of the Chhattisgarh Swami Vivekanand Technical University (CSVTU) under the aegis of CSVTU. The training Programme was organized from 1 January to 12 January.

The Chief Guest of the Inaugural ceremony of the training was Mr. Rishi Chaitanya, Officer Incharge for Training at CSVTU. The Ceremony was presided by Dr. Anurag Verma (Director, CSIT). In his address Mr. Rishi Said "Success of teaching process largely depends on the Methodology and the quality of teaching content. This training is aimed to make your teaching quality impressive & effective." Dr. Anurag Verma urged the gathering, "to dedicate towards knowledge because it is the key of teaching and learning."

Dr. Bashir Sheikh and Dr. V.D. Patil from National Technical Teachers Training Institute, Bhopal were the trainers for the first week. The advanced training for the second week was imparted by Dr. C.S. Rajeshwari and Dr. Deepak Singh.

## CSIT Launches Center of Excellence of Parker-Hannifin

CSIT opened a Center of Excellence of Parker-Hannifin for the students to learn different technologies related to Mechanical and Automobiles. The Center opened after an MOU was signed with the company. Under the MoU the company is providing training to the students and faculties. Student from other colleges can also participate and get benefitted at this Center. January 17, 2018 Marked as a Red Letter Day for CSIT as Mr. Arijit Sen country Managing Director of Parker-Hannifin India Private Limited as Chief Guest on completion of training programme on Hydraulics System along with Mr. Sunil Hajirinis Sales and Training and Mr. Rakesh Tiwari, consultant for special skill development.



Mr. Arijit Sen said what is being done is simply amazing. It is what we really envisioned. This Centre would make the students industry ready and help them shape their career.

First & only College to have such Center

Dr. Anurag Verma, Director Said it is a land Mark day for CSIT and a beginning of new era by starting a center of Excellence and said Parker Hannifin is our maiden partner he further briefed about CSIT infrastructure, Modern Laboratories and Library.

Mr. Rakesh Tiwari said it is good for bridging the gap between industry and academic more and more students should participate in training programme. Mr. Sunil Hajirinis expressed that the training prepared students to face the corporate world and various tips to face interview.

Er. Ajay Prakash Verma Chairman said it is always memorable to be first and pioneer batch. He also said that success is 90 percent hard work. students need to develop good soft skills apart from technical skills. Students who completed their training as the first batch of the center were awarded the certificates.

## ManhArogyam : CSIT'S Counseling Centre

With a motive to keep CSITians' mentally fit and sound, CSIT initiated establish Guidance and counseling Center named as ManhArogyam under the aegis of Directorate of National Mental Health Mission & Directorate of Health Services (Govt. & CG). The Center ManhArogyam was inaugurated by Dr. Sumi Jain (Officer Incharge of NMHP, CG), Dr. R.K. Khandelwal (NDC, District Hospital, Durg) Dr. Premi (Nodal Officer, NDC Bemetara) and CSIT's Chairman Mr. Ajay Prakash Verma, Dr. Anurag Verma (Director, CSIT), Mr. Rajesh Verma (Registrar, CSIT) and Mr. Rajeev Nair (CRM, CSIT) along with professors of the College were present. The Center shall organize different activities for happiness and Mental health on this occasion the guests asked the CSIT fraternity to take all advantage. Chairman Mr. Ajay Prakash Verma said, "Success depends on mental ability and mental health. In present times there are many factors which are disturbing Mental Peace and are resulting into stress and failure-fear. To Cope with such issues this center will prove to be a valuable asset.



If must also be stated the CSIT's CRM Mr. Rajeev Nair and Mr. Prashant Richhariya received special Monitoring training from the experts of NMHP and NIMHANS. The Directorate has appointed Dr. Shama Hamdani, Consultant Clinical Psychologist, as a service provider expert at the center, Dr. Hamdani provides her expertise & consultancy for two days at the center.

National Conference AICON'18 on 20-21 April.

CSI T's Annual National Conference is very well known in (central Indian) due to its academic value and organization. CSIT has been organizing AICON every year since 2009. This year Aicon'18 shall be on 20-21 April 2018. This year AICON shall be focusing on coted different streams of Engineering, Science and Humanities. AICON has been widely known for its distinctive themes & quality papers presented by well famous personalities. The theme of AICON'18 is Disruptive Technology. It is highly anticipated that this scholarly fest of CSIT will bring together about two hundred & fifty people together to discuss, share and communicate their innovative ideas, findings & scholastic achievements. Professors & researchers from different colleges will also present their findings. AICON'18 will be an amalgam of ten different department conferences, namely- computer science, Electrical & Electronics, Mechanical, Mechatronics, information Technology, English, Mathematics, Physics and applied Chemistry. The deadline for submitting full length papers with abstracts is 24 March. The conference proceedings shall be published with ISSN. Further information on Aicon'18 can be obtained from the conference website www.csitaicon.in

## Beat Your Negative Tints

Negativity is inevitable. We all have certain degree of negativity towards self and towards others. The inevitable existence of negativity is related to variety of psychological factors like – ego, closed mindset, procrastination, lackadaisical attitude, laziness, indolence. These factors create a comfort-cocoon around the mindset and isolate a person from the realities. Such condition results in various problems, communication-gaps and stress. Eventually productivity, energy-level and growth are badly affected. Happiness and energy-level largely depend on positive attitude of a person. The inevitability of negative attitude in human beings implies to the fact that human nature has flaws. But the essential part of human-life, especially professional life, is that how the tints of negativity are overcome. Whatsoever, it is essential for all to overcome negativity.

There are several methods to beat the negative mindset. The first one is the Time-Management. If one has developed a habit of "let-it-go" attitude or "procrastination", he/she may suffer from 'stress', 'over-load' or 'burden.' A pile of works or assignments lying before the person may make him/her feel low, incapable, under qualified or unskilled. In such cases the blame doesn't go on skills, capability or qualification but on procrastination. Habit of procrastination can be overcome by adopting the principle- "First things First".

Inferiority complex is yet another reason for negative mindset. Feelings of inferiority are strongly rooted in psychology. Person afflicted with such complex concentrate on inabilities, failures, mistakes, unachieved goals, bitter experiences of past, poor self-confidence and low self-esteem. Inferiority minifies not only performance but also personality. It sows seeds of failure as it hampers every work including communication. Thus, it is very necessary to subdue Inferiority Complex. It can be overcome by overlooking the darker side of the personality and the fear for failure. Methods? - Talk to people, have faith in your abilities, have a just-give-it-a-go attitude, read books and keep yourself motivated. One should talk about positive aspects, achievements and methods to beat the challenges. A company of energetic people helps much in boosting self-worth.

Ego is a crucial negative tint easily observed by others. If it as seeps into one's personality, it results in social distances, alienation and stress. It must be noted that ego is a higher order superiority complex that fabricates a mental status under the influence of which a man denounces others knowledge, skills, capabilities and existence even. This negative tint is overcome by being open-minded. Do not hesitate to reach to the acquaintances for any help and to lend the help too. Make friends and know their abilities. Accept your weaknesses and limitations. Think positively.

Excessive, useless and directionless gossips are also counted as negative traits. Avoid being engaged in them. One must try to avoid the company of gossipers who have just negative things to say. Such company does no good but fills in demotivation. It shall be better if one finds company of those who converse about Challenges, Solutions, Achievements and new trends in life and technology.

Negativity is the enemy within. The only weapon that can subdue negativity lie within. The first condition to become a brand is to find the negativities and beat them with utmost positive attitudes.

 **Dr. Chandra Shekhar Sharma**

Assoc. Professor & Head  
(Department of English)

## Knowledge Leaf

### VOCABULARY CORNER

#### Idioms

- **a breath of fresh air – a refreshing or invigorating change.**
- **nothing ventured, nothing gained – without taking risks, you can't expect to achieve.**
- **to blaze a trail – to innovate in a particular field and thus lead the way for others.**
- **to break new ground – to do something innovative in a particular field.**
- **early bird catches the worm – the person who takes the earliest opportunity to do something will have an advantage over other people.**
- **a change is as good as a rest – a change of occupation can be as relaxing as a break.**
- **Play it by ear - decide on a course of action as you go along.**

### Vocabulary

- **Adroit** - Quick or skillful or adept in action or thought
- She is an adroit technician
- **Iffy** - **Subject to accident, chance or change**
- It is an Iffy schedule
- **Clabber-Raw milk that has soured and thickened**
- The container wasn't clean , it seems. Milk turned into clabber
- **Zanily- Ludicrous, foolish**
- Don't state a zany reason for delay.

## Vijay Diwas resulted in new Nation- BANGLADESH

Vijay Diwas was observed across the nation on 16 December 2017. The day is commemorated every year, as it marks India's victory over Pakistan during the Indo-Pakistani war of 1971, which led to the creation of Bangladesh. The day's celebrations would witness participation from many ex-servicemen who had fought in the war. This year marks the 46th anniversary of India's victory over its neighbour. The day is celebrated as a Victory day by Bangladesh as well, as the surrender of Pakistan Armed Forces marked an end to its 9-month-long Liberation War. Some facts about Bangladesh are:



1. The official name of Bangladesh is the People's Republic of Bangladesh. The word Bangladesh means "Country of Bengal" in the local language.
2. More than half of Bangladesh's population is composed of farmers
3. Despite the prevalence of farmers in Bangladesh, its export earnings come mainly from the garments industry.
4. Bangladesh is sometimes called "the playground of seasons" because it has six – not four – separate seasons, which it calls grismo (summer), barsha (rainy), sharat (autumn), hemanto (cool), sheet (winter), and bashonto (spring).
5. Most of the population consider themselves Bengali. Bangla, often known as Bengali, is the official language. English is also spoken.
6. The hilly region of north east Bangladesh, Sylhet has many monuments that are similar to those found in Europe.
7. Bangladesh's oldest known city site is the city of Mahasthangarh.
8. Bangladesh is in the eighth place on population in the world (163 654 860 people).
9. Bangladesh is home to the world's largest river delta and the world's largest mangrove.
10. Cox's Bazar, Bangladesh is longest unbroken sea beach in the world.
11. Bangladesh has the third largest Muslim population in the world after Indonesia and Pakistan.
12. Kabaddi is the national game.
13. The national anthem was been written by Rabindranath Tagore.
14. The Government is headed by the Prime Minister as the head of the Government and the President is the chief of state.
15. It has a population density of almost 3000 people per square mile.
16. The Magpie Robin (or Doyel or Doel) is the national bird of Bangladesh.
17. Jackfruit (Kathal in Bengali) is the national fruit and the Mango tree is the national tree of Bangladesh.

 **Rahul Sinha**

Assistant Professor  
Electronics & Telecommunication Engg.

### WHO DECIDES OUR DESTINY

Since Ages, mankind is puzzled and has been trying to find out reason/logic that determines our destiny. Some says, our destiny is in hands of the almighty, whereas some believe that its already written. Few other believe that destiny is what the line on our palms, legs and forehead speak.

But, I strongly believe that there is something more logical than all there reason cited above if we really stop and ask ourselves, we must get the answer to the secret on our own self.

There are two factors that play an important role in shaping our destiny.

THOUGHTS

KARMA

First factor THOUGHT. Human mind is the creator of all the thought. It creates 50 to 60 thousand daily and our thoughts shape our destiny. The chain goes in this fashion

THOUGHT-> FEELING->ATTITUDE->ACTION->DESTINY

Second factor KARMA it quite a spiritual concept and needs to be understood in depth. However, I would like to introduce this concept in few words. KARMA means all the thoughts that I have made and the action performed since I have come to this world (not just in their body but earlier births as well)

The quality of the Karma is the energy not shall decide my destiny but the energy that shall return back to me. As it is said, what goes around comes around.

I think I should stop my pen here for the time being. Lets ponder if this logic really acceptable and try to change my destiny.

**Akshay Sah (IT 6<sup>th</sup> Sem)**

### Impact of Grooming on Professional Life

**“The way you dress says a lot about how organized you are, how you present yourself, and how others perceive you.”**

Proper grooming and professional appearance are important to gain positive impression and respect in the workplace. The way you look and carry yourself creates impact on people you get along with in the work setting. Proper grooming and professional appearance is important to both men and women. Lack of these may lead to poor image and may interfere with your chance of getting good impression and positive feedbacks from your workmates and superiors. One might say that the appearance does not matter in workplace, it is only the capability and knowledge that promotes growth. In this case, one needs to re-evaluate the scenario. It is equally important to dress well and appropriate in the professional world. It adds confidence to the individual.

The clothing employees wear to work sets the overall tone for the office. First impressions and overall judgements about people are initially made by the way they dress. It is crucial for organizations to establish a dress code that aligns with their business activities. It creates a high impact in expressing themselves and sending intended or unintended messages to the world around.

## Talk on “5S in Industrial Perspective” in Association with QCFI, Bhilai

In today's competitive environment, smart companies are fueling growth through leaner operations. Adopting lean practices, which focus on the elimination of waste throughout the enterprise, create cost savings while establishing an environment of continuous improvement. Many manufacturing facilities have opted to follow the path towards a "5S" workplace organizational methodology as part of a continuous improvement program or lean manufacturing process. The 5S process is a very simple methodical team based approach to organizing your work space to ensure that it is tidy, arranged ergonomically, efficient and capable of repeatable, quality output. The key benefits of 5S comprises less waste (improved efficiency), reduced space used for storage, improved maintenance, improved safety, better and more committed employees, improved quality. The 5S practice is not limit to industries only it may be implemented in hospitals, banks, educational institutions or even in our homes.



Understanding the importance and benefits of 5S, CSIT Durg in association with QCFI Bhilai chapter has taken a step to create awareness regarding the 5S to the mid and small scale industries in the region. A talk on "5S in Industrial Perspective in Association with QCFI, Bhilai Chapter" was organized on 7<sup>th</sup> January 2018. The talk was started in presence of Er. Ajay Prakash Verma (Chairman, CSIT), Dr. Anurag Verma (Director, CSIT), Mr. G. P. Singh (Director, QCFI India), Mr. SatyawanNayak (PRO, QCFI Bhilai Chapter), Mr. Sunil Trivedi (Head of Training activities, QCFI Bhilai Chapter), Mr. Rajesh Verma ( Registrar, CSIT Durg), Mr. Sanjay Singh ( Head T & P, CSIT, Durg), Dr. Amit Agrawal (Head Campus Connect, CSIT Durg), Mr. Rajat Agrawal (Associate Professor, Mex Dept.), Mr. H. R. Chandrakar (Senior Assistant Professor, Mech Dept.) and guest from the various industries. The program started with a welcome address to all the dignitaries present in the occasion. Er. Ajay Prakash Verma addressed the gathering and explained the basic though behind this talk on 5S in industrial prospective. Mr. Satyawan Nayak discussed about the QCFI India, QCFI Bhilai Chapter and the various activities carried out by the QCFI. At the end, Mr. G. P. Singh delivered his talk on 5S, he informed about the 5S terminology, various steps involved in 5S, how such practice will benefit industries, a short overview about the 5S certification. The industrial personal had shown their interest in adopting such practices in their organizations and cleared their queries regarding the same. Mrs. Deepty Dubey (Associate Professor & HOD CSE) and Dr. Vivek Mishra (Senior Assistant Professor, Mechanical Engineering Department) were the co-ordinators of the program.

## National Science Day at CSIT



National Science Day was celebrated on 28 Feb'2018 at shahid Memorial the aegis of Engineering Physics Department at Shahid Memorial auditorium. The Program Started with lighting of lamp by Dr. Anurag Verma, Director CSIT and Dr. Renu Tripathi (HoD, Physics) in the presence all HoDs and faculty member Dr. Anurag Verma highly praised the efforts of thestudents who presented their model working as well a non-working and advices students to apply their the ortal knowledge practically. Dr. Renu Tripathi (HoD,Physics) said the main objective of this event is to bring out the talent of students and to allow students to showcase their skills practically. Chairman Ajay Prakash Verma highly praised and appreciated the efforts of the students and visited all the models presented by the students. The first prize of the model competition was given to kanika, Garima and Arushi Hanal for water treatment plant, second Hydraulics to Jhalendra & Peeyush Thakur and third for Li-fi to Millind, Nikhil and Prithviraj.

## Hostel Day Celebration

Hostel Day was celebrated on 3 Feb.-2018 at Girl Hostel. The day marked high interest in the girls as they arranged various activities like dance competition song competition, dramas and various games. The girls hostel was nicely decorated with fresh flower, rangolis and painings. The Programme was huge and continued till late evering.

Dr. Anurag Verma, Director CSIT was the guest of honor for the programme and he praised and appreciate effort done by the girls and hosted management. The Programme witness huge success.



## CPL thrilled Everyone CSIT Premier League

**CSIT Premier League- CPL**, an inter branch dues-ball Cricket Tournament was organized by the student's Professional body of Department of Electrical & Electronics Engineering, from 19<sup>th</sup> January 2018 to 23<sup>rd</sup> January 2018 at CSIT Cricket Ground. The tournament witnessed a huge response and number of audience. CPL has been a most happening and awaited event for the students of CSIT. Every year CPL has been organized for the boys of all the department.C.S.I.T Premier League-8 was inaugurated on 19 January 2018 by the Director Dr. Anurag Verma. The special guests of the inaugural ceremony of CPL were Dr. Vivek Chandra (Head Department of Electrical & Electronics Engineering), Dr. Chandra Shekhar Sharma (HoD, English) and Mr. Rajesh Verma (Registrar). Director Dr. Anurag Verma laid the importance of sports in students' life and asked the students to adhere to the principles of sportsmanship in the ground and in the life too. The umpires of the matches of this tournament were Mr. Aakshay Nandanwar, Mr. Abhishek Borker, Mr. Riteesh Sahu and SAEED Association in-charge Mr. N.P Chandra. The different teams of branches that had played were:- CSE Spatans [Computer Science Engineering], Mech. Warriors [Mechanical Engineering], Elex Lethal Warroir [Electronics and Telecomm Engineering] and Mechatronics Knights [Mechatronics Engineering. Displaying their might over bowling, batting and fielding, Mech. Warriors emerged as champions. They defeated the CSE Spatans in the final match played on 23<sup>rd</sup> January 2018. In the prize distribution ceremony organised after the final match each player of winner and the runner-up team were given medals and trophies. The prizes were also given to the man of the series, man of the match for boys. The umpires of teh match were also honoured with mementoes. The other players who displayed excellence on the field were also awarded.



Karan (Mech.)	Man of the Series	---
Pankaj Dewangan (EEE)	Man of the Match	Elex Lethal Warrior Vs. Mechatronics Knights
Karan (Mech.)	Man of the Match	Elex Lethal Warrior Vs. Mech. Warriors
Gaurav (CSE)	Man of the Match	Mechatronics Knights Vs. CSE Spatans
Sandeep Kori(CSE)	Man of the Match	Elex Lethal Warrior Vs. CSE Spatans
Karan(Mech.)	Man of the Match	Mechatronics Knights Vs. Mech. Warriors
Naveen(Mech.)	Man of the Match	Mech. Warriors Vs. CSE Spatans
Shaurya(Mech.)	Man of the Match	Mech. Warriors Vs. CSE Spatans

### CSITians Participated in 8th Indian Student Parliament

Two CSITians namely Pranjal Sharma ( Mech./6<sup>th</sup> Sem) and Ananya Shukla, (CSE/4thSem) got an opportunity to participate in 8th **Indian Student Parliament** held at Pune from 19 to 21 January 2018. The parliament was hosted by MIT-World Peace University, Pune. This event was organized to inspire students and youth for strengthening democracy. The CSITians participated effectively in the parliament. CSIT Family congratulated the duo on their effective participation.

### Morning habits of successful people

Just to name a few, Shawn Carter, CEO of Roc Nation, who also runs sixteen businesses simultaneously, according to his own words, claims to be ready to work at 7:30 AM. The Former Oxygen Channel CEO Gerry Laybourne claimed to wake up at 6 AM every morning in order to step out of her house thirty minutes later. For many of these successful men and women, it is not simply a matter of waking up early; it is also, if not more, what they do once they're awake

**Wake up on time**

Getting up early not only will provide you a healthy start but also will help you performing all other activities on this list. Make a habit to get up at a suitable time during the early hours, preferably before 7AM.

**Exercise**

Light exercise during the morning helps in pumping the right volume of blood flow through your body. A healthy mind resides in a healthy body. This is your first step towards a perfect combination of physical well-being and mental stability.

**Switching on the positive vibes**

Good thoughts create good actions, and good actions cause good reactions. The way we think greatly affects who we are. Listen to motivational music or read motivational literature daily to keep in touch with the good vibrations.

**Organize your day**

Plan your day ahead to avoid wasting time in a state of confusion. Prioritize your everyday tasks by keeping a log of your activities. Don't keep your targets too easy nor push yourself to a burnout.

**Meditation**

Consider your mind as the engine of your soul. Meditation is the tool to control that engine. Try getting a hold on your thoughts and emotions to get the maximum performance out of yourself by practising meditation

**Stay informed about your surroundings**

Read the news!!! Take out a few minutes to go through the Google news app every morning. You will never run out of topics to start a meaningful conversation with your colleagues and peers apart from staying updated on the latest trends in politics and technology.

**Repeat**

If you did all the above then make sure to repeat the tasks daily. Make a routine and gradually after a fair amount of repetitions those will turn into fruitful habits.

**Mrs. Swapnil Tamrakar**

**Assist. Professor,**

**IT Department,**

## Guest Lecturer

### Meditation Session at CSIT



A Meditation Session was organised at CSIT to know the benefits of meditation and spiritual values by Brahma Rishi Patirji, the founder of Pyramid spiritual societies movement (PSSM) at Vivekanand Hall on 8 Feb. 2018. Brahma Rishi Patirji discuss an the values of truth, righteousness, peace love and non-violence. He also discusses about the power of self belief their connection with inner soul and God and their Union throng Proper meditation helps to lead & live a good life. Er. Ajay Prakash Verma, Chairman CSIT, said the mental health is the biggest concern now a days and meditation is very important to maintain good health. He further said that we all are honored and pleased to have Brahma Rishi Patirji to have with all of us here and allow us to experience meditation with live flute.

### Guest Lecture on Hydraulics

The Department of Mechanical Engineering and Department of Mechatronics organized a Guest Lecture in association with Industry Institute Partnership Cell on the topic Application of Hydraulics in Earth Moving Machinery. The lecture was on 20 February 2018. It was an opportunity for the students to listen to the expert industrialist on a very popular technology and machine. Mr Sanjay Agarwal (Area Manager (all CG) from JCB India Ltd), Mr S Dubey (Service Head-GK JCB) and Mr Dinesh Verma (GM Sales-GK JCB) gav very valuable information on applications of Hydraulics in industries. The student also got an opportunity to know employability scenario in this field. Guest Speakers presented the details about the multinational company JCB and its products through a corporate PPT and an illustrated video. In between, they explained about the use of hydraulic power systems in the machine for loader bucket (having 1.2 m3 capacity) and backhoe bucket operation. Application of Telematics & automation i.e, GPS system for location, usage hours & fault finding / reporting was elaborated in real time via the internet. Later a live demo and working of the machine was witnessed by all the students in which they could understand the working of hydraulic components like, Pump, Valves and Cylinders. Some of the parts like high pressure hoses were of Parker make. Few lucky students tried their hand at the control valve lever of the machine and operated the buckets with the swiveling movement of the backhoe arm assembly. All the students were thrilled to watch the capability of the machine.



### Lecture on Career Opportunities for Engineers in Nuclear Energy Sector

The Department of Mechanical Engineering and Department of Mechatronics organized a Guest Lecture on the topic career opportunities for engineers on the front line areas of Nuclear Energy on 18 November 2018. The speakers were Dr. Harishankar Patel, Senior Scientist and Dr. Rahul Shukla Scientific Officer from Dr. Raja Ramanna Center for Advanced Technology, Department of Atomic Energy Indore. Dr. Harishankar Patel currently works at Raja Ramanna Center for Advanced Technology. Dr. Patel does research in Medical Physics, Optics and Nuclear Physics. And Dr. Shukla currently works at the Indus Synchrotrons Utilization Division, and does research in Materials Engineering, Mechanical Engineering and Engineering Physics. Students of VI Semester of both the organizing department attended the Lecture and got an opportunity to interact with such renowned personalities.

In this lecture Dr. Patel spoke upon the generation and the utility of the Nuclear Energy and how it is the low cost source of energy. He also highlighted upon the role which the Engineer can play in the Department of Atomic Energy. The ways in which engineers can enter into the Department of Atomic Energy, and their role in the development of nation. Professors of the respective departments- Prof. Rajesh Kumar, Mr. Rajat Agrawal, Mr. Ajay Gupta and Mr. Avinash Gavel attended the lecture.

## Purpose of Education in Society

### Education is Self Empowerment

Receiving a good education helps empower you, thus making you strong enough to look after yourself in any given situation. It keeps you aware of your given surrounding as well as the rules and regulations of the society you're living in. It's only through knowledge that you can be able to question authority for its negligence or discrepancies. It is only then that you can avail your rights as a citizen and seek improvement in the structural functioning of governance and economy. It's only when a citizen is aware about the policies of its government can he be able to support or protest the change. As a whole, people can bring about development only when they know where improvement is necessary for the greater good of mankind. Education helps you understand yourself better; it helps you realize your potential and qualities as a human being. It helps you to tap into latent talent, so that you may be able to sharpen your skills.

### Growth in Personal Aspiration

There also comes a phase when the amount you are earning presently will seem inadequate because your aspirations and expectations from yourself would have grown considerably. After this, you will want to change jobs so as to have a higher profile. However, here is when you need to be prepared. A promotion of this figure can occur in two given situations, which are, that either you have the necessary higher academic qualification or a college degree which allows you a safe passage, or that you have amassed enough practical experience which allows you to be a suitable candidate for the employment you seek.

## Guest Lecture on Object Oriented Programming

A guest Lecture was organized by Department of Information Technology on "**Object Oriented Programming**". The resource person for these lectures was **Mr. Gandhar Patwardhan, S2P Edutech, Nagpur**. This special session was arranged for the students of 4th Semester (IT & CSE) on **20 to 21 February 2018**. This special session was conducted for the awareness regarding basic concepts & programming examples. The session started with the overview & benefits of object oriented programming. He explained that software developments continues to offer benefits for enterprises around the world, based on their business objectives. Mr. Patwardhan focused on various important topics such as object, class, polymorphism, constructors, static operators, function overloading, memory allocation, pointers, encapsulation, etc. With his immense knowledge and understanding, Sir addressed various doubts of students on programming. The lecture just benefit students in understanding programs, but also exploring the various career opportunities that they could look forward to in near future.

## Celebrations @ CSIT

### National Science Day



### Hostel Day Celebrations



## Career Counselling

The core personal metaphor of sixth-level digital dharma is "deep seeing." That is, moving from focusing on what's in front of us to expanding our vision to take in the big picture of reality. This level of awareness, often realized through intense spiritual practices (and sometimes via equally intense psychedelics or spontaneous breakthrough situations) is awareness apart from the thinking mind. It involves processing the data from the outer world in full consciousness that one is in fact data processing.

This book's first two chapters connected telegraphy, text messaging (SMS), radio-frequency identification (RFID), and telephony to the challenges of personal communications and body-centered awareness. The middle three chapters looked at how radio, television, and the Internet teach us about relationship to others. Now we explore the emerging technologies of digital media and pervasive "grid" computing-true second tier technologies that model the advanced psycho social developmental work of the transpersonal realm.

Sixth level thinking is by its nature holographic, holding all levels of the greater information and energy-filled "metauniverse" in awareness and appreciation; thus, it is free to see deeper, to tune across the whole range of consciousness. This level of digital dharma is about learning to communicate beyond the surface forms, to connect soul to soul, In energy, yoga, this communications transponder is centered at the third eye," the organ of visual, psychic, and intuitive to an expanded awareness that sees through whar sri Aurobindo calls 'the eye of

"From this place, all ways satisfies. All levels of reality, all ways exploration: Experience is all there social organizing principles at this dharma is to become a "systems individual's and every culture's belief system, freely and languages. Sixth-level digital dharma requires one to widen one's 'truths" than those one is most attached data of the ego self to sixth-level realm of perception Dharmadhatu, the realm of all dharmas, what we call "darkness" and "light" are united once again. It is a state of see one object is to see all objects, or in poet William Blake's words, "to In this state of awareness, commonplace things radiate their It decodes all incoming signals and discerns which ones to act upon, more than one story to believe. In this state, the inner V1S10n functions, and relationships, are but maya, fleeting illusions of awareness sees beyond the body into the cells and the DNA; it sees not that created the projector, screen, theatre, and audience as well!

The mystic's eye sees beyond superficial appearance and the other; to what the Hindus call Advaita, the true state of non-duality; "modulates" all reality. It understands intuitively what Marshall medium, and do not get hung up on each of the spe-cific messages." As to remember that , When a strong wind blows, It rushes through armour. , Branches, leaves and trees dance. , All these things look different. , But in root and reality they're one., The wind.7

When the mind is prematurely opened to sixth-level awareness but not grounded in the lower centers, when the filtering systems of fifth-level dharma are not fully developed, the nervous system cannot handle the shock of seeing beyond the veil. For some, the result may be false insights and delusional "messages" from God. More often, we simply get lost in our own knotty ego projections, the mind's palace of mirrors.8 At its worst, the sixth level becomes aplace where nothing can be trusted, where, as in the nightmare worlds of Blade Runner, Total Recall, and Mz'z2orz'ty Report (all created by 1950S science-fiction writer Phillip K. Dick), "dreams are real, and reality turns out to be a dream." I believe that our inter connected, packet-based Web technologies have indeed thrown us beyond the veil, whether we are prepared or not. Sixth-level digital dharma requires us to embrace the " all seeing," all-spectrum quality of the divine." Our only other choice is to turn away into a deconstructed universe, where nothing seems to exist but clever ness and special effects.

The Infosphere's sixth-level technologies are megapixel cameras, camcorders, and photo cellphones; DVD players; and high-definition television (HDTV) receivers. All of these tools are based on the digital encoding and manipulation of what we think we see. They all openly rely on illusion, on the creation of digital sound and image files that trick the brain into creating more than what has actually been delivered to the retina and eardrum. Just as we routinely use digital editing software to adjust the " reality" of our digitized experience to crop and zoom; choose a point of view; change colors, contrast, and brightness-our media challenge us to explore our point of view, to look wider and deeper, to focus on the once-hidden details of our visual field. Metaphorically, these media ask us to focus on the shadows, blurred lines, and comfortable concepts that have thus far defined our personal reality.

" Random-access technologies such as DVDs invite audiences to actively play with the unfolding of the traditional storyline. DVDs allow the viewer to experiment with temporal order by adding a second dimension to the linear flow of a story, perhaps by skipping forward or back, jumping to alternative shots, or watching the same story with a different soundtrack. No longer a passi receiver, one can interrupt, request more information, read the script, interview the performers, listen to the director's commentary, and try out different endings."

### Seven Keys to Improving Teaching and Learning

Most students hate cumulative exams, largely because of the sheer volume of course material they need to study and demonstrate proficiency in. But there's another reason, especially in courses where there are formulas or specific tools that need to be used, and it has to do with how well they truly understand the course material.

For example, it's one thing for physics students to know how to apply the equation  $F = ma$ , when they're studying the chapter on Newton's Second Law. It's quite another when they're taking a cumulative exam and need to know when and how to apply the different formulas swirling in their heads based on the various problems presented.

Taking these students from a rather superficial knowledge structure to a richer, more meaningful knowledge structure requires an instructor who truly understands the learning process and then works to create the optimal climate for learning, says Michele DiPietro, PhD, executive director of the Center for Excellence in Teaching and Learning at Kennesaw State University.

During the recent online seminar 7 Learner-Centered Principles to Improve Your Teaching, DiPietro distilled more than 50 years of instructional research into seven key principles, and explained how understanding each of those principles can enhance teaching.

The seven principles are:

1. Students' prior knowledge can help or hinder learning.
2. How students **organize knowledge** influences how they learn and apply what they know.
3. Students' **motivation** determines, directs, and sustains what they do to learn.
4. To develop **mastery**, students must acquire component skills, practice integrating them, and know when to apply what they have learned.
5. Goal-directed **practice** coupled with targeted **feedback** enhances the quality of students' learning.
6. Students' current level of **development** interacts with the social, emotional, and intellectual **climate** of the course to impact learning.
7. To become **self-directed** learners, students must learn to monitor and adjust their approaches to learning. If you're just getting started with learner-centered teaching, DiPietro offers the following advice.

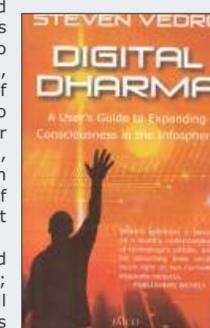
"My first suggestion is to start where the bottlenecks in the discipline are," he said. "What topics in your course are harder for the students? Why is that? Are students lacking requisite prior knowledge? Do they need more practice of certain basic skills? Do they bring misconceptions to the table? If you don't know, collect some data. Once you get a handle on the reasons why, start bridging those gaps with appropriate interventions. Work incrementally. Get comfortable with a few changes in your teaching first, and then expand to others, until you reach a tipping point... Becoming more learner-centered inevitably means giving up some of the control in the classroom. This can be daunting, but it can also free up opportunities for more personal and meaningful learning for the students."

Prepared By: **Shashikant Agrawal**

Sr. Assistant Professor, ETC, CSIT, Durg

## Seeing Deeper Seeing Wider

### Updating with Guest Thoughts



passionately interacting across all beliefs and psychological reception channels, to take in more frequencies, to consider other something much bigger. On an inner spiritual level, Buddhism calls the where all possible past, present, and future realities coexist; that place where emptiness and the arising of form are in balance, where to see a world in a grain of sand, and a heaven in a wild flower."

essence. The eye is opened to the cosmic, but grounded in compassion. knowing all the time (as yoga philosophy tells us) that there is always recognizes that all the stories of the manifest world, with its attributes, concreteness in time and space that are essentially false.5 Sixth-level only the individual frames of each "life story car-toon," but the "ceis"

personal characteristics, beyond habitual concepts, to the true self in to the underlying light of pure (Bra/amam) conscious-ness, which McLuhan told us fifty-plus years ago: Pay attention to the underlying the Sufi poet Jelaluddin Rumi wrote more than 750 years ago, we need windows. And lifts carpets and levitates straw., A pond looks like rippled

complete union. of seeing habitual mindset no longer of seeing the world, are open for fearless is. Cocreation and collaboration are the level. Out in the day to day world, one's seer," seeing and respecting every

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### ISRO launches 100th satellite: All you need to know about the 'New Year gift' to the country.

ISRO, India's premier space research organisation, gave the country a gift that can be best called 'one of its kind'. ISRO launched India's 100th satellite along with 30 others, out of which 28 were from different countries. All the satellites were launched from a PSLV or Polar Satellite Launch Vehicle from the Satish Dhawan Space Centre at Sriharikota. AS Kiran, outgoing Chairman of ISRO said, "During the launch last year, we had problem. But this launch proves that all problems were addressed and rectified. Happy to give this new year gift to the country." Kiran was referring to ISRO's mission to launch spacecraft IRNSS-1H onboard PSLV-39 that was unsuccessful.

PM Modi also congratulated the organisation and tweeted, "This success in the New Year will bring benefits of the country's rapid strides in space technology to our citizens, farmers, fishermen etc." "Benefits of India's success are available to our partners! Out of the 31 Satellites, 28 belonging to 6 other countries are carried by today's launch," he added.

As ISRO achieves this milestone, here's everything you need to know about it:

1. The PSLV carried the Indian Cartosat-2 and 28 other satellites from six countries - US, UK, South Korea, Canada, Finland and France.
2. Cartosat-2, the primary satellite of the mission was launched for the observation of Earth and weighs 710 kg.
3. The Cartosat-2 will send in high resolution images that would be used for cartographic purposes, road network monitoring, water distribution and such.
4. The Cartosat-2 has been designed to stay in the orbit for five years.
5. The satellites are to be launched in two orbits and the entire process would take around 2 hours and 21 minutes.
6. Along with Cartosat-2 series, PSLV-C40 also carried 25 nano-satellites, weighing 10 kg each and three micro-satellites, weighing 100 kg each.
7. The Cartosat-2 series was the first to be released from the rocket, followed by the nano-satellites and then the micro-satellites.
8. The combined weight of the satellites was 1,323 kg.
9. The PSLV-C40 stood tall with a height of 44.4 m.



## Workshop @ CSIT Cyber Security Workshop

The Mozzaire Club of CSIT, Durg Organized two days National level workshop on cyber security on 8<sup>th</sup> & 9<sup>th</sup> February, 2018 by Department of computer Science and Information Technology which was sponsored by Chhattisgarh Council of Science & Technology. The guest speaker for the program were Mr. Sahil Khan & Mr. Deepanshu Gajbhiye from Aristi lab, Bhopal.

Mr. Deepanshu Gajbhiye started the session with basic Linux commands and cyber security. He explained it totally in practical sense. Mr. Sahil Khan expended the session by discussing about OSINT and other aspects. Mr. Mohd Arif, event coordinator addressed the audience about Null Community which is an open source and Non-profitable community working in the field of cyber security.



Dr. Anurag Verma, Director CSIT, welcome all the guest & extended his warm wishes. Mr. Prashant Richharia (HoD, CSE) Mrs. Neelam Dewangan (HoD-IT) and all the faculty members of CSE & IT department were present in the event.

The core Team of Mozzaire Club praised for their effort for organizing such an amazing event. The programme witness huge success.

## Industrial Visit to DEVBHOG, Raipur



In continuation to the efforts towards facilitating industrial exposure through Industry Visit for the students, Department of Electronics & Telecommunication Engineering had organized the Visit to "DEVBHOG" on 7<sup>th</sup> February, 2018. This tour aimed for giving an exposure of practical work life situation and of production unit to the budding young Engineering professionals. A total of 39 students of 4<sup>th</sup>, 6<sup>th</sup> and 8<sup>th</sup> semester went on this industrial visit. AGM-Production, Mr. Chugh interacted with the students and explained the technology involved in milk processing. He also explained how technology integrates and completely automates all functions of milk processing and ensures high product quality, reliability and safety. During the visit, Students were given a brief introduction about the company by the Company Representative.

The student witnessed the process of procurement, standardization and distribution of milk to various outlets. In the laboratory students were told about different methods to know the adulterations, fat percentage, and pH value of the milk before packaging. Only after the milk is found to be good, processing is accepted by the plant else rejected. He also told about the various processes conducted on the milk like Filtering, Humiliation, Standardization, and Pasteurization. They came to know about the process of automation & computerization of plant right from entry to exit of the milk. The milk is boiled at a temperature of 74 °C immediately stored at a temperature of 3°C. The students visited processing area, tanks and how things are done automatically. Faculties of the ETC Department accompanied the students.



## Student Moments of EEE Department visit Solar Power Generation Plant

In pursuit of providing real-time experience to the students of Electrical and Electronics engineering technical visit to solar power was organized from 7 to 9 February 2018. The students visited the solar power generation plant of the CSIT and learnt the functioning of the related facilities. The visit

was for the students of IV, VI & VIII semester. The students visited the huge solar power plant, whose generation capacity is 200kw. The visit exposed the students to the process of generation, controlling, maintenance and distribution to the grid. The students also came to know about Solar PV Modules, PCU / Inverter, Grid connected system, functioning of inverter and inter connecting cables used to interconnect solar PV components like Solar Modules, Junction Boxes, & Inverter. The visit also aimed to create awareness about renewable energy resources among the students. About ninety selected students of the department participated in the visit. The faculties of the EEE Department Mr. Rajnish Pandey, Mr. Anand V. Bakshi and staff member Mr. Toran Lal Sahu coordinated the visit and explained the process involved at the plant.



## Students of EEE Visit NSPCL

Department of Electrical & Electronics Engineering has successfully organized an industrial visit on 12<sup>th</sup> Feb, 2018 to "NSPCL (NTPC SAIL POWER CORPORATION LIMITED)" Bhilai. This industrial visit was organized for the students of VI semester of Electrical & Electronics Engg. Department. 14 students of VIII semester visited to the plant. In this visit the students learnt about the generation and distribution of power. The officer In-charge Mr. B.K. Bishwas, give the brief outlines of the power generation & the procedure which is followed inside the plant.



Students visited boiler section, and other was taken to the switchyard section. Then they were taken to the control room where entire process of industry is taken care of. The group also studied about the transformer, transmission line and other equipments like CT, PT lightning arrester and wave trape present there.

Three faculties of our department Mr. Anand V. Bakshi and Ms. Rahila Parveen went with the students. Our Lab Staff Mr. Toran Lal Sahu is also with us.

## GUEST LECTURE ON CAREER OPPORTUNITY

A Guest Lecture was conducted by the Department of Mechatronics Engineering on the 18 January, 2018. The speakers were Dr. Harishankar Patel, Senior Scientist and Dr. Rahul Shukla Scientific Officer from Dr. Raja Ramanna Center for Advanced Technology, Department of Atomic Energy Indore. Dr. Harishankar Patel currently works at Raja Ramanna Center for Advanced Technology. Dr. Patel does research in Medical Physics, Optics and Nuclear Physics. And Dr. Shukla currently works at the Indus Synchrotrons Utilization Division, and does research in Materials Engineering, Mechanical Engineering and Engineering Physics. They spoke on the topic "Career Opportunities for Engineers in the Front line Areas of Nuclear Energy".



The different applications of nuclear energy were presented and the mode of entering into the Department of Atomic Energy and adopting it as a career was dealt at length. They said that candidates are selected in the Department of Atomic Energy on the basis of their GATE score or on the basis of their performance in an online examination conducted by the BARC training schools. The Sixth semester students of all the branches were present.



Prof. Rajesh Kumar, HOD (Mechatronics), Dr. Vivek Chandra, HOD (EEE), Mr. Pradeep Agrawal, Mr. Apurva Chouksey, Mr. Kawal Lal Kurrey and the faculty members from different departments were present.

## Industrial Visit Indian Boiler Group, Rajnandgaon.

The students of VIII semester of Department of EEE were taken for the Industrial Visit to I.B Group Rajnandgaon, which happens to be the leading producer of poultry products in India. The visit was on 7 February 2018. Indian Broiler group's oldest venture is poultry business and today is involved in a number of other allied businesses. Many of these new ventures have been set up to support the group's poultry business others have in fact stemmed from the poultry business.



The students witnessed the process of producing Soyabeans products, poultry products, fish food, automation and high voltage electrical facilities. The students visited the control room where they saw the PLC based control system use to control and observe the operation of entire plant. Then they saw boiler section, vertical water tube turbine and capacitor banks. Students also visited **Electrical substation too. In the Reverse Osmosis Plant where modern technology is used for purification of water to maintain the pH value of 7-10 is maintained. The Cyco unit exposed the students to the storage facilities and modern amenities like hopper, classifier, elevator, weight hopper, cracker, flaxer, and expander.** The students also saw the **Preparation unit where** the outer layer of the soyabean is removed with the help of steam. This unit also consists of MMI (Man machine interface unit) for the control of entire process. The soya waste is then used as a food for fishes and broilers in the farm.

## NSPCL, NTPC SAIL POWER CORPORATION LIMITED.

An industrial visit was organized by Department of Electrical & Electronics Engineering on 12<sup>th</sup> february/2018 to NSPCL (NTPC SAIL POWER CORPORATION LIMITED), Bhilai for 6<sup>th</sup> and 7<sup>th</sup> sem. students along with three departmental faculty.



Mr. B.K. Bishwas welcomed all gave brief outline of the Power generation and the procedure which is followed inside the plant. NTPC SAIL POWER CORPORATION LIMITED has a Power generation of 2x250 MW and the rating like Generating Kv of NSPCL 16.5 kv, current rating 10 Ka. Unit auxiliary transformer 50 MVA, two generating transformer 315 MVA, two makup transformer 10 MVA, ACSR twin bundle conductor and Transmission kv 400 kv, 2000A.

The next session was taken to the switchyard section and control room where the whole and sole process of industry is look after. They also explained about transformer, transmission line and other equipments like CT, PT lightning arrester and wave trape. Oner all the trip was very informative as students were able to get practical knowledge.

## CSIT's NSS Unit Organised Week-long Rural Camp Initiative to Connect youths to Rural Life to Change

NSS unit of Chhatrapati Shivaji institute of technology organized seven days special camp at shilpgram Thanod [Distt. Durg] from 5 to 11 February 2018. In the seven day long camp the NSS volunteers contributed towards the social development and rural service programme but also the learnt about personal hygiene, team building and intellectual growth. Er. Ajay Prakash Verma appreciated the works of volunteers. Many dignitaries visited and delivered talks to the volunteers and villagers on different days.



The camp was inaugurated by Director Dr. Anurag Verma amidst the presence of village-head, panchayat members and gobs of villagers. In his inaugural Speech Dr. Verma laid emphasis on the contribution of villages in making India a super power, and the contribution of youth in making villages smart.

For these seven days, every morning of the volunteers started with a yog session and Prabhat Pheri. The concept behind Prabhat Pheri was to make people aware and awake. The yog sessions were well coordinated in teh early mornings by CRM Mr. Rajeev Nair. After the breakfast the volunteers engaged them selves in project works like cleaning of school premises, sheetala temple, Satnam chowk, Primary school, Gardens near panchayat bhavan named upvan ,madhuvan, cleaning of bore wells and bazaar area; with a motive to create awareness among the villagers about cleanliness.



The evening intellectual talk and cultural time used to attracted many villagers. The concept behind intellectual talk was to make the students and villagers aware of latest schemes operated by bank, post office and government policies. Monika Pandey (TI, Special Women Cell), Dr. Pankaj Gupta, Mr. Parkash Soni (Bank Manager, CRGB), Team of experts from dental college and Yoga experts briefed the gathering on various topics.

In the evening cultural Program was hosted and conducted by NSS volunteer with village students. This environment around students enhanced the speaking, anchoring as well as organizing spirit in them. The camp was organised under the eminent leadership of Prof Pratibha S. Kurup who is NSS Programme Officer at the CSIT.

## Industrial visit to GEARCON LTD

The student of the IV Semester of Mechnaical engineering departmen got an opportunity to see manufacturing technology of gears at GEARCON Ltd. which is one of the state's very reputed plant sprawled across 30,000 sq. feet in the well laid-out Industrial area in Tedesara, Rajnandgaon.



The studens went to the plant on 25 January with the faculties of the Department. Incorporated in India in 1993, GEARCON is a company devoted exclusively to the technology driven industry of Gears and Gearboxes that impact. GEARCON is in the process of completing what will be, one of the country most sophisticated, state of the art of manufacturing facilities. Mr. Ajay Gupta and Mr. Sondutt Sahu coordinated the Visit.

## CSIT Premier League CPL

CSIT Primer League, an inter branch leather Ball Cricket Tournament was organized by department of EEE from 19 January, 2018 to Twenty three January, 2018 at CSIT Cricket Ground.

Dr. Anurag Verma inaugurated the league and declare all the rules and regulation for the players.

Total five teams participated in the programme and total six matches were played between them. The final match was played between mechanical warriors .

CSE Spartan Mechanical warriors wen the final match of the league. The man of the match was given to Shourya/Mech. The whole tournament was organized successfully with great contribution by SAEIE Associations Members in the presence of huge crowd of audience.

## Grooming Session organized by SWAR

A guest lecture on personal grooming was organized by WOMENS GRIEVANCE CELL, SWAR (Strengthening Women's Awareness and Rights), for the female faculties of Chhatrapati Shivaji Institute of Technology on 11th January, 2018. The resource person for this ssession was **Mrs. Juhi Vyas**. She is trained from **Asian Bridal Academy, London**. The purpose of this session was to establish basic guidelines for appropriate work dress which will promote a positive image of the institution. She started the session by discussion with the faculty members about the proposal of dress code which needs to be implemented in the college. Grooming session basically focuses on importance of dress or outlook in any field of work and also basic neat hairstyle which should not distract from the learning environment.



Mrs. Juhi Vyas focuses on the ways of becoming role model for students for that discussion was done to have "Dress Down" Days. The purpose of designated "dress-down day" at CSIT, DURG campuses is to cultivate and nurture a spirit of team work and unity among the staff and faculty. She also very well explained the do's and don'ts for women to get a professional look and to be presentable always.

## Industrial Visit Infotech Promotion Society (CHIPS), Raipur

An Industrial visit was organized by Department of Information Technology to Chhattisgarh Infotech promotion Society (CHIPS), Raipur on 24 January/2018 Total forty five students from IT department and two faculty Ms. Mamta Yadav and Mr. Shailendra Dewangan visited CHIPS. The tour was started with the interaction session with Mr. Abhishek shrivastava and Mr. Gaurav they guided and gone various informative detail. CHIPS as an organization meant for propelling IT growth & implementation of the IT & e-Governance Projects in the state of Chhattisgarh. CHIPS involves in the end to end implementation of Mega IT Projects. The session ends with the question and answer round various doubts and other problems were solved and discuss by the officials of the CHIPS. Visit was informative, interesting and very successful. Students under a live Data center and importance of technology selection.



## Industrial visit to Hariom Industries Ltd.

Students of the IV semester of Mechanical Engineering saw the manufacturing process and industrial facilities at Hariom Industries Ltd., Bhilai. The group of students accompanied with the faculties Mr. Buddeshwar and Mr. Abhash Shukla visited the industry on 14 February 2018. Hariom Group is manufacturer & Supplier of Epoxy Coated TMT Rebars, TMT Bars, Dowel Bar, Epoxy Coated Dowel Bar, MS Billets, PVC Coated Binding Wires and MS Binding Wires. It's TMT Bar products are extensively used by various industries for its major features like high tensile strength, flexibility and requisite ductility.



## Industrial visit to BSP

A visit to the Bhilai Steel Plant was coordinated by the Mechanical Engineering Department on 17 February 2018 fortis students of IV semester. The students witnessed the production of plates at the mill and other industrial process.



## Students see Power Generation Facility at Substation

The students of the IV, VI and VIII Semester of the EEE Department visited the power generation substation at the college to understand the technicalities involved in generation and transmission. The visit was from 7 to 9 February 2018. The three-day long intensive visits exposed the students to the technical aspects of power generation and distribution. The students visited the substation and learnt about 33 KV/4150v power generation/ transmission system. The students also came to know the technical aspects of 250KVA & 150KVA generator, transformer 33kv/4150v bus bar, automatic power factor controller and process of controlling the distribution of power in the campus. The faculty of the EEE Department Mr. Rajnish Pandey, Mr. Anand V. Bakshi and staff member Mr. Toran Lal Sahu coordinated the visit and explained the process involved at the plant.



## Visit to Khedamara Power Sub station

On the 21 February 2018, the Department of Electrical & Electronics Engineering organized a visit for the students of the IV and VI semester to khedamara substation whose capacity is **400/220 KV**. A selected group of 20 students from VI Semester and 26 students from IV semester accompanied by two faculty visited the Khedamara substation plant.

After the security check, the officer in-charge Assistant Engineer Mr. Sudhanshu Tripathi gave the guidelines and briefed about the functioning of the substation. The students learnt about **isolators, circuit breakers, transformers, CT, PT** and many other equipments. Later the students were divided into 2 groups for further practical observations. One group was taken to the switch yards section, and other were taken to the transformer section. At the yard the students were briefed about the transformer, transmission and other equipments present there. Students clarified their doubts and got satisfied with the answer given by them. Assistant Professors Mr. Vivek Bargate and Mr. A.V. Bakshi of the Department and the Teaching Assistant Mr. Toran Lal sahu and Mr. Hemraj Sahu accompanied the students.

