



## WORKSHOP

### ***Three-Days First Aid Workshop was organised by the UTD Diploma Department***

The UTD Diploma Department, in collaboration with the Industrial Safety and Fire Safety Engineering and Mining Engineering Department, organized an enriching three-day workshop on "First Aid" for students and faculty members of University Teaching Department. The workshop, held at the prestigious Seminar Hall, Visveswaraya Bhavan, CSVTU, Bhilai, featured esteemed speakers, Dr. Yashwant Chandrakar (MD), an AYUSH Medical Officer and First Aid Master Trainer from IRCS Chhattisgarh, along with his associate trainer Meena Bhardwaj.

The opening day commenced with a warm welcome to the distinguished speakers and trainers, including Sameer Yadav, State In charge and State Coordinator of Junior and Youth Red Cross, and Dr. Yashwant Chandrakar, a renowned Ayush Medical Officer at the Ayush Wing of District Hospital Mahasamund. The Director of University Teaching Department, Chhattisgarh Swami Vivekanand Technical University, extended his heartfelt welcome and emphasized the significance of First Aid in various scenarios, be it at home, accident sites, or industrial setups.





Throughout the three-day workshop, participants received comprehensive education on various first aid techniques for handling critical situations, such as fractures in hands, feet, throat, ribs, and spine, burns, snakebites, scorpion stings, and dog bites. Dr. Chandrakar laid emphasis on refraining from attempting to suck snake venom and avoiding giving water to victims before seeking professional medical help.

The workshop also provided hands-on training in responding to drowning incidents and administering appropriate first aid. Under the expert guidance of Dr. Chandrakar and Meena Bhardwaj, the attendees, which included professors and students, actively engaged in learning the techniques, demonstrating their commitment to mastering life-saving skills.



Vice Chancellor Dr. MK Verma encouraged active participation by dividing the master trainers into different groups and creating simulated scenarios. Participants were commended for their enthusiasm and dedication to learning first aid techniques.

The workshop concluded with a written test to evaluate the participants' understanding of the subject matter. Successful attendees were awarded certificates of completion. The closing ceremony saw the presence of Vice Chancellor Dr. MK Verma, Director Dr. PK Ghosh, and Red Cross Society Ayush Medical Officer Meena Bhardwaj, who praised the participants' dedication.

Overall, the three-day First Aid workshop proved to be a highly beneficial and informative event, equipping technical students with life-saving skills and knowledge that can make a significant difference in emergency situations. The dedication shown by the participants and the guidance of expert trainers like Dr. Yashwant Chandrakar and Meena Bhardwaj made the workshop a resounding success.





## PLANTATION

### ***NSS Volunteers Plant 20 Trees on CSVTU Campus to Celebrate Hareli Festival***

In a heartwarming celebration of the traditional Chhattisgarhi festival, Hareli, the NSS volunteers of UTD, CSVTU, came together to organize a plantation event on the university campus. The event took place on Monday, July 17th, 2023, and witnessed the enthusiastic participation of 20 dedicated volunteers. Under the guidance of Program Officers Subham Yadav and Dr. Smita R. Bhardiya, the volunteers planted a total of 20 trees, including the vibrant Gul-mohar and Amaltas species.

The chosen planting location was an area on the campus that required significant effort to access, particularly during the monsoon season. However, the volunteers tackled the challenge with determination, clearing the area and preparing it meticulously for the tree plantation. Once the saplings were carefully placed in the ground, the volunteers made sure to provide them with adequate watering and care.

The plantation event not only contributed to the greening of the CSVTU campus but also raised awareness about the significance of tree planting for a healthier environment. Trees play a vital role in purifying the air, providing shade, and supporting biodiversity, making this initiative an essential step towards a sustainable future. During the event, the volunteers took a solemn oath to protect and nurture the newly planted trees until they could thrive independently. This demonstration of their commitment to environmental preservation and positively impacting their surroundings was truly inspiring.



The successful plantation event left a positive mark on the university community, as the volunteers' efforts will lead to a more eco-friendly and greener campus in the coming years. The collective dedication and passion shown by the NSS volunteers in taking part in this initiative exemplify their sincere desire to make a difference and contribute to a greener and healthier planet.

With the plantation of 20 trees on the CSVTU campus, the volunteers have celebrated the joyous spirit of Hareli but also set an example for the entire community to follow. Their selfless actions and determination to nurture nature will undoubtedly impact the campus environment for generations to come.



## TRIBUTE

### ***CSVTU Commemorates 24th Kargil Vijay Diwas with Solemn Tribute to Martyrs***

Chhattisgarh Swami Vivekanand Technical University (CSVTU) observed a heartfelt and inspiring celebration of Kargil Vijay Diwas on July 26, paying tribute to the valiant soldiers who made supreme sacrifices during the historic Kargil War.

The event, held at the university campus, was graced by esteemed guests, including veterans who fought in the Kargil War, namely Captain RN Gopal, Narendra Deshmukh, Chitranjan Sahu, Dayanand Chandra, and Pushp Raj Giri Goswami. Alongside these war heroes, dignitaries such as Pro Vice-Chancellor of CSVTU, Dr. Sanjay Agrawal, UTD Director Dr. PK Ghosh, and NSS State Coordinator Dr. DS Raghuvansi, faculty members, staff, students, and other respected guests came together to honor the selfless dedication of our armed forces.

The event commenced with a solemn Saraswati Vandana and a tree plantation ceremony, symbolizing the growth and resilience of the nation. The Director of UTD-CSVTU reflected on the sacrifices made by the Indian Army to safeguard the sovereignty and unity of the country.

An NSS volunteer delivered a heartfelt speech highlighting India's victorious triumph in the battle of Kargil and the profound significance of national integrity. A poignant video documentary showcasing the Kargil War and India's emergence as a formidable nation was also screened, stirring emotions and instilling a sense of pride. Captain RN Gopal, one of the distinguished war veterans, took the stage to emphasize the paramount role played by the Indian Army in safeguarding the nation. Following him, Narendra Deshmukh, Chitranjan Sahu, Dayanand Chandra, and Pushp Raj Giri Goswami shared their courageous and inspiring experiences during the war, leaving the audience in awe of their valor and grit.

Dr. S S Raghuvanshi briefed the program, and Pro Vice-Chancellor Dr. Sanjay Agrawal expressed his heartfelt views on the occasion. In recognition of their exceptional service, the war heroes were honored with mementos and shawls as tokens of gratitude.



The event was efficiently coordinated by Shubham Yadav, UTD NSS Program Officer, and Dr. Smita Rani, Assistant UTD NSS Program Officer. Their efforts contributed to the seamless execution of the commemorative program.

The event concluded with a vote of thanks delivered by Shubham Yadav, followed by a two-minute silence observed to pay homage to the brave martyrs and their families. The Kargil Vijay Diwas celebration at CSVTU left a lasting impression on all present, inspiring the community to cherish and uphold the sacrifices made by our soldiers in service of the nation.



## CULTURAL FEST

### ***University Teaching Department CSVTU Organizes a Spectacular Cultural Fest Celebrating Diversity and Unity***

On July 15, 2023, the first-year students of University Teaching Department CSVTU hosted a captivating cultural event, showcasing their diverse talents and fostering unity on the campus. The meticulously planned and flawlessly executed program was led by a dedicated group of students under the guidance of the Cultural Committee, demonstrated exceptional leadership, teamwork, and time management skills throughout the organization and management of the event.

The primary objective of the program was to shine a spotlight on the various cultures of the students and, to promote mutual respect for their unique backgrounds. The students' impeccable planning and execution of the event left attendees delighted and showcased their outstanding leadership abilities and spirit of cooperation.

A notable highlight of the program was the multilingual anchoring, as it was conducted in four languages - English, Hindi, Sanskrit, and Chhattisgarhi. Shreya, Abhijeet, Baibhav, and Purva served as anchors in their respective languages, symbolizing inclusivity for all colleagues at the institution.





The event commenced with a soul-stirring poem, followed by mesmerizing dances in Telugu and Bollywood styles that captivated the audience. Dr. P.K. Ghosh, the esteemed Director, graced the occasion as the chief guest and delivered an insightful speech, expressing profound appreciation for the representation of each culture and encouraging the students to continue celebrating their diversity.

The cultural extravaganza also featured captivating plays, songs, poetry, and stand-up comedy, which celebrated the rich cultural heritage of Chhattisgarh and garnered high praise from the enthusiastic audience.



This cultural festival marked a defining moment organized by the first-year students, who dedicated themselves to creating a memorable experience for everyone. As the event concluded, an overwhelming sense of happiness and gratitude emanated from students, teachers, and guests for the enlightening and enchanting evening they had experienced. The heartwarming display of friendship and support among the talented students left a lasting impression on all attendees. The program's resounding success entertained the audience and deepened their understanding and appreciation of various cultures, truly embodying the spirit of unity.





## RESEARCH PAPER

***Paper title: IoT based Motor Pump Control System***  
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The "Internet of Things", commonly known as "IoT", is the most trending and most demanding technology nowadays, which interconnects physical devices like switches, sensors, and other electronic gadgets in order to collect and transfer data over a wireless based virtual environment. IoT is able to control devices remotely via smart phones and websites via algorithms or codes. Perhaps it also uses modern technology like artificial intelligence in the area of controlling tools, instruments, and others. A naval approach for controlling farm motors may be a better option for reducing human interference and increasing operating power for a set period of time. This paper proposed a solution for time-bound work in various ways to be done in order to make the process fully automated with the help of the Blynk application. The motor placed on farm land can be operate not only by the Blynk application but also manually. In both cases, if manually started, it would either stop after a delay or stop by making OFF manually a part of that a Blynk application also capable for stopping the motor. This research is a prototype of all kinds of work to be done under a certain amount of time.

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**Abstract**

The "Internet of Things", commonly known as "IoT", is the most trending and most demanding technology nowadays, which interconnects physical devices like switches, sensors, and other electronic gadgets in order to collect and transfer data over a wireless based virtual environment. IoT is able to control devices remotely via smart phones and websites via algorithms or codes. Perhaps it also uses modern technology like artificial intelligence in the area of controlling tools, instruments, and others. A naval approach to controlling farm motors may be a better option for reducing human interference and increasing operating power for a set period of time. For example, to open or close the main building gate of an institute for a specific time, to operate a full-automated industrial machine for a specific time, or even to control internet and communication ports using IoT technology. This paper proposed a solution for time-bound work in various ways to be done in order to make the process fully automated with the help of the Blynk application. The motor placed on farmland can be operate not only by the Blynk application but also manually. In both cases, if manually started, it would either stop after a delay or stop by making OFF manually a part of that a Blynk application also capable of stopping the motor. This research is a prototype of all kinds of work to be done under a certain amount of time.

**Document Sections**

- I. Introduction
- II. Related Work
- III. Methodology
- IV. Working
- V. Result

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**I. Introduction**

Nowadays, the internet has become the most essential and dominant part of human life, which affects how humans interact in their diurnal lives. Due to user requirements, technology is upgraded with functionality and stability, hence introducing new Widgets subordinated to mortal use in day-to-day life. The ultimate goal of this discussion is to control, schedule, and cover the

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### ***Diploma Fire & Safety Students Gain Educational and Practical Exposure Through Bhilai Steel Plant Visit***

A group of enthusiastic Diploma Fire & Safety students from UTD, CSVTU embarked on a highly educational and practical visit to the prestigious Bhilai Steel Plant, a subsidiary of Steel Authority of India Limited (SAIL), on 27th July 2023. The visit was organized under the able guidance of Mr. Kundan Chandrakar, a respected lecturer at UTD CSVTU, Bhilai.



The tour commenced with an insightful exploration of the vast Bhilai Steel Plant, where students were taken on a comprehensive journey through the entire steel production process. Led by seasoned professionals with extensive knowledge of steelmaking, the participants witnessed firsthand the various stages of steel production from the raw materials yard to the final product stage. This experience provided the students with a deep understanding of the intricate workings of the steel industry.





Safety was paramount during the entire visit, and the participants were provided with appropriate safety gear and briefed on the safety protocols before engaging in any laboratory activity. A team of safety experts ensured a secure and comfortable environment for all visitors.

One of the highlights of the visit was the opportunity for the students to engage in hands-on laboratory experiments. Under the guidance of experienced staff and engineers, the participants conducted various experiments that shed light on the science behind steel production. From Lathe operations to Welding operations, Safety Measurement to hazardous Area identification, each experiment offered a unique perspective on the properties and characteristics of steel.

The visit to Bhilai Steel Plant proved to be a transformative experience for the Diploma Fire & Safety students, providing them with invaluable practical exposure and supplementing their theoretical knowledge. Mr. Kundan Chandrakar expressed his satisfaction with the students' keen interest and active participation throughout the visit, acknowledging the visit's significance in nurturing future professionals in the field of Fire & Safety.

The event concluded with heartfelt thanks extended to Bhilai Steel Plant and the faculty for their gracious hospitality and commitment to promoting education and practical exposure among students.





### ***Two-Day Workshop on 'Noting and Drafting in Office' Organized at CSVTU, Durg***

Durg, July 9 - In a bid to enhance the administrative skills of its staff and foster efficient office practices, a two-day workshop on 'Noting and Drafting in Office' was organized at the Chhattisgarh Swami Vivekanand Technical University (CSVTU) in Bhilai. The workshop, held under the joint aegis of the Skill Development and Non-Formal Education Centre (CSDIE) and CSVTU, aimed to equip participants with the necessary tools and techniques for effective noting and drafting in an office environment.

The workshop commenced with a warm welcome speech by Dr. P.K. Ghosh, Director of the University Education Department, who highlighted the significance of the workshop and shared his own experiences of facing difficulties in creating notesheet-related documents during his tenure. Following the welcome address, Pro Vice-Chancellor Dr. Sanjay Aggarwal emphasized the importance of meticulous file maintenance and government notesheet writing.

The keynote speaker of the workshop, DVS Shastri, a retired Deputy Registrar from IGNOU, brought valuable insights into file maintenance, file movement, and efficient bookkeeping. In a comprehensive session, Shastri elucidated various types of notesheets and their content, providing participants with a deeper understanding of their usage and significance in official communications.

The interactive nature of the workshop allowed participants to actively engage with the content. During the session, attendees enthusiastically raised queries and shared their office-related challenges, which were addressed by the knowledgeable faculty and speaker. To reinforce the learning experience, different types of exercises were given to the participants, enabling them to apply the knowledge gained and present effective notesheets.





Mr. Thaneshwar Sahu skillfully coordinated the program, ensuring a smooth flow of activities. Professor R.G. Brijesh efficiently conducted the proceedings of the workshop, making it a productive and enlightening event for all attendees.

Dr. P.K. Ghosh expressed his satisfaction with the active participation of the staff members and teachers, acknowledging the positive impact the workshop would have on enhancing administrative efficiency within the university.

The two-day workshop on 'Noting and Drafting in Office' proved to be a valuable initiative, providing participants with essential skills and techniques to streamline office processes and improve communication within the administrative framework. The collaborative effort of CSDIE and CSVTU in organizing this workshop further reflects the institution's commitment to fostering professional development and promoting best practices in the academic and administrative realms.



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