

EVENTS & HAPPENINGS

SDI-B Presence in Kamakhyanagar Kaushal Mahotsav



SDI Bhubaneswar got an exclusive inclusion in the MSDE Exhibition Pavilion at the Kaushal Mahotsav organized by NSDC at Sarangadhar Stadium, Kamakhyanagar stadium in Dhenkanal district on 6th November 2022. The Mahotsav was inaugurated by Hon'ble Union Minister for Education, Skill

Development and Entrepreneurship. The event saw an overwhelming response and witnessed thousands of registrations during the day. More than 70 dream companies across 20+ sectors brought innumerable apprenticeship and job opportunities for the youth of Odisha.



Children's Day Celebration, 14th November 2022



A monthly newsletter of SDI-B namely, 'SDI-B Pulse' was unveiled by CEO SDI-B on Children's Day with the objective to create awareness and connect among all SDI-Bians. The monthly newsletter would

cover important events and happenings at SDI-B along with informative news and articles pertaining to skilling and personal development. On this day, two separate Common

Room for Boys & Girls providing indoor game facilities like Table Tennis, Carrom, Chess and TV were inaugurated. A utility store to cater to the daily needs of residents of the campus and a gents salon was also inaugurated in the Recreation Block.



VISIT OF MSDE SECRETARY, GOVT. OF INDIA



Shri Atul Kumar Tiwari, Secretary MSDE, Govt. of India along with his counterparts from various states (AP, UP, Odisha, Bihar, Ladakh, Manipur etc.) visited SDI-B on 21st Nov' 2022. CEO, SDI-B briefed them about the objective and the activities of SDI-B via presentation. The team also visited the CoE labs and other academic facilities of the campus.

INTRANET PORTAL LAUNCHED

An Intranet portal of SDI-B was launched during the month that offers unified access to institute's information repository and applications to all authorized users. It is developed on top of MS SharePoint. The portal would feature 'Students of the Month' to foster healthy competition among students. Using

Intranet portal, students get updated status of class schedules besides access to 500+ e-books in various subjects through a digital Resource Center. All recent happenings of the campus plus photo gallery of event would also be available in the portal.

URL-<https://sdibhubaneswar.sharepoint.com/sites/sdib>

WORLD SKILLS COMPETITION 2022 UPDATE

Two students namely, Akhilesh Kumar and Kaliraj, who received boot camp training at SDI Bhubaneswar in Industrial Control and Electrical Installation trades,



participated in **World Skills Competition 2022**, held in Austria on 26th November. **World Skills Competition 2022** Special Edition is the official replacement for **World Skills Shanghai 2022**, cancelled in May due to the pandemic, which was held over 12 weeks in 15 countries and regions between 7th September and 26th November 2022.

KNOWLEDGE SHARING SESSION ON DELOITTE IMPACT DAY

Deloitte Impact Day is an initiative as part of their CSR program - **Deloitte World Class**, which aims to prepare youth for a world of opportunities. On this Annual Day, Deloitte professionals conducted various college campus sessions for knowledge sharing sessions / workshops with students / youth on life skills, communication, and critical thinking skills. This year SDI-B was also a part of Deloitte's annual initiative. Over 200 students, divided into 4 groups, participated in this virtual event. Sessions were conducted by 4 senior Deloitte professionals on The Goal Setting module which includes SMART goals framework and practical tips to set and track professional and personal goals. The session was quite interactive where students learnt about vision board creation, creating a daily habit tracker, setting a priority list and SMART goals.

PROPAGATING AWARENESS ABOUT SDI-B

It has been more than a year since SDI-B main campus at Taraboi became operational. Majority of the students who take admission are from Odisha state. In order to spread the footprint of SDI-B, our mobilization teams recently visited neighboring states namely West Bengal, Chhattisgarh, Jharkhand and Bihar to create awareness and propagate the idea of SDI-B for the benefit of unprivileged & unemployed youth in neighboring states. The team visited various ITIs, Polytechnics & Engineering colleges in these states.



Knowledge Post

Evolution of Industry 4.0

The term '**Industry 4.0**' is one that integrates advanced manufacturing techniques with the Internet of Things (IoT) to create manufacturing systems that are not only interconnected but communicates, analyses, and uses the information to drive further intelligent action back into the physical world. To understand how Industry 4.0 has become the buzzword, let us look into the history of the evolution of manufacturing and industrial sector in general:

Industry 1.0 : The first industrial revolution took place in Britain towards the end of 18th century that introduced machinery for manufacturing. The invention of steam engines embarked Industry 1.0 that involved switching from manual ways of production to the use of steam-powered engines and water as a source of power. One of the key beneficiaries of Industry 1.0 is the textile industry.



Industry 2.0 : In the early part of the 20th century, the world entered into second industrial revolution i.e., Industry 2.0 with the usage electricity in factories. The characteristic of this phase was introduction of '**mass production**' in manufacturing. The electrification of factories contributed significantly to reduce production costs. As a result, massive steel production paved way for introduction of railways as a mode of transportation.



Industry 3.0 : The Industrial Revolution 3.0 occurred at the end of the 20th century,

which involved automated production using electronics and computing. It was also the phase of '**digital revolution**' that led the transition from mechanical and analog to digital systems. The production of ZI (electrically driven mechanical calculator) was the beginning of more advanced digital developments. The third revolution is also known as the '**information age**'.



Industry 4.0 : Industrial 4.0 upshot right after the techno-industry bloomed in the last decade. At the core of Industry 4.0 are cyber-physical systems, the coming together of diverse technologies, and the intertwining of virtual and physical worlds. Comprehensive digitalization helps decrease production costs and become resource efficient and customer oriented. Industry 4.0 is powered by the Industrial Internet of Things (IIoT) and cyber-physical systems - smart, autonomous systems that use computer-based algorithms to monitor and control physical things like machinery, robots, and vehicles. Industry 4.0 makes everything in your supply chain '**smart**' - from smart manufacturing and factories to smart warehousing and logistics. Further, Industry 4.0 also inter-connects with back-end systems, like enterprise resource planning (ERP), to give companies an unprecedented level of visibility and control.



Effective Study Techniques

Based on booklet developed by Pauline Brook and Carol Hunter for student learning development at the University of Otago.

Everyone has a different way of learning and there's no one right way for everyone

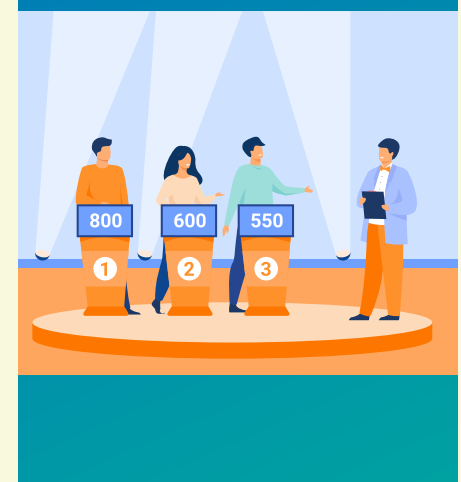
or for every paper you're studying. This Guide introduces a series of techniques to help you to foster deep learning which requires active engagement with the material, whereas surface learning is where you have only a superficial understanding of the information and have difficulty explaining and applying it to other concepts or contexts. By engaging in a deep approach not only will your learning be more effective but there's a greater likelihood that you'll enhance your learning experience and enjoyment.

To read the complete guide, kindly scan the QR Code.



Cyber Security Awareness Quiz

Appear in the quiz before 31st Dec & the top 3 winners will get an honorable mention in the next edition of SDI-B Pulse. To participate in the quiz, please scan this QR.



TESTIMONIALS

SDI-B is a place where you can find an amalgamation of learning. It was full of learning and grooming oneself. It gave me an opportunity to meet different kind of people and learned many things. I am thankful to all the faculties, mentors, and entire SDI as well as placement cell. Overall, it was a great experience and lifetime memory at SDI.

Santosh Kumar Mishra



I have done my ITI, then I joined BMS Operator course at SDI-B in Schneider Electric CoE. Here in this institute, I learned so many Technical & Non-Technical things which is useful for my personal & Professional life like, KNX Programming, Installation, Panel Designing, HVAC, reduce stage fear, communication etc. I would like to give a special thanks to all my trainers for showing me the right path for my future & SDI for providing us a disciplined & learning environment to me. Now it's a dream come true for me that I have placed as BMS Technician in a reputed organization named as Future Automation Solution Pvt. Ltd. Again, I am giving a heartfelt thanks to Skill Development Institute, Bhubaneswar & My all Trainers for shaping my career.

Rituraj Tarei



Keyboard Shortcuts

Keyboard shortcuts are keys or a combination of keys you can press on your keyboard to perform a variety of tasks. Using keyboard shortcuts is often

faster than using a mouse because you can keep both hands on the keyboard. Keyboard shortcuts are also universal, which means you can use many of the same shortcuts in a variety of

applications. For example, you can use the shortcuts to copy and paste text in a word processor and in a web browser. Using keyboard shortcuts also help in reducing computer mouse fatigue in hand.

Basic Windows Keyboard Shortcuts



Win+D = Show or hide the desktop

Win+Tab = Open the Task view

Ctrl+Shift+Esc = Open the Task Manager

Win+L = Lock your computer

Win+I = Open Settings

Win+X = Open the hidden menu

Ctrl+Esc = Open the Start menu

Win+PrtScn = Save a screenshot

Ctrl+Z = Undo

Ctrl+W = Close

Ctrl+A = Select all

Alt+Tab = Switch apps

Alt+F4 = Close apps

F2 = Rename



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