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**National Board of
Accreditation**

NEWSLETTER

Semester wise Publication of RIT_Diploma
Issue II : June 2021 - January 2022

Institute Vision

To be a recognized polytechnic institute committed to excellence in academics, knowledge creation and delivery to develop socially responsible professionals.

Institute Mission

- To impart technical knowledge and skills along with ethical and social values.
- To strengthen association with industry and alumni to make students technically and socially responsible citizens.
- To promote students for higher studies in reputed institutes.
- To ensure employability, encourage entrepreneurship and promote lifelong learning.

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NBA Accreditation

RIT Diploma is now **Accredited** by,



Automobile Engineering **03** Years

Civil Engineering **06** Years

Electrical Engineering **03** Years

Mechanical Engineering **03** Years

Newspaper Coverage



The image shows several newspaper clippings from the Marathi press. The main headline reads 'आरआयटी डिप्लोमा विभागातील गुणवंत विद्यार्थी, पालकांचा सत्कार' (Diploma Department of RIT, Merit Students, Parents' Appreciation). Other headlines include 'आरआयटी डिप्लोमाला राष्ट्रीय स्तरावर उत्कृष्ट पुरस्कार' (National Excellence Award for RIT Diploma) and 'आरआयटी डिप्लोमाला एन.बी.ए.चे नामांकन' (RIT Diploma Nominated for NBA). The clippings describe the institute's success in various national-level competitions and its recognition by the National Board of Accreditation (NBA).

Proud Moment



Quality Circle Team of Diploma Mechanical Team Elite secured Distinguished Award at National Convention at Coimbatore, Tamil Nadu Team :Prof. Akshay Kulkarni, Prof. Nilesh Gaikwad, Prof. Ansar Mulla, Prof. Swapnil Patil, Prof. Swapnil Gaikwad, Prof. Vinay Choudhari

Activities Organized



Two day workshop on Maintenance on two-wheeler Engine and sub-assemblies by Mr. Shital Adake (Pro. Jyotirling Services, Islampur) on 15th and 16th December, 2021.

It gives us immense pleasure to cordially invite you to join for

Virtual Inauguration

of An Online Three Days
Faculty Development Program
on

Motor Vehicle Rules and Regulations

Thursday, 24th June 2021 at 10.00 am.
Click here to join for the Inaugural function on MS Teams:
<https://bit.ly/3xwHPpI>



K. E. Society's
Rajarambapu Institute of Technology
Diploma

Department of Automobile Engineering

In Association with



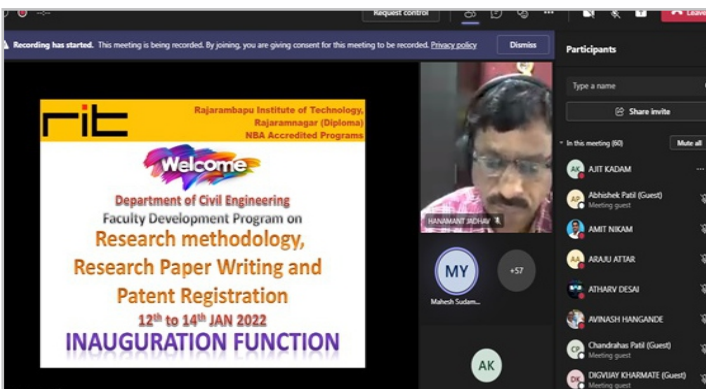
ISTE RIT Chapter
(MH - 0244)

Guest of Honor
Mr. Anil Pantoji
(IMV RTO, Pune)

Do join us at the inaugural function
We hope you will make your presence and we are seeking your kind arrival

Prof. R. V. Chavan FDP Coordinators Auto Engg. Diploma	Prof. R. S. Sargar Head - Auto Engg. Diploma	Dr. H. S. Jadhav Dean - Diploma RIT, Rajaramnagar	Dr. Mrs. S. S. Kulkarni Director RIT, Rajaramnagar
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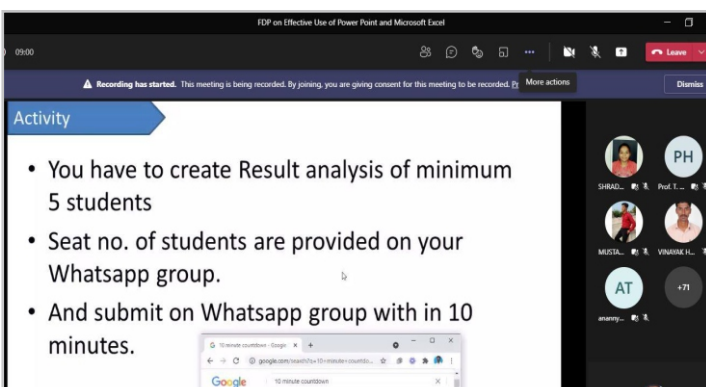
An Online Three Days Faculty Development Program on Motor Vehicle Rules and Regulations in association with ISTE RIT Chapter) on 24th June, 2021.



Department of Civil Engineering has Successfully Completed Three Days an Online FDP on "Research Methodology, Research Paper Writing and Patent Registration" in an association with ISTE RIT Chapter from 12th to 14th January, 2022.



Department of Civil Engineering organized Industrial Visit for Third Year civil Students to "RCC Components" under DSR Subject at RIT, Rajaramnagar on 12th December, 2021.



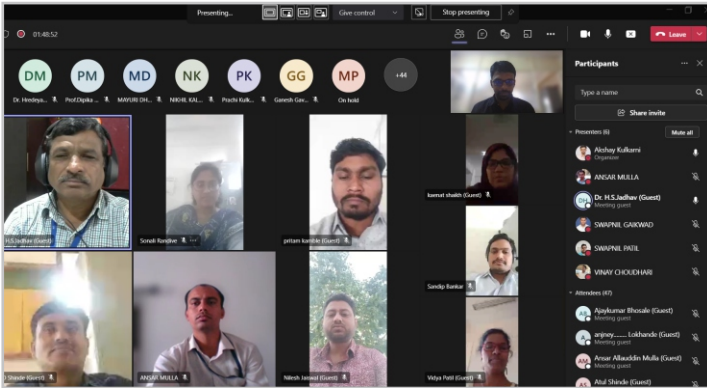
Department of Electrical Engineering Organized FDP on effective use of Microsoft PowerPoint and Excel from 25th to 27th October, 2021.



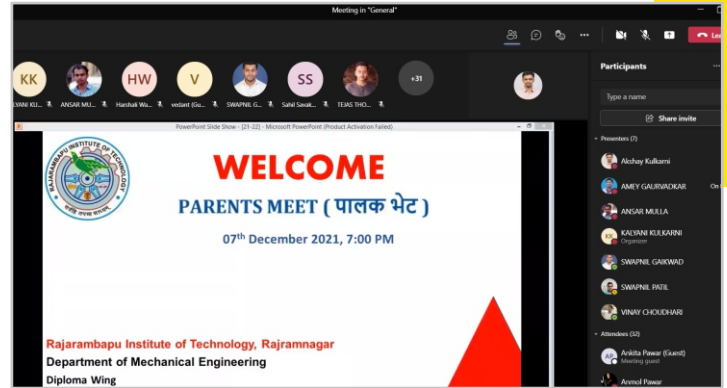
Department of Electrical Engineering has Organized Industrial visit at Rajarambapu Sugar Factory Co Generation Plant, Rajaramnagar on 07th December, 2021.

"Everything is theoretically impossible, until it is done."
- Robert A. Heinlein.

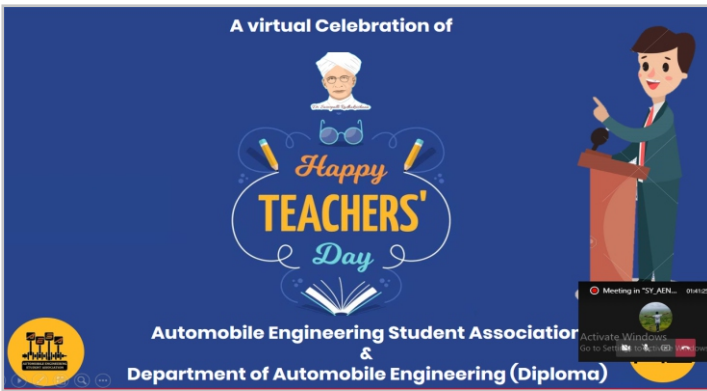
Activities Organized



Department of Mechanical Engineering organized Faculty Development Program on Noise, Vibration and Harshness from 15th – 17th December 2021 in association with MSBTE, Mumbai.



Department of Mechanical Engineering has organized Online Parent Meet on 07th December, 2021 for SY & TY Students and their Parents.



Virtual Teacher's Day Celebration on 07th September, 2021 organized by Department of Automobile Engineering.



Department of Electrical Engineering organized Expert Lecture on Energy Conservation on 26th November, 2021 for SY and TY Electrical Students.



Diploma Cultural Cell Organized Quiz Competition and Poster Design Competition on the occasion of Makar Sankranti for all Students. The Quiz was based on the theme of Maharashtra Culture on 14th January, 2022.

“Science knows no country, because knowledge belongs to humanity, and is the torch which illuminates the world.”
– Louis Pasteur



Mr. Meet Rwal
First Year Computer
A. Y. 2021-22

Article on History of the Computer

Introduction:

While today we use computers for both work and play, the computer was actually created for an entirely different purpose. In 1880, the population of the United States had grown so large that it took seven years to formulate the results of the U.S. Census.

So, the government looked for a faster way to get the job done, which is why punch-card computers were invented that took up an entire room.

While that's how the story starts, it's certainly not where it ends. Let's explore everything that happened leading up to that, in between, and after.

Revolution in Computers:

1945: Mathematician John von Neumann writes The First Draft of a Report on the EDVAC. This paper broke down the architecture of a stored-program computer.

1946: Mauchly and Eckert left the University of Pennsylvania and obtained funding from the Census Bureau to build the UNIVAC. This would become the first commercial computer for business and government use.

1950: Built in Washington, DC, the Standards Eastern Automatic Computer (SEAC) was created, becoming the first stored program computer completed in the United States. It was a test-bed for evaluating components and systems, in addition to setting computer standards.

1953: Computer scientist Grace Hopper develops the first computer language, which is eventually known as COBOL, that allowed a computer user to use English-like words instead of numbers to give the computer instructions. In 1997, a study showed that over 200 billion lines of COBOL code were still in existence.

1981: Not to be outdone by Apple, IBM releases their first personal computer, the Acorn, with an Intel chip, two floppy disks, and an available color monitor.

1982: Instead of going with its annual tradition of naming a "Man of the Year", Time Magazine does something a little different and names the computer its "Machine of the Year". A senior writer noted in the article, "Computers were once regarded as distant, ominous abstractions, like Big Brother. In 1982, they truly became personalized, brought down to scale, so that people could hold, prod and play with them."

1983: The CD-ROM hit the market, able to hold 550 megabytes of pre-recorded data. That same year, many computer companies worked to set a standard for these disks, making them able to be used freely to access a wide variety of information.

1984: Apple launches Macintosh, which was introduced during a Super Bowl XVIII commercial. The Macintosh was the first successful mouse-driven computer with a graphical user interface. It sold for \$2,500.

1985: Microsoft announces Windows, which allowed for multi-tasking with a graphical user interface. That same year, a small Massachusetts computer manufacturer registered the first dot com domain name, Symbolics.com.

1986: Originally called the Special Effects Computer Group, Pixar is created at Lucasfilm. It worked to create computer-animated portions of popular films, like Star Trek II: The Wrath of Khan. Steve Jobs purchased Pixar in 1986 for \$10 million, renaming it Pixar. It was bought by Disney in 2006.

1990: English programmer and physicist Tim Berners-Lee develops HyperText Markup Language, also known as HTML. He also prototyped the term WorldWideWeb. It features a server, HTML, URLs, and the first browser.

1991: Apple releases the Powerbook series of laptops, which included a built-in trackball, internal floppy disk, and palm rests. The line was discontinued in 2006.

1993: With an attempt to enter the handheld computer market, Apple releases Newton. Called the "Personal Data Assistant", it never performed the way Apple President John Scully had hoped, and it was discontinued in 1998.

1995: IBM released the ThinkPad 701C, which was officially known as the Track Write, with an expanding full-sized keyboard that was comprised of three interlocking pieces.

2007: Apple released the first iPhone, bringing many computer functions to the palm of our hands. It featured a combination of a web browser, a music player, and a cell phone -- all in one. Users could also download additional functionality in the form of "apps".

2008: Apple releases the MacBook Air, the first ultra notebook that was a thin and lightweight laptop with a high-capacity battery.

2009: Microsoft launched Windows 7.

2010: Apple released the iPad, officially breaking into the dormant tablet computer category. This new gadget came with many features the iPhone had, plus a 9-inch screen and minus the phone.

Computers from 2011 - present day

2011: Google releases the Chromebook, a laptop that runs on Google Chrome OS.

2012: On October 4, Facebook hits 1 billion users, as well as acquires the image-sharing social networking application Instagram.

2014: The University of Michigan Micro Mote (M3), the smallest computer in the world, is created. Three types were made available, two of which measured either temperature or pressure, and one that could take images.

2015: Apple releases the Apple Watch, which incorporated Apple's iOS operating system and sensors for environmental and health monitoring. Almost a million units were sold on the day of its release.

This release was followed closely by Microsoft announcing Windows 10.

2016: The first reprogrammable quantum computer is created.

2019: Apple announces iPadOS, the iPad's very own operating system, to better support the device as it becomes more like a computer and less like a mobile device.

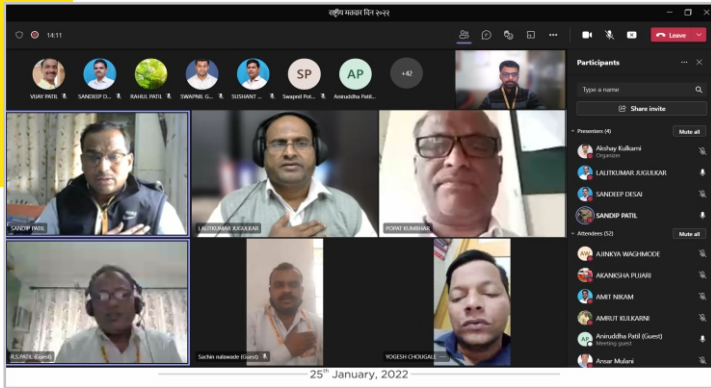
What's next?

I don't have the answer to what awaits us in regards to computers. One thing is for sure -- in order to keep up with the world of tech, the growing need for cyber security, and our constant need for the next big thing, computers aren't going anywhere.

If anything, they're only going to become a bigger part of our daily lives.

Still curious about all things computers? Expand your knowledge even further with this roundup of cyber security terms! Or, go in a related direction and read all about the history of artificial intelligence.

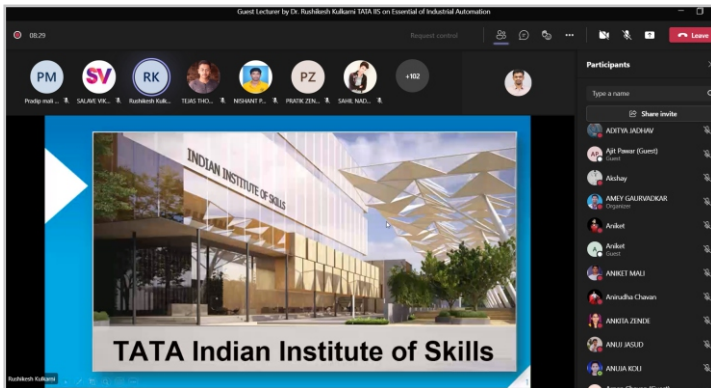
Activities Organized



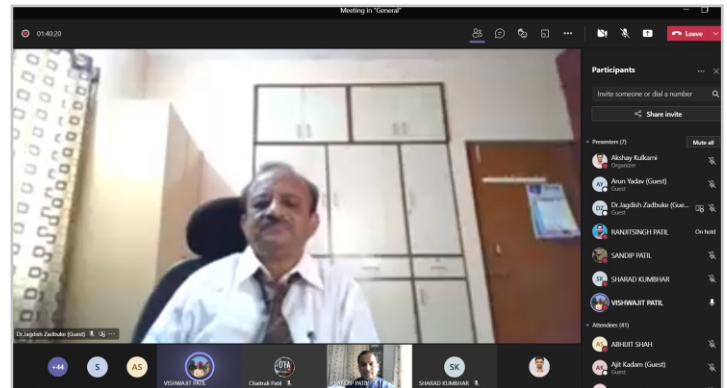
Online National Voters Day program was organized on 25th January, 2022. Oath was taken on this online program for creating awareness for Voting.



Celebrated National Youth Day on Virtual Platform on 12th January, 2022 - Swami Vivekanand Birth Anniversary. Expert Lecture on Topic Vivekanand and Today's Youth by Shri. Udayraj Patil was organized on same day.



An Introductory Session of Dr. Rushikesh Kulkarni, TATA Indian Institute of Skills was organized by Training and Placement Department regarding 03 weeks program on Essentials of Industrial Automation for TY Students.



National Sports Day was celebrated through Online Mode on the occasion of Major Dhyan Chand's birth Anniversary on 29th August, 2021.



Vaccination Camp was organized by Rajarambapu Institute of Technology, Rajaramnagr under *Mission Yuva Swasthya* on 30th November, 2021 in association with Sub Divisional Hospital (SDH), Islampur. This activity was organized by Diploma and National Service Scheme (NSS), RIT.

“We cannot solve problems with the same thinking we used to create them.”
- Albert Einstein