



MIND'SPARK

News Letter

Department of Mechanical Engineering

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Satya Narayana Nadella (19 August 1967)

He is an Indian-American business executive. He is the executive chairman and CEO of Microsoft, succeeding Steve Ballmer in 2014 as CEO and John W. Thompson in 2021 as chairman. Before becoming CEO, he was the executive vice president of Microsoft's cloud and enterprise group, responsible for building and running the company's computing platforms.

At Microsoft, Nadella has led major projects that included the company's move to cloud computing and the development of one of the largest cloud infrastructures in the world.

Nadella worked as the senior vice-president of research and development (R&D) for the Online Services Division and vice-president of the Microsoft Business Division. Later, he was made the president of Microsoft's \$19 billion Server and Tools Business and led a transformation of the company's business and technology culture from client services to cloud infrastructure and services. He has been credited for helping bring Microsoft's database, Windows Server and developer tools to its Azure cloud. The revenue from Cloud Services grew to \$20.3 billion in June 2013 from \$16.6 billion when he took over in 2011. He received \$84.5 million in 2016 pay.

In 2013, Nadella's base salary was reportedly \$669,167. Including stock bonuses, the total compensation stood around \$7.6 million.

On 4 February 2014, Nadella was announced as the new CEO of Microsoft, the third CEO in the company's history, following Bill Gates and Steve Ballmer.

In October 2014, Nadella attended an event on Women in Computing and courted controversy after he made a statement that women should not ask for a raise and should trust the system.[32] Nadella was criticised for the statement and he later apologised on Twitter. He then sent an email to Microsoft employees admitting he was "Completely wrong."

Nadella leads a live discussion on Microsoft's cloud strategy in 2014 in San Francisco.

Nadella's tenure at Microsoft has emphasized working with companies and technologies with which Microsoft also competes, including Apple Inc.,[35] Salesforce,[36] IBM,[37] and Dropbox.[38] In contrast to previous Microsoft campaigns against the Linux operating system, Nadella proclaimed that "Microsoft & Linux", and Microsoft joined the Linux Foundation as a Platinum member in 2016.

Under Nadella, Microsoft revised its mission statement to "empower every person and every organisation on the planet to achieve more".[41] He orchestrated a cultural shift at Microsoft by emphasising empathy, collaboration, and 'growth mindset'.[42][43] He has transformed Microsoft's corporate culture into one that emphasises continual learning and growth.

In 2014, Nadella's first acquisition with Microsoft was of Mojang, a Swedish game company best known for the computer game Minecraft, for \$2.5 billion. He followed that by purchasing Xamarin for an undisclosed amount. He oversaw the purchase of professional network LinkedIn[46] in 2016 for \$26.2 billion. On October 26, 2018, Microsoft acquired GitHub for US\$7.5 billion.[48]

Since Nadella became CEO, Microsoft stock had tripled by September 2018, with a 27% annual growth rate.

SOLIDEDGE ASSOCIATE - TRAINING & CERTIFICATION PROGRAM

A training & certification program on Solidedge got concluded on 28-Jun-2022. As a part of the program, the students went to rigorous training in the use of Solidedge CAD software from Siemens. All the students were given access to pre-recorded video tutorials & practice models created by Doug Stainbrook, Solid Edge Academic Technical Manager, Mainstream Engineering, Siemens Digital Industries Software, 360E Quality Circle NW, Huntsville, AL 35806 United States. Mr. Srikanth Rangdal from the Dept. of Mech. Engg. coordinated the entire program by systematically incorporating youtube and moodle courses to make the videos & practice material available to the students.

Fifteen students from our college participated in the training program. That lasted for a total of 20 days. At the end of the training, students attempted the online exam for Design Associate offered by Siemens, Germany.

INDUSTRIAL VISIT - RCI

The visit was scheduled on 13th May 2022 for 50 students of Mechanical Engineering III year along with 3 Faculty members. Students assembled at the college campus at 8:30 AM and boarded the bus at 8:40 AM starting towards RCI, Hyderabad. The Students along with the accompanying faculty members reached RCI campus at 9:45 AM and security checks and visitor lists were verified by the security personnel.

The visitors were boarded on a RCI bus and escorted towards the auditorium at RCI. A presentation on vibrations and methods to control vibrations was given. Students were also shown a few testing machines for vibration testing such as a Climatic shaker of 4 and 7 ton capacity, simple shaker, etc. A demo of these vibrations testing machines was also given. The Students were provided with some snacks and refreshments by the host after which the visit continued.

After the demonstration of machines the students were given a brief presentation about the activities and contributions of RCI as an organisation and its parent organisations, DRDO and DMRL. The visit continued with the students being escorted to the prototype display exhibition hall where they were shown a few prototypes of the missiles used by the Indian defence.

The students were then given presentations and demonstrations for Navigation systems, communication equipment, and other on board systems required for launching and operation of a missile. Missiles such as AGNI, BRAHMOS, AKAASH, PRITHVI, TRISHUL were also presented and their specific classification was also explained.

The faculty members thanked the hosts on behalf of all the visitors and the visit concluded around 2:00 PM and the students reached back to the college campus around 3:15 PM.



On 8/7/2020, a seminar was organised on the topic of "Friction Based Solid State Additive Manufacturing Techniques". About One hundred and fifty students attended.

On 20/02/2021, a seminar was organised on the topic - "Innovation and Entrepreneurial Opportunities in the Automobile Sector". A hundred students attended the seminar.

Department of Mechanical Engineering

VISION

To be a reputed centre of excellence in the field of Mechanical Engineering by synergizing innovative technologies & research for the progress of society.

MISSION

M1: To impart quality education by means of state-of-the-art infrastructure.

M2: To involve in training & activities on leadership qualities & social responsibilities.

M3: To inculcate the habit of lifelong learning, practice professional ethics & serve the society.

M4: To establish industry- institute interaction for stakeholder development