



MIND'SPARK

News Letter

Department of Mechanical Engineering

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N. R. Narayana Murthy

(born 21 August 1946) is an Indian billionaire businessman. He is the founder of Infosys, and has been the chairman, chief executive officer (CEO), president, and chief mentor[6] of the company before retiring and taking the title chairman emeritus. As of October 2022, his net worth was estimated to be \$4.5 billion, making him the 654th richest person in the world in 2022 according to Forbes.

Murthy was born and raised in Shidlaghatta, Karnataka. He graduated from the National Institute of Engineering, University of Mysore with a bachelor's degree in electrical engineering and a master's degree from the Indian Institute of Technology Kanpur.

Before starting Infosys, Murthy worked at the Indian Institute of Management Ahmedabad as chief systems programmer, and Patni Computer Systems in Pune, Maharashtra. He started Infosys in 1981 and was the CEO from 1981 to 2002, as well as the chairman from 2002 to 2011. In 2011, he stepped down from the board and became the chairman emeritus. In June 2013, Murthy was appointed as the executive chairman for a period of five years.

Murthy has been listed among the 12 greatest entrepreneurs of our time by Fortune magazine. He has been described as the "father of the Indian IT sector" by Time magazine and CNBC for his contribution to outsourcing in India. In 2005, he co-chaired the World Economic Forum in Davos, Switzerland. Murthy has been honoured with the Padma Vibhushan and Padma Shri awards.

In August 2011, he retired from the company, taking the title chairman emeritus.

Murthy is an independent director on the corporate board of HSBC and has been a director on the boards of DBS Bank, Unilever, ICICI and NDTV. He is also a member of the advisory boards and councils of several educational and philanthropic institutions, including Cornell University, INSEAD, ESSEC, Ford Foundation, the UN Foundation, the Indo-British Partnership, Asian Institute of Management, a trustee of the Infosys Prize, a trustee of the Institute for Advanced Study in Princeton, and as a trustee of the Rhodes Trust. He is also the Chairman of the Governing board of Public Health Foundation of India. He is on the Asia Pacific advisory board of British Telecommunications.

Bulletins

- On 10/08/2022, the department arranged an interaction with Dr. Srujan Raju. Discussion included topics of Research & Development, Application process for receiving funds for project activities and optimum utilisation of publications for academic excellence.
- On 15/08/2022, the independence day was celebrated by hoisting of the national flag. After the ceremony, the staff took part in a procession around Abids.
- On 16/08/2022, raksha bandhan was celebrated in the seminar hall of the college. Followers of brahma kumaris tied rakhis and offered sweets to the staff members.
- On 18/08/2022, our director Dr. M Laxmipati Rao conducted a seminar for the faculty members of all the branches. He gave a presentation on the importance of OBE - Outcome Based Education in shaping the minds of students and making them ready for the challenges of the future. He also explained the different methods in which the activities conducted as per OBE can be reflected in the criteria of NAAC & NBA.
- In August 2022 Dr. Md. Fakhruddin H. N. participated in IIC Regional Meet, MoE's Innovation Cell, Institutions' Innovation Council, held at Sreenidhi
- On 22/08/2022 & 23/08/2022, a NAAC sponsored national level online seminar titled "Strategic Planning & Implementation of OBE in NEP-2020 was organised by Internal Quality Assurance Cell (IQAC) in collaboration with NAAC.
- On 25/08/2022, Dr. H. N. Fakhruddin & Mr. Srikanth Rangdal attended the Ansys Academic Innovation Conference 2022 held at Taj Vivanta, Begumpet, Hyderabad. It was conducted by Ansys & ARK Infosolutions Pvt. Ltd. Professors from prominent institutes and industrial professionals took part in the conference where the developments carried out by Ansys in the field of analysis & simulation were demonstrated.
- A project on "Leaf Plate/Paper Plate Making Machine" received a sanction of Rs. 15000/- for a duration of 6 months under the guidance of Mr. Venkataratnam Akumarthi. Methodist Educational Society was the funding agency for this project and it falls under the non-government category.

Graduation Day Celebration

On 24th June 2022 Graduation Day was celebrated at Shilpakala Vedika, Shilparamam, Hitech City Road, Jubilee Enclave. Students from all the branches who graduated in the year 2020 and 2021 were awarded their degrees followed by cultural activities that included demonstration of crafts, singing and dance performances.



Prof. V Venkata Ramana, Vice Chairman, TSCHE and Prof. B Srinagesh, Controller of Examinations, Osmania University presided over the function as Chief Guest and Guest of Honour respectively.



Alumni Meet

On 24th June 2022 alumni meet was organised at Shilpakala Vedika, Shilparamam, Hitech City Road, Jubilee Enclave. Ex-students working in various fields gathered to share their experiences.



Internship

Rega Jayendra bearing roll number 160720736031 from V Sem Mechanical completed an internship on Drone Technology from NSIC.

PATENT PUBLICATIONS

Dr. P Ravi Chander, Assoc. Professor, Dr. H. N. Mohd. Fakhruddin, Assoc. Professor, Mr. Y Madhu Maheshwar Reddy, Asst. Professor, Mrs. I Sowjanya, Asst. Professor published a patent for the invention titled "COMPUTER TECHNOLOGY BASED AUTOMOBILE DETECTION DEVICE AND METHOD THEREOF", with application number 202241036113A on 22nd July 2022.

Dr. A Rajasekhar, Professor, Dr. P Prabhuraj, Assoc. Professor published a patent for the invention titled "A TOOL FOR FRICTION STIR WELDING AND METHOD THEREOF", with application number 202241036738A on 22nd July 2022.

General Article - Future of Engineering with Artificial Intelligence (AI)

As we move towards a future that is increasingly reliant on technology, it's becoming more and more clear that the field of engineering will play a crucial role in shaping the world around us. And with the rapid development of artificial intelligence (AI), it's clear that the future of engineering will be closely intertwined with the development and integration of AI systems.

AI is already being used in a wide range of engineering applications, from design optimization and predictive maintenance to quality control and process automation. In the future, we can expect AI to become even more integrated with the engineering field, transforming the way we design, build, and maintain the world around us.

One area where AI is already having a significant impact is in the design process. By using AI algorithms to generate and optimise designs, engineers can create more efficient and effective products in less time. This not only reduces the cost of production but also leads to more sustainable and environmentally friendly solutions.

Another area where AI is having an impact is in predictive maintenance. By analysing sensor data from equipment, AI algorithms can predict when maintenance is required, reducing downtime and improving overall efficiency. This can have a significant impact on industries such as manufacturing and transportation.

Overall, the future of engineering with AI is bright, and there is a lot of potential for new innovations and breakthroughs in the field. By embracing these new technologies and staying on the cutting edge of engineering research and development, we can help build a better future for ourselves and future generations.

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 be involved in training & activities on leadership qualities & social responsibilities.
- M3:** To inculcate the habit of lifelong learning, practise professional ethics & serve the society.
- M4:** To establish industry- institute interaction for stakeholder development