

SONA COLLEGE OF TECHNOLOGY: UNVEILING POTENTIAL, EMBRACING INNOVATION & RESEARCH AND FOSTERING LEADERSHIP!

As a bustling hub of knowledge and innovation, Sona College of Technology caters to a vibrant community of over 12000 students.



THYAGU VALLIAPPA, Vice-Chairman, Sona Group of Institutions

Spanning across a comprehensive spectrum of engineering education, including 12 Undergraduate, 12 Postgraduate, MCA, MBA and Ph.D. programmes, the college reflects evolving academic landscape. Recognising the shift towards Artificial Intelligence and Data Science, Sona College now proudly offers BE programs in AI & ML and Data Science, bridging the gap between academia and industry demands.

At the core of Sona's mission lies an unwavering commitment to outcome-based learning that breeds innovation and value creation. As part of this, we rigorously implement experiential learning encompassing 360-degree learning approach that empowers students to navigate uncharted territories and craft creative solutions to practical industry problems independently. "Mind-set-Engineering" - our ground-breaking initiative augments this approach, blending Yoga and physical activities to instill self-belief and achieve overall outcomes. Anchored in the philosophy of "Tomorrow's Technology Today", the college's 3T technology platform ensures students are perpetually equipped with the latest digital advancements.

PIONEERING RESEARCH AND DEVELOPMENT: OCEAN DEPTHS TO HEIGHTS IN SPACE

Sona College of Technology takes immense pride in its 36 advanced research centres that promote industry focused innovation inaugurated by Dr. A.P.J Abdul Kalam in 2009. Appreciated by the late president as a centre poised for great accomplishments, one of these advanced centres, "Sona Speed" develops flight models of brushless DC motors for the Indian Space Research Organisation (ISRO) and Vikram Sarabai Space Centre (VSSC). These motors, which also find applications in deep-sea submersibles, have played a pivotal role in space, exploration and oceanic research. Notable, Sona Speed's Simplex Stepper Motors have contributed to the successful launches of Chandrayaan Missions including the latest Chandrayaan 3 Moon Mission, thus bringing into reality Dr. Kalam's predictions.

INDUSTRY RELEVANCE AND STEERING INTO THE FUTURE

Sona College's Commitment to experiential learning finds further expression in Sona Star Innovation, a consulting and training arm. It offers students the space to solve real-industry problems nurturing

confidence of the upcoming generation of engineers. To date more than 200 students have completed projects offered by Sona Star Innovations. The college's global perspective serves as a magnet, attracting talents from all corners of the country. Notably, over 250 students who learnt Japanese language at our college have secured prestigious positions in Japan clinching an impressive salary of Rs 37 lakh.

Sona College of Technology has pioneered a comprehensive approach to learning encapsulated in the Management and Technology (MAT) format. This innovative paradigm equips students with a holistic skill set marrying technological prowess with managerial acumen. The amalgamation empowers students to effectively solve intricate practical challenges.

FORGING PARTNERSHIPS FOR EXCELLENCE

Understanding the changing nature of the global landscape, Sona College constantly evolves its strategies to ensure its graduates remain in the forefront. Collaborating with industry giants like TANCAM, the college has ventured into training engineering students in areas like 3D printing, Digital Twin and PLM. Furthermore, courses certified from Solid Works and Sona ensure that students are well versed in industry standard tools.

The Collaboration with TIDCO for training in the 3DX 3D Experience Lab is driving innovation in the production of Electric Vehicles and other automotive technologies. The holistic approach, fuelled by partnerships with stalwarts like Mahindra, CISCO and IMB, endows students with cutting-edge design technology competencies. Students get a bundled skill sets in mechanical, design and foreign language making them truly a global talent attracting global employment.

SHAPING A VISIONARY FUTURE

In an era of unprecedented challenges and opportunities with the Indian manufacturing sector preparing to embrace global opportunities and the Defence Corridor Project being set up in Salem region, Sona 's role in nurturing talent and incubating design and manufacturing ecosystems takes centre stage.

"As the world today is becoming unpredictable where machines are learning faster & are using intelligence which are Artificial, we, at Sona, are more realistic & adaptive to change. Our connect with Industry & leading business chambers makes us to transform the student into industry ready engineers & managers who are truly world class", says Vice-chairman, Mr. Thyagu Valliappa. A 4th generation entrepreneur, the CEO of Sona Star innovation, a Tech based Consulting solution company focusing on Technological solution, to take and make a Sona student a true Super Star! ■