



**RAMAIAH
UNIVERSITY
OF APPLIED SCIENCES**

SASTech

TECHNICAL JOURNAL OF RUAS

**Ramaiah University of
Applied Sciences**

About SASTech Journal

SASTech is a comprehensive multidisciplinary technical journal with its inception in 2002. It is a double-blind peer-reviewed half-yearly journal published by **Ramaiah University of Applied Sciences, Bengaluru**. The research themes of the journal encompass Engineering, Mathematical and Physical Sciences, and Industrial Design focusing on applied research and product innovation. The Editorial Board of SASTech comprises academicians, researchers and industry professionals from India and abroad. SASTech is an open access journal and publication of accepted papers does not involve any processing or publication fees

Aim & Scope

The aim of the journal is to provide a platform for students, research scholars, academicians and researchers to publish their innovative research ideas as well as original research findings. The SASTech journal encourages analytical formulations/solutions, simulation, experimental investigations and validation in the areas of Engineering, Mathematical and Physical Sciences, and Industrial Design. SASTech journal encourages publication of research findings from allied fields of Engineering and Science emanating multi-disciplinary research. SASTech journal is committed to fair, fast and transparent review process.

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EDITORIAL

Prof. Govind R. Kadambi
Editor-in-Chief, SASTech Journal

Statesmen's Perception, Perspective and Promise on Research in HEIs

University is a seat of higher learning. For researchers, University should be a Figure of Assurance and Place of solace or comfort to ward off internal turbulence, conflicts, contradictions and confusions. University is a platform to build, mould and shape researchers' future career. Swamy Vivekananda said "A nation is advanced in proportion to education and intelligence spread among the masses". Swamy Vivekananda has also stated "We want that education by which character is formed, strength of mind is increased, the intellect is expanded, and by which one can stand on one's own feet". Education is perceived as a formal way of learning. Education is the progressive expression of one's ignorance. As the nation is celebrating the year of 150th Birth Anniversary of Mahatma Gandhi, it is befitting to remember him as a great proponent of Education of wholistic nature. According to his quote "The real difficulty is that people have no idea of what education truly is. We assess the value of education in the same manner as we assess the value of land or of shares in the stock-exchange market. We want to provide only such education as would enable the student to earn more. We hardly give any thought to the improvement of the character of the educated".

With the progression in higher education, there is gradual transition in students becoming researcher from being a mere follower to solver to formulator. Knowledge is perceived to be an embodiment of scientific endeavour, technological advancement, research, innovation, intellectual power and managerial prowess. Source of Knowledge is learning. According to Dr. Abdul Kalam, "Learning gives Creativity: Creativity leads to Thinking; Thinking provides Knowledge: Knowledge makes you great". In the contemporary scenario of knowledge era, Knowledge is power. According to Swamy Vivekananda, "Perfection does not come from belief or faith. Talk does not count for anything. Parrots can do that. Perfection comes through selfless work". According to Dr. S. Radha Krishnan "A life of joy and happiness is possible only on the basis of knowledge and Science". University's endeavor should be aimed to achieve this prepared mind through teaching, research, inspiration, mentoring and leading by example and through demonstration of power of resolve and unwavering desire. The Editor-in-Chief gratefully acknowledges the support and services offered by the authors, reviewers, and members of Editorial Board and colleagues of the Research Division in the publication of the current issue of SASTech Journal.

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