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Research Digest

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Chief Editor:
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Dr. V.K. Muneer
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Research Digest

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Preface

It is with great pleasure that we present the 2024 Research Digest, an annual testament to the research endeavors and academic excellence of the faculty of Sullamussalam Science College. This publication encapsulates the intellectual contributions of our scholars, showcasing a rich tapestry of research articles published in Scopus and UGC CARE-indexed journals. Notably, this year's compilation highlights an exceptional milestone—out of 22 publications, three belong to the prestigious Q1 quartile, underscoring the global recognition of our faculty's scholarly output.

The diverse research showcased in this edition reflects the institution's unwavering commitment to fostering a culture of inquiry and innovation. Significant contributions published by renowned platforms such as Springer, Elsevier, and IEEE further underscore the quality and relevance of the work produced. These accomplishments speak volumes about the caliber of our faculty and their dedication to addressing pressing global challenges through rigorous and impactful research.

The 2024 Research Digest not only celebrates individual achievements but also reflects the collaborative ethos that defines Sullamussalam Science College. By sharing these scholarly works, we aim to inspire our academic community, especially our students, to embark on their own journeys of discovery and innovation. This publication serves as a bridge, connecting our institution's research pursuits with the broader academic and scientific communities, fostering meaningful dialogues and partnerships.

We extend our deepest gratitude to the contributors for their exemplary work and to the college management for their unwavering support in nurturing an ecosystem conducive to research excellence. As you delve into this digest, we hope you are inspired by the depth of knowledge, creativity, and passion that define the research at Sullamussalam Science College. Together, let us continue to advance knowledge and innovation for the betterment of society.

Sincerely,

Editors