

Proceedings of the
Multi-disciplinary Seminar Series

AGORA 2022
National Seminar Series



Sree Narayana College, Kollam
Affiliated to University of Kerala
NAAC 'A' Grade, ARIIA All India Rank II

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Editors

Dr. P. Nikhil Chandra (Assistant Professor, Chemistry)

Dr. S. Jisha (Associate Professor, Zoology)

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Prof. Dr. Nisha J. Tharayil (Principal, S. N. College, Kollam)

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Chief Editor's Message

The 'AGORA National Seminar Series' is an annual event showcasing the social, scientific and technological activities of research and academic communities of all types of organizations and institutes across the country. The major purpose of this seminar series is to spread the knowledge in various subjects across different departments of the college so as to enrich the inter-disciplinary culture in the entire campus. AGORA series is being conducted by coordinating different departments of S. N. College, Kollam to disseminate knowledge to the entire academic community. AGORA 2022 has succeeded in bringing many luminaries in science and arts subjects with its research together with main focus within the college to deliberate and debate on the recent advances in various subjects. The proceedings of AGORA 2022 being published now will certainly go a long way to enlighten researches and teachers in their pursuit of knowledge. Let the outcome of these deliberations engender commendable results and kindle genuine spirit of enquiry and research.

Prof. Dr. Nisha J. Tharayil

(Principal, S. N. College, Kollam)

Editor's Message

It is our great pleasure to welcome you to this issue of the Proceedings of the Multi-disciplinary Seminar Series of Sree Narayana College, Kollam - AGORA 2022 which showcases the social, scientific and technological activities of research and academic communities of all types of organizations and institutes across the country. AGORA 2022 mainly focuses on the contributions from the research community in a multi-disciplinary and interdisciplinary aspect. The seminar brought together students, researchers and educators of varied domains to share their ideas, views and also to explore their technical abilities.

This issue contains papers accepted over single iterations of the review process. We would like to express my gratitude to the Chief Editor and other expert members for their sustained support to make the launch of this 'Proceedings' possible. We also acknowledge the authors themselves, without whose expert input there would have been no AGORA seminar series. Their efforts made a great contribution to its success.

Dr. P. Nikhil Chandra

(Assistant Professor, Chemistry)

Dr. S. Jisha

(Associate Professor, Zoology)

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ACADEMIC MANAGEMENT SYSTEM

Lekshmi Surya S. L.

Department of Physics with Computer Application,

Sree Narayana College Kollam, Kerala

Email id:-lekshmisnc2020@gmail.com ORCID:0000-0003-1911-8853

Abstract:-

An academic management system is a software application that is specifically designed to assist with the organization and administration of educational institutions. This type of system can be used by schools, colleges, universities, and other educational organizations to manage a wide range of tasks and processes related to the operation of the institution. Some of the key features of an academic management system include student enrollment, class scheduling, grading, report generation, and communication tools for students and faculty. By providing a centralized platform for managing these and other tasks, an academic management system can greatly improve efficiency and productivity for educational institutions.

INTRODUCTION

Academic Institutions are moving toward IT in a faster manner. The academic management system is a comprehensive tool designed to streamline and optimize various processes and tasks related to the management of educational institutions. From scheduling and enrollment to grading and report generation, this system aims to provide a single, unified platform for all academic management needs. It is user-friendly and intuitive, making it easy for administrators, teachers, and students to access and utilize its various features. The system also includes robust security measures to protect sensitive information and data. Overall, the academic management system is a valuable resource for any educational institution looking to improve efficiency and productivity.

Better care is exercised to make sure that all the conventional modules in an academic environment like Admin, HOD, Faculty, Student etc. are also made available in this project.

The main advantage of this information system is that the students get academic updates on a regular manner. Consolidated reports are made possible in the tip of the finger.

Students will get academic schedules in a faster way. The prediction module is an extension of AI where historic data (Previous student's data) is fed to the system for forecasting. For this purpose Google's Deep Learning framework called „Google Colab“ is utilized.

Academic alerts are always mandatory for students for timely submission of documents like online test, online assignment etc. These kinds of alerts are set by the faculty in their concerned modules. Publishing of results will get greater pace as the report module provide them in a nice presentation manner.