

ENQUEUE

DEPARTMENT OF CSE

Issue 01

Volume 8

MESSAGE FROM THE HEAD OF THE DEPARTMENT



-Dr Ramakanth Kumar P

I am thrilled to present this edition of our departmental newsletter, showcasing the remarkable achievements and efforts of our students and faculty during the ongoing pandemic's hybrid academic mode. Despite the challenges, our dedicated faculty and students have excelled not only in meeting academic responsibilities but also in various other areas beyond the academic realm. Although compiling data for the newsletter every six months requires substantial effort, the positive responses from our colleagues, alumni, and students make it a worthwhile endeavor. This edition reflects the increased efforts of our faculty and students in adapting to the hybrid work mode, overcoming barriers to online engagement, and achieving significant milestones. As we take stock of our progress towards excellence in diverse domains of Computer Science and Engineering in the online mode, we remain committed to research, consultancy, education, and community service. Our continuous collaboration with industry leaders further enhances our research and development capabilities, solidifying our position in the academic landscape.

VISION

- To achieve leadership in the field of Computer Science & Engineering by strengthening fundamentals and facilitating interdisciplinary sustainable research to meet the ever growing needs of the society.

MISSION

- To evolve continually as a centre of excellence in quality education in computers and allied fields.
- To develop state-of-the-art infrastructure and create environment capable for interdisciplinary research and skill enhancement.
- To collaborate with industries and institutions at national and international levels to enhance research in emerging areas.
- To develop professionals having social concern to become leaders in top-notch industries and/or become entrepreneurs with good ethics.

Program Educational Objectives (PEOs)

- **PEO1:** Develop Graduates capable of applying the principles of mathematics, science, core engineering and Computer Science to solve real-world problems in interdisciplinary domains.
- **PEO2:** To develop the ability among graduates to analyse and understand current pedagogical techniques, industry accepted computing practices and state-of-art technology.
- **PEO3:** To develop graduates who will exhibit cultural awareness, teamwork with professional ethics, effective communication skills and appropriately apply knowledge of societal impacts of computing technology.
- **PEO4:**To prepare graduates with a capability to successfully get employed in the right role / become entrepreneurs to achieve higher career goals or take-up higher education in pursuit of lifelong learning.

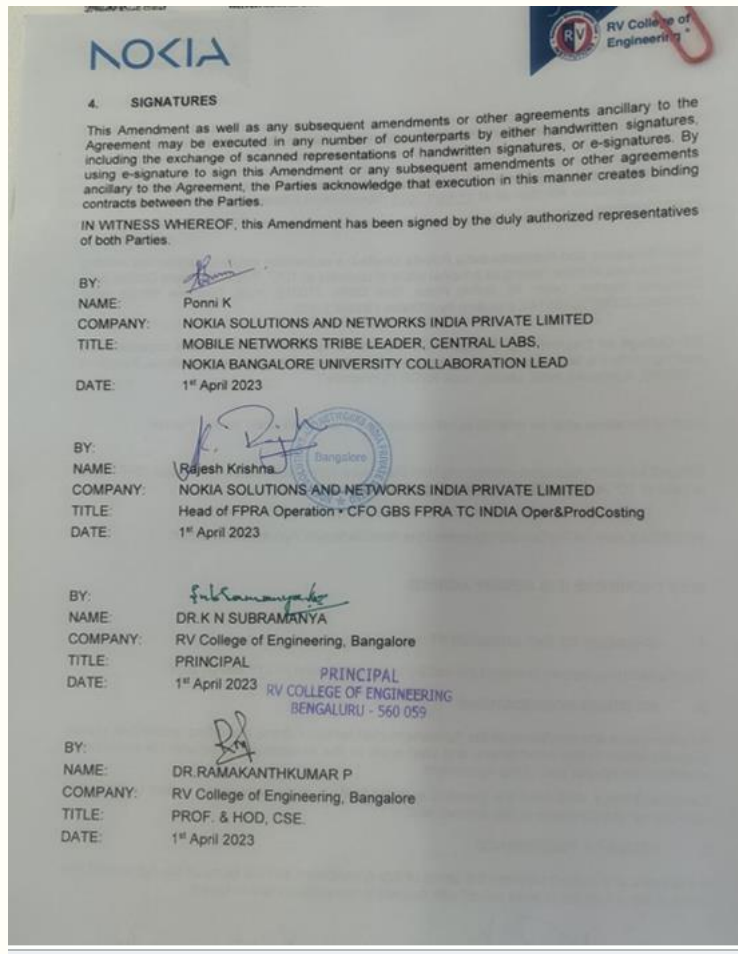
SPONSORED PROJECTS

- Dr. Nagaraja G.S accomplished the Intel FPGA University Program with distinction, showcasing expertise in Intel technologies, scoring an impressive 47.51 out of 50, marking a significant milestone in advancing academic-industry collaboration.

MOUS SIGNED BY THE DEPARTMENT

- The below Memorandum of Understanding (MoU) signifies a strategic partnership between **Nokia Solutions and Networks India Private Limited** and RV College of Engineering, Bangalore. The key signatories include Ponni K, the Mobile Networks Tribe Leader at Nokia's Central Labs and the University Collaboration Lead; Rajesh Krishna, Head of FPRA Operation, CFO GBS FPRA TC INDIA Oper&ProdCosting at Nokia; Dr. K N Subramanya, the Principal of RV College of Engineering; and Dr. Ramakanth Kumar P, the Professor and Head of the Department of Computer Science and Engineering at RV College of Engineering.

Commencing on April 1st, 2023, this collaboration underscores a shared commitment to fostering innovation, knowledge exchange, and mutual growth between the industry leader Nokia and the esteemed educational institution RV College of Engineering.



- This Mutual Nondisclosure Agreement (NDA), effective from March 28, 2023, establishes a confidential understanding between RV College of Engineering (RVCE) and **Conversant Software Development and Campaign Management Services**, LLP, trading as Epsilon. RVCE, a prominent educational institution, and Epsilon, a software development and campaign management company, enter into this agreement with the specific purpose of exchanging information for evaluating the suitability of RVCE's students for potential future employment with Epsilon.

The NDA delineates the terms and conditions governing the confidentiality and restricted use of the shared information, emphasizing its exclusive application for the outlined evaluation process. Both parties commit to maintaining the confidentiality of the disclosed information, protecting intellectual property rights, and ensuring that the shared data remains restricted to the agreed-upon purpose.

This agreement establishes a secure and confidential framework, facilitating a collaborative environment between RV College of Engineering and Epsilon for the purpose of evaluating student suitability for future employment opportunities.



- Mr. Padmanabhan from Intel ceremoniously handed over FPGA kits to our Principal. This generous contribution includes 15 licenses, each valued at \$3000, signifying a significant investment in advancing technological education at our institution.



EDITOR'S NOTE

We are grateful to our department for granting us the opportunity to publish the eighth issue of our newsletter -Enqueue(). Here, we provide you a brief glimpse of the various activities and events that our department arranged and hosted from July to December of 2023. We also highlight the excellent accomplishments of our academics, their research and consulting endeavors, as well as their publications in a range of reputable journals and conferences. Finally, we highlight the numerous accolades and prizes received by our incredibly gifted pupils. We appreciate all of our instructors and students who so willingly provided articles and other content.

As we draw the curtain on another edition of our Department of Computer Science newsletter, we express our gratitude for joining us on this journey of exploration, discovery, and accomplishment. In these pages, we've shared stories of triumphs, innovative research, and the unwavering spirit of our students and faculty. From hackathons to cutting-edge projects, our community's passion and commitment continue to be the driving force behind our success.

Celebrating the outstanding achievements of our students, whose accomplishments exemplify the spirit of excellence and innovation within our department. Our faculty members, too, have demonstrated a commitment to continuous learning, as

seen in their active participation in the AICTE Training and Learning Academy-sponsored Faculty Development Program on Cybersecurity for Industry 4.0.

As we navigate the ever-evolving landscape of computer science, we invite you to reflect on the inspiring stories and achievements shared within these pages. We are collectively shaping the future of computer science education and research, and your support is integral to our success. Thank you for being a part of our journey. Until we meet again in the next edition, stay inspired, stay curious, and keep exploring the limitless possibilities within the world of computer science.



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