NALLA NARASIMHA REDDY
Education Society's Group of Institutions - Integrated Campus
(UGC AUTONOMOUS INSTITUTION)
SCHOOL OF ENGINEERING

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING – DATA SCIENCE

REPORT ON GUEST LECTURE
Global Opportunities & Higher Education



Aim & Objective

The primary aim of this guest lecture was to equip final-year (IV Year) Data Science students with strategic guidance on international career avenues, higher studies (M.S. and Ph.D. pathways), global research collaborations, and professional development strategies. The session served to bridge the gap between undergraduate education and top-tier global research institutions, outlining application procedures, funding opportunities, and industry expectations in the field of Artificial Intelligence and Data Science.

A total of **120 IV-Year** B.Tech **CSE (Data Science)** students actively participated in the **lecture.**

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Resource Person Profile

The distinguished session speaker was Dr. Jaekeun Cho, Ph.D., Director of Engineering International Programs at the Howard R. Hughes College of Engineering, University of Nevada, Las Vegas (UNLV), USA. Dr. Cho possesses vast experience in international academic initiatives, engineering education leadership, and global student mobility. His discourse provided invaluable insights into international academic standards, cutting-edge research paradigms, and admissions strategies.

Session Proceedings & Key Highlights

- **Higher Education Pathways in the USA:** Detailed coverage of M.S. and Ph.D. application processes in US universities, including building strong academic profiles, Statement of Purpose (SOP) writing, securing Letters of Recommendation (LOR), and standardized testing requirements.
- **Data Science & AI Research Domains:** Highlights on contemporary research trends including Big Data Analytics, Machine Learning Systems, Deep Learning applications, and Autonomous Systems, advising IV-Year students to align final-year capstone projects with high-impact research.
- **Scholarship & Financial Assistance:** Comprehensive overview of Graduate Assistantships (Teaching/Research Assistantships), tuition fee waivers, fellowships, and joint international research programs at Howard R. Hughes College of Engineering, UNLV.
- **Industry Readiness & Skill Enhancement:** Emphasis on advancing mathematical modeling skills, open-source software contributions, publishing technical research papers, and developing soft skills essential for global technology roles.

Student Participation

A total of 120 IV-Year B.Tech CSE (Data Science) students actively participated in the lecture. The session concluded with an interactive Q&A round where students discussed OPT/STEM career pathways, credit conversions, and research assistantship prerequisites. The student feedback was overwhelmingly positive, rating the overall utility and presentation quality of the event at 8.8 out of 10.

Outcome of the Event

- Enhanced clarity among final-year students regarding higher education applications and international research avenues.
- Detailed awareness of scholarship opportunities, graduate assistantships, and profile building for premier universities.

- Inspiration to elevate final-year project work toward publishable academic research.
- Strengthened institutional linkage with the Howard R. Hughes College of Engineering, UNLV.

Conclusion & Vote of Thanks

The event formally concluded with a vote of thanks proposed by the CSD Department Coordinator, expressing sincere gratitude to Dr. Jaekeun Cho for delivering an engaging and insightful session. Management, faculty, and student participants expressed heartfelt thanks to the organizing team for executing the guest lecture.



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Dean, School of Engineering &

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