Department of Computer Science

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1	**Programs**	The Department of Computer Science, E-8 Campus is part of the School of Engineering and Applied Sciences. The department offers undergraduate degree programs in Computer Science, Artificial Intelligence and Information Technology and graduate degree programs in Computer Science, Data Science, Information Security and Mathematics. In addition, it offers Doctoral programs in Computer Science and Mathematics. The Department of Computer Science is a vibrant team of professionals and researchers working in leading computing domains of Artificial Intelligence, Blockchain, Cybersecurity, Data Science, Networks, and Software Development. We take a scientific and forward-looking approach to computing, and this is characterized by our high-quality teaching and addition of innovative and contemporary courses to the curriculum. Our primary educational goal is to prepare students for careers in academia or in industry. **Undergraduate Programs:** 1. BS(Computer Science) 2. BS(Information Technology) 3. BS(Artificial Intelligence) It is pertinent to note that all the UG programs are accredited by the national computing education accreditation council. **Postgraduate Programs:** 1. MS(Computer Science) 2. MS(Data Science) 3. MS(Information Security) 4. MS(Mathematics) 5. PhD(Computer Science) 6. PhD(Mathematics)
2	**Facilities**	The department has 8 well equipped Computing labs which are used for the lab component of various courses. In addition, there is a Center of Excellence of Artificial Intelligence and the Cyber Resonance and Combat Lab which has the required high end resources available to students for their research and final year projects. All the classrooms are equipped with projectors and PC for use. In addition, speakers are available to the faculty on request.

3	**Head of the Department**	Prof. Dr. Arif Ur Rahman
4	**Faculty Members**	The Department of Media Studies takes pride in its distinguished faculty, comprised of **70+** highly educated and esteemed members. Each faculty member brings a unique blend of academic expertise and real-world experience to the department, enriching the learning environment for students. With Masters/MPhil and Doctoral degrees focused on Computer Science, Information Security, Artificial Intelligence etc, the faculty is well-equipped to offer a comprehensive and up-to-date curriculum. Beyond their academic qualifications, many faculty members have made noteworthy contributions to research, academia and industry collaborations.
	Collaborations	The Department of Computer Science takes great pride in fostering strong collaborations with industry partners, recognizing the importance of bridging academic knowledge with the industry. 1. **Internship Programs:** We actively facilitate internship programs that enable our students to gain practical experience within media organizations. These internships offer a unique opportunity for students to apply classroom knowledge in real-world settings, develop industry-specific skills, and build professional networks. 2. **Industry-Driven Curriculum:** To ensure our programs remain relevant and aligned with industry trends, we maintain close relationships with the relevant industry. This collaboration informs the development of our curriculum, ensuring that it reflects current industry practices and prepares students for the challenges they may encounter in their careers. 3. **Guest Lectures and Workshops:** The department regularly invites industry professionals to conduct guest lectures and workshops. These sessions provide students with direct exposure to the latest industry insights, trends, and best practices. Industry experts share their experiences, offer valuable advice, and engage in meaningful discussions with students. 4. **Collaborative Projects:** We encourage collaborative projects between students and industry partners. These projects may involve solving real-world problems, creating multimedia content, or conducting research relevant to the

		needs of the industry. This hands-on approach allows students to showcase their skills and gain practical experience while providing industry partners with fresh perspectives and innovative solutions.
		5. **Networking Events:** The department organizes networking events, conferences, and seminars that bring together students, faculty, and industry professionals. These events create a platform for meaningful interactions, knowledge exchange, and potential career opportunities. Networking is a crucial aspect of preparing students for successful transitions into the workforce.
		6. **Advisory Boards:** We establish advisory boards comprised of industry leaders, professionals, and alumni. These boards provide valuable guidance on curriculum development, program enhancements, and industry trends. The input from these advisors ensures that our programs remain dynamic and responsive to the evolving needs of the media industry.
		7. **Career Placement Assistance:** The department works closely with industry partners to facilitate career placement opportunities for graduating students. This includes organizing career fairs, connecting students with potential employers, and providing resources for resume building and interview preparation.