2023-2024

PLACEMENT

B R O C H U R E

DEAN SCHOOL OF APPLIED SCIENCE & TECHNOLOGY

P.G Department of Computer Science
University of Kashmir
Hazratbal Srinagar-190006

Department of Computer Science

Head of the Department's DESK-Message

I am pleased to extend a warm welcome to you through this placement brochure from the Post Graduate Department of Computer Sciences at university of Kashmir. As the Head of the Department, I take pride in presenting a talented pool of individuals who are not just post graduates but future innovators, problem solvers, and leaders in the ever-evolving landscape of computer science.

Our curriculum is designed not only to impart technical skills but also to instill a deep understanding of the industry's dynamics and the ability to adapt to emerging technologies. The faculty, renowned for their expertise and dedication, ensure that our students receive a well-rounded education that goes beyond textbooks.

Our students are equipped with not only technical prowess but also critical thinking, effective communication, and teamwork skills, making them well-prepared for the challenges of the professional world. As you explore the profiles of our graduating students, you will witness a diverse range of projects, internships, and research endeavors that showcase their practical knowledge and application of theoretical concepts.

I invite you to consider the post graduates from our Department of Computer Science for your esteemed organizations. Your collaboration with us is not just a recruitment opportunity but a partnership in shaping the future of the tech industry. We are confident that our students will bring fresh perspectives and valuable contributions to your teams.

About The Department

Established in 1987, the Post Graduate Department of Computer Sciences at University of Kashmir has been a pioneering force in providing high-quality programs in computer science and applications. Over the years, the department has evolved into a dynamic hub of innovation and academic excellence.

Currently, the department offers two distinguished taught degree programs: the Master of Computer Applications (MCA) and the Master of Technology (M. Tech). These programs, designed to meet contemporary industry demands, provide students with a comprehensive understanding of computer science and its applications.

In the MCA program, each cohort consists of 60 students, embarking on a transformative two-year academic journey. Likewise, the M. Tech program accommodates 22 students per batch, ensuring an equally enriching two-year educational expedition. Additionally, the department takes pride in housing 56 dedicated scholars actively engaged in cutting-edge research for the Ph.D. program.

At the heart of our academic infrastructure lies a state-of-the-art computer lab. Equipped with high-speed internet and advanced facilities, the lab serves as a cornerstone for both academic and research activities. Research scholars benefit from a sophisticated computational environment, featuring servers and workstations that empower them to unravel complex problems and analyze empirical models with precision.

With a legacy dating back to 1987, the Post Graduate Department of Computer Sciences stands as a testament to our commitment to excellence, innovation, and the holistic development of our students. We invite you to explore the diverse talents and capabilities of our graduates, confident that they will bring valuable contributions to your esteemed organizations.

Vision and Mission Statement

Pioneering excellence in computer science education, our vision is to cultivate innovative minds, empowering them to lead in a dynamic and evolving technological landscape.

Dedicated to fostering comprehensive knowledge and practical skills, our mission is to prepare students for impactful careers in computer science, promoting lifelong learning, and contributing to advancements in the field.

With unwavering dedication, the highest standard of training in computer sciences and information technology will be pursued relentlessly by us. Our aim is to empower students to create software products and computer-based solutions, addressing real-world issues, enhancing corporate profitability through operational efficiency, and facilitating administrative procedures through e-governance. Our commitment lies in elevating computer literacy in our community by offering training to working professionals. An environment conducive to conducting top-tier research and development in diverse areas of computer technology and applications will be provided by us.

Introduction
Our achievements

Alumni

It's essential to acknowledge the distinguished individuals who have walked through our corridors and contributed significantly to the field of computer science. These alumni serve as inspirations to current students, embodying the excellence and innovation that our department instills. Their achievements stand as testament to the quality of education and opportunities provided here, highlighting the impact of our program on shaping future leaders in the realm of computer science.

Why recruit us?

Embark on a journey of innovation and excellence with our Computer Science post graduates. Here's why recruiting from our department is your gateway to unparalleled talent and success: Our alumni are not just skilled professionals; they are visionaries who thrive on pushing boundaries and solving complex problems. By recruiting from our program, you gain access to a pool of talent driven by innovation and a deep understanding of cutting-edge technologies. Elevate your company's capabilities and stay ahead in the digital age with our exceptional graduates leading the way.

Name	Contact No.	Email ID	Skill Set (Programming Language | Web Technology | Algorithms)	Project Description (M.Tech. Final Year Project)	Photo
Ishfaq Hassan	8493945070	ishuishfaq3003@gmail.com	Python, ML, CYBER SECURITY AND NTWORKING	Digital Image Forgery Detection	
Junaid Khan	8825017286	khanjunaid80121@gmail.com	C, C++, Python, Java, Web development, DSA, MERN(Mongo Express React Node) stack, Qt for cross platform, SQL	Software Development	
Bushra Nazir	7889876745	bushran739@gmail.com	Python /linear regression,logistic regression,knn,decision tree,random forest etc.	Predictive modelling for type 2 diabetes based on classification algorithm using pima dataset	
Rameez Raja	9622294908	Rameez.dar767@gmail.com	Python, Machine learning algorithms(ANN,CNN)	Handwritten digits recognition using Convolutional Neural Networks (CNNs) is a deep learning approach to identify and classify digits (0-9) from images of handwritten digits	
Qaiser Ahmad Dar	7006974644	dar.qaiser45@gmail.com	Python/Machine learning, deep learning algorithms(cnn,Ann)	To Develop a convolutional neural network (CNN) to classify images from the CIFAR-0 dataset	
Afshan Mairaj	7006746993	afshanmehraj4@gmail.com	Python programming, Machine learning, Data Analysis	Cardiovascular disease prediction using deep learning	
Nahida Nissar	9797044060	sheikhnahida140@gmail.com	Python, Depthwise Separable Convolution,Efficient Inverted Residuals with Linear Bottlenecks, MobileNetV3 Large and Small ModelsHard Swish Activation Function, Squeeze-and-Excitation (SE) Module, Feature Pyramid	Object Detection with Multi Scale Processing Technique using MobileNetV3 as backbone for Object Tracking	

Name	Phone	Email	Skills	Project	Photo
Suha Vaqar Khan	7006618048	suhavaqarkhan@gmail.com	Data Science, Machine learning, AI	Advanced Sentiment Analysis. It is the process of gathering and analyzing people's opinions, thoughts, and impressions regarding various topics, products, subjects, and services. People's opinion can be beneficial to corporations, governments, and individuals for collecting information and making decisions based on opinion.	
Aadil Ashraf Bhat	6005155083	adilbhat539@gmail.com	Python, Machine Learning Algorithms	Neural Architecture search with Reinforcement Learning. The aim of this project is to find the best architecture for a given task.	
Syed Burhan		syedburhan2017@gmail.com	Python	Machine learning in cryptanlysis	
Fatima Jan	7889320187	jaanfatima.1313@gmail.com	Python with vgg16 model	Facial emotion detection	
Shahid Bashir	778829699	acejoker967@gmail.com	C++, HTML, CSS, Python, Machine Learning	SPAM SMS Detection using Machine Learning Algorithms	
Aisha Mairaj	8491026362	aishabhat580@gmail.com	Machine Learning, Python, C programming	Development of an English text to Kashmiri Voice Conversion System using Arduino Nano	

Structure of Curriculum for M. Tech. in Computer Science

Semester-I (24 Credit unit Semester)

Course Code	Course name	Category	Hours / Week L	T	P	Credits
			CORE SUBJECTS			
CSE20511	Embedded Systems	Core	4	0	0	4
CSE20512	Lab Embedded Systems	Core	0	0	4	2
CSE20513	Graph Theory	Core	4	0	0	4
CSE20514	Lab Graph Theory	Core	0	0	4	2
CSE20515	Artificial Intelligence	Core	4	0	0	4
		ELECTIVE SUBJECTS				
CSE20516x	Elective 1	Elective	4	0	0	4
CSE20516x	Elective 2	Elective	4	0	0	4

List of Elective Subjects:
  i)   CSE205161 Advance Data Communications
  ii) CSE205162 Advanced Database Management Systems
  iii) CSE205163 Engineering Mathematics
  iv) CSE205164 Object Oriented Analysis & Design

Semester-II (24 Credit unit Semester)

Course Code	Course name	Category	Hours / Week L	T	P	Credits
			CORE SUBJECTS			
CSE20521	Network Security and Cryptography	Core	4	0	0	4
CSE20522	Lab Network Security and Cryptography	Core	0	0	4	2
CSE20523	Image Processing	Core	4	0	0	4
CSE20524	Lab Image Processing	Core	0	0	4	2
CSE20525	Machine Learning	Core	4	0	0	4
		ELECTIVE SUBJECTS				
CSE20526x	Elective 1	Elective	4	0	0	4
CSE20526x	Elective 2	Elective	4	0	0	4

List of Elective Subjects:
  i)   CSE205261 Advanced Algorithms
  ii) CSE205262 Software Reliability Engineering
  iii) CSE205263 Optimization Techniques
  iv) CSE205264 Big Data

Semester-III (24 Credit unit Semester)

Course Code	Course name	Category	Hours / Week L	T	P	Credits
			CORE SUBJECTS			
CSE20531	Minor Project	Core	0	4	0	4
CSE20532	Parallel and Distributed Computing	Core	4	0	0	4
CSE20533	Real Time Operating Systems	Core	4	0	0	4
CSE20534	Advanced Wireless and Mobile Computing	Core	4	0	0	4
	ELECTIVE SUBJECTS					
CSE20535x	Elective 1	Elective	4	0	0	4
CSE20535x	Elective 2	Elective	4	0	0	4

List of Elective Subjects:

  i)   CSE205351 Cloud Computing
  ii)   CSE205352 Internet of Things
  iii) CSE205353 Natural Language Processing
  v)   CSE205354 Block Chain

Semester-IV (24 Credit unit Semester)							
Course Code	**Course name**		**Category**	**Hours / Week**			**Credits**
				L	T	P	
	CORE SUBJECTS						
CSE20541	Problem Identification		Core	0	2	0	2
CSE20542	Problem Analysis		Core	0	4	0	4
CSE20543	Software Development		Core	0	6	0	6
CSE20544	Research Component		Core	0	6	0	6
CSE20545	Dissertation		Core	0	6	0	6

Faculty Expertise

Meet the backbone of our esteemed Computer Science department – our exceptional faculty members. our faculty bring a wealth of experience and knowledge to the classroom. With a commitment to nurturing the next generation of tech leaders, our professors inspire, mentor, and challenge students to reach their fullest potential. Get to know the faces behind our renowned program and discover the invaluable guidance and expertise they offer to shape the future of computer science.

Faculty	Designation	Qualification	Expertise/ Area of Interest
Dr. Javaid Iqbal	Head and Associate Professor	MCA and PhD from University of Kashmir	Software reliability growth models and software performance engineering.
Prof. M. Arif Wani	Professor	B.E from NIT Srinagar, M.Tech from IIT Delhi, PhD from university of wales, UK	Artificial Intelligence and Machine Learning
Dr. Manzoor Ahmad	Associate Professor	B.E from Karnataka University, M.S from BITS Pilani, MBA and PhD from Kashmir University	Artificial Intelligence and Machine Learning, Data Science, Computer Graphics, Natural Language Processing and Spoken Dialogue Systems
Dr. Sajad Mohammed Khan	Scientist B	M.C.M from Pune University, PhD from MEWAR University	Management Information Systems
Dr. Faheem Syeed Masoodi	Assistant Professor	MCA from Kashmir University, PhD from Aligarh Muslim University	Cryptography & Network Security; Intrusion Detection and Internet of things (IOT).
Dr. Sajid Yousuf Bhat	Assistant Professor	BCA and MCA from Kashmir University, PhD from Jamia Millia Islamia	Community detection and community evolution Spam/Spammer Detection, Business Intelligence (Viral Marketing), Image Processing

Research and Innovations

Explore the field of research excellence within our Computer Science department. We have a wide range of projects, both ongoing and completed, that make a real difference in the world. See how our faculty and students are pushing the boundaries of knowledge and technology, shaping the future of computing with every project they undertake.

Research Project Details			
Ongoing Projects:			
Name of the Project	Funding Agency	Year of Commencement	Amount Sanctioned
FIST Project	Department of Science and Technology Govt. Of India	2016	55 Lakhs
MRP	University Grants Commission	2016	11.50 Lakhs

Research Project Details			
Completed Projects:			
Name of the Project	Funding Agency	Year of Commencement	Amount Sanctioned
Very Large Scale Integration	Department of Science and Technology Govt. Of India	2007	50 Lakhs

Industry Collaborations/Internship Hubs

Our students have successfully taken internships from the following companies/departments:

Name of Internship Hub	No. of Students Interned
Criminal Investigation Department, Government of India	2
Yarikul Infotech Pvt. Ltd.	1

Placements in the last 5 years

Over the past 5 years, we've successfully placed students in reputable companies and institutions. Here are some recent placements:

S.No.	Name of Student	Company Name	Year
1	Mudasir Bashir	Govt. Sector	2023
2	Aafridah Manzoor	Almuqeet Systems Pvt. Ltd.	2023
3	Shuja Jeelani	I QUASAR	2022
4	Musaib Gulzar	PALO ALTO	2022
5	Tahir Mujtaba	QUANTIPHI	2022
6	Beenish Assad	Rural Development Department	2022
7	Weqar Younis Wani	Protiviti	2022
8	Junaid Manzoor	X2 Ligics	2022
9	Soliha Shah	Evant hawk	2022
10	Jamsheed Ahmad Khanday	AON PLC	2022
11	Mohd Aaqib	GRAPHICS VIEW	2021
12	Wajid Gulzar	AMAZON	2021
13	Mohd Ibrahim	District Development Authority	2021
14	Rabia Lateef	Central University	2021
15	Reem Basu	Central University	2021
16	Ayaz Wani	Toku	2021
17	Tanveer Ahmad Khan	Bitwise Global	2021
18	Wajahat	DEVOPS	2020
19	Faizan	NETBEANS	2020
20	Mudasir Sangoo	JK Bank	2020
21	Umar Khan	Enterprise Security	2020
22	Javaid Ah Ganaie	KAMEDA INFO LOGICS	2020
23	Mahapara Ashraf	KAMEDA INFO LOGICS	2020
24	Salfi Farooq	Graphics View	2019
25	Riyan Farooq Hakak	MICROSOFT	2019
26	Aamir Farooq	Rural Development Department	2019
27	Mir Abid Amin	Concentrix	2019

List of Prominent Recruiters

Our department has strong connections with several prominent recruiters, including:

- Almuqeet Systems Pvt. Ltd.
- I QUASAR
- JK BANK
- BQE SOFTWARE
- Applied Informatics
- LeLafe IT Solutions

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