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# FACULTY OF COMPUTER SCIENCE

PACIFIC ACADEMY OF HIGHER EDUCATION & RESEARCH UNIVERSITY  
Approved by UGC





## ABOUT PAHER UNIVERSITY

Pacific Academy of Higher Education and Research University is a group of colleges in multiple disciplines like Engineering, Dentistry, Pharmacy, Computer Science, Law, Business Studies, Arts, Science, Physical Education Commerce & Management, Hotel Management, Education, Yoga, Media & Mass Communication, Fine Arts and Fashion Technology. Each unit stands as a centre of excellence in its respective discipline, while

Adhering to the values and vision of PAHER as a whole. These colleges are proud to offer world – class infrastructure and faculties that synergize together to enrich the lives and career of the students. PAHER campus provides a calm and tranquil environment that is conducive for enhancing the learning process. Spread over 50 acres of greenery, the campus is just 9 km away from Udaipur, the city of lakes. Surrounded by the pristine Aravali Hills. It consists of a campus replete with all modern amenities with state-of-the-art classrooms, laboratories and libraries. There is a separate facility of hostels for boys and girls in the undergraduate and the postgraduate program, with comfortable rooms, Labs and neat toilets. Transportation facility is available giving access from all corners of the city. Sports ground, canteen and student club rooms ensure an active platform for extra – curricular activities that are an integral part of a healthy college life.





## MISSION

The Faculty of Computer Science is committed to providing comprehensive education and training to students aspiring to build successful careers in the field of Computer Science, Information Technology, and related industries.

Our mission is to equip students with the technical knowledge, problem-solving skills, and practical experience required to excel in roles such as software developers, data scientists, network engineers, cyber security specialists, and IT professionals across diverse sectors.

We aim to foster a culture of innovation, creativity, and ethical responsibility, encouraging students to develop solutions that address real-world challenges. Emphasis is placed on nurturing leadership qualities, teamwork, and entrepreneurial skills to prepare students for dynamic global careers.

Through a blend of theoretical learning, practical training, and industry exposure, the Faculty of Computer Science strives to create an environment where students develop both intellectually and personally, empowering them to thrive in the fast-evolving world of technology.

## VISION

The Faculty of Computer Science envisions becoming a globally recognized center of excellence in computer science education and technology innovation.

Our vision is to produce graduates who are not only equipped with advanced technical skills and theoretical knowledge but also possess a strong understanding of emerging industry trends, ethical practices, and global standards in technology.

We are committed to fostering a culture of innovation, critical thinking, and research excellence, empowering students to develop cutting-edge solutions that address real-world challenges. By building strong connections with the IT industry, technology leaders, and academic institutions, we aim to create opportunities for collaboration, knowledge sharing, and professional growth.

Our focus is on shaping well-rounded professionals who demonstrate integrity, dedication, and a high degree of professionalism, contributing positively to the advancement and sustainability of the global tech landscape.





## ABOUT FACULTY OF COMPUTER SCIENCE

The Faculty of Computer Science was established in July 2012 and has been delivering quality education for the past 13 years. Since its inception, the faculty has been dedicated to fostering excellence in the field of Computer Science and Information Technology.

Currently, the faculty offers various programs at the undergraduate, postgraduate, and research levels, including Bachelor of Computer Applications (BCA), Master of Computer Applications (MCA), MSc.IT & PGDCA with a thriving student body of over 800 + students.

The faculty is supported by highly qualified and experienced professionals who bring extensive expertise from both academia and the IT industry.

Their goal is to equip students with a strong foundation in programming, software development, data science, AI Machine Learning, cyber security and other emerging technologies.

To prepare students industry-ready, the faculty emphasizes a blend of theoretical knowledge and practical implementation. Faculty provides well-equipped computer labs, coding workshops, and project-based learning foster hands-on experience to expertise students in the field of computer Science. The institute also encourages students participation in hackathons, tech fests, industry oriented workshops and seminars to enhance students' technical skills and innovation.

Students from the Faculty of Computer Science have successfully built rewarding careers in leading IT companies, multinational corporates, and startups worldwide. With a focus on holistic development, the faculty also organizes regular seminars, guest lectures, coding competitions, and industrial visits to bridge the gap between academic learning and industry practices.

The Faculty of Computer Science continues to strive for academic excellence, innovation, and career-focused education, preparing students to excel in the rapidly evolving world of technology.

Shape your  
**Future**  
with **FCS**,  
**PAHER**  
**University**





## Director's Message

**Prof. Dilendra Hiran**

Director, Faculty of Computer Science,  
PAHER University



Welcome to the Faculty of Computer Science!

In today's fast-evolving technological landscape, computer science is at the heart of innovation, driving advancements in artificial intelligence & Machine Learning, cyber security, data science, and software development. Our department is committed to equipping students with the skills, knowledge, and problem-solving mindset needed to excel in this dynamic field.

With a strong emphasis on hands-on learning, interdisciplinary research, and industry collaboration, we provide a robust curriculum designed to prepare students for both academic and professional success. Our faculty composed of experienced educators and researchers are dedicated to fostering a culture of creativity, critical thinking, and lifelong learning.

As you explore the opportunities within our department, I encourage you to take full advantage of our cutting-edge facilities, mentorship programs, and industry partnerships. Whether you aspire to be a software engineer, data scientist, AI researcher, or entrepreneur, our programs will provide you with the foundation to achieve your goals.

**Join us in shaping the future of technology!**

## HOD's Message

**Dr. Divya Shekhawat**

Associate Professor, Faculty of Computer Science,  
PAHER University



Dear Students, Parents, and Esteemed Readers,

Welcome to the Department of Computer Science!

In an era where technology shapes every aspect of our lives, a strong foundation in computer science is essential for innovation, problem-solving, and career success. Our department is dedicated to nurturing curious minds, fostering creativity, and equipping students with the skills to excel in this ever-evolving field.

We take pride in offering a dynamic curriculum that blends theoretical knowledge with practical applications. Our state-of-the-art labs, experienced faculty, and industry collaborations ensure that students receive hands-on experience and exposure to the latest advancements in artificial intelligence, data science, cyber security, and software development.

At our institution, we emphasize not only technical excellence but also ethical responsibility and teamwork. We strive to develop well-rounded professionals who are ready to take on global challenges and contribute meaningfully to society.

I invite you to be a part of this exciting journey and explore the endless possibilities that computer science offers. Together, let's shape the future of technology!



# Why Choose us?

- **Industry-Aligned Curriculum** : Stay ahead with the advance courses designed to meet the latest demands in IT, Cyber Security, AI& Machine Learning, and Data Science.
- **Expert Faculty** : Learn from experienced educators and Industry professionals dedicated towards the student's academic and career growth.
- **State-of-the-art Infrastructure** : Access to modern labs, high-performance computing resources, and the latest software tools to train students with advance practical knowledge, problem solving and computing skills.
- **Real-World Learning** : Build your portfolio with live projects, internships, trainings and hackathons that prepare the students for the real tech world.
- **Placement-Driven Approach** : Provide assistance from our strong industry partnerships, career counseling, and placement drives with top tech firms.
- **Research and Innovation** : Dive into cutting-edge research and development; contribute to solve global challenges through advance technology and strong research support.
- **Support for Startups** : Got an Idea? Our innovation cell, domain clubs, tinkering labs and incubation support help students to turn their dreams into reality.
- **Dynamic Campus Life** : Participate into various activities, clubs, workshops, tech-fests, and seminars that ignite student's creativity and networking.

Join us at the Faculty of Computer Science, PAHER University, and turn your passion for technology into a powerful and successful career.





## COURSES OFFERED

S. No.	Course	Eligibility	Duration
1.	B.C.A / B.C.A (Hons.) (Bachelor of Computer Applications)	10+2 from any stream	3 / 4 Years
2.	M.C.A (Master of Computer Applications)	BCA/Graduation in any Stream with Maths	2 Years
3.	P.G.D.C.A (Post Graduate Diploma In Computer Applications)	Graduation in any Stream	1 Year
4.	M.SC (IT,CS) (Master of Science in Information Technology)	Graduation in Any stream	2 Years

## NATIONAL EDUCATION POLICY (NEP) – 2020

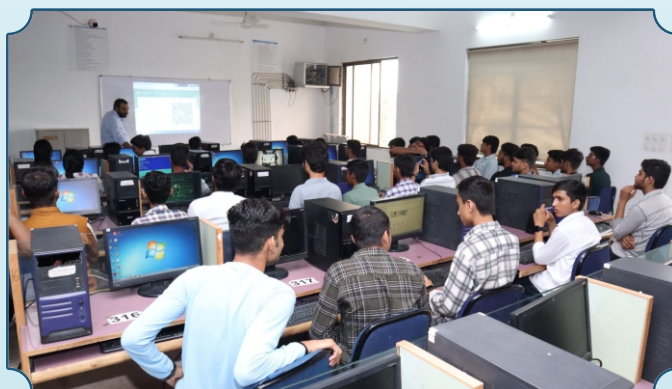
"The undergraduate degree will be of either 3 or 4- year duration, with multiple exit options within this period with appropriate certifications, e.g. a certificate after 1 year in a discipline of field including vocational and professional areas, or a diploma after 2 years of study, or a Bachelor's degree after a 3 year programme. The 4 year multidisciplinary Bachelor's programme, however, shall be the preferred options since it allows the opportunity to experience the full range of holistic and multidisciplinary education in addition to a focus on the chosen major and minors as per the choices of the students".

### Admission Process

- Faculty of Computer Science Admission Form is available at University Administrative Block at Rs. 1500/-
- The Applicant can apply for online admission through the website link :

### As per the UGC Guidelines:

1. In case if the course is left the completion of second semester the student should do two months training with the credit point of 4 after industrial training is awarded.
2. The student after dropping second semester UG certificate will be awarded.





## PROGRAM HIGHLIGHTS

- 1. BCA (NEP) (Bachelor of Computer Applications)**
  - Duration: 3/4 years (Undergraduate)
  - Eligibility: 10+2 from any stream
  - Focus: Fundamental concepts of computer science, programming languages, databases, and web development, Artificial Intelligence, Machine Learning, Digital Marketing, Devops.
- 2. MCA (Master of Computer Applications)**
  - Duration: 2 years (Postgraduate)
  - Eligibility: BCA/Graduation in any stream with Math's
  - Focus: Advanced programming, software development, Artificial Intelligence data science, Advance Machine Learning algorithms and Block Chain.
- 3. PGDCA (Post Graduate Diploma in Computer Applications)**
  - Duration: 1 year (Postgraduate Diploma)
  - Eligibility: Graduation in any stream
  - Focus: Practical knowledge of computer applications, programming, and software tools.
- 4. M.Sc. (IT, CS) (Master of Science in Information Technology)**
  - Duration: 2 years (Postgraduate)
  - Eligibility: Graduation in any stream
  - Focus: IT systems, data analytics, cyber security, and network management.





## INFRASTRUCTURE & FACILITIES

### **Library**

Books, Journals, Magazines, and similar and resources are valuable resources are valuable source of knowledge, especially in today's fast-paced world of technology. To provide easy access to such information, Faculty Of Computer Science has set up a library in a space that is both traditional and welcoming. The College Library is the center of learning and offers a wide range of books and reference materials.

### **Smart Class Room**

The college has put in special efforts to design and setup the modern day classrooms to provide A reassuring a sedate atmosphere to the students. All the rooms, including the classrooms, lecture theatre have been imparted a modernistic look while retaining their aesthetic appeal.

The college has made generous use of technology as required to keep up with the dynamic teaching techniques.

### **Auditorium**

Auditorium is a proof to convey the fact that the university has been conceived with a noble notion. Faculty Of Computer Science possess a fully air conditioned, ICT enabled Auditorium with a huge sitting capacity . The college has brought this Auditorium into existence after detailed and meticulous planning. With flawless design this place is augmented with a robust feel of a dynamic through process. Various programs like seminars, talks by eminent scholars, etc., are arranged in the Hall.

### **Computer Lab**

With an aim to establish a campus that stands as a faculty for innovative ideas, Faculty of computer Science has developed the curriculum and the other aspects pertaining to the university. The laboratories at the college constructed and designed with a very modern perspective. The furnishings and the teaching resource used in the labs are also ultramodern and contemporary. All the laboratories are adequately equipped as per the university norms.

### **Sports and Games**

we aim to provide opportunities for everyone to participate at any level of their sport.

### **Hostel**

The College provides hostel facilities to almost all the students. There are four independent spacious hostels for boys and one hostel for girls inside the college campus. All the rooms in the hostel have the basic amenities, including TV, facilities for indoor, outdoor games and common room.

### **Mess**

Both the hostels have their separate mess facilities with nutritious and wholesome food.



## TRAINING & JOB OPPORTUNITIES

- The Placement Cell of the Faculty of Computer Science is dedicated to bridging the gap between potential employers and students, ensuring they are well-prepared for successful careers in the IT and technology sectors.
- Key objectives of the Placement Cell include:
- Industry Interaction: Establishing strong connections with leaders and experts in the IT and technology industries to create opportunities for student placements, internships, and collaborations.
- Student Database Management: Maintaining a comprehensive data bank (ERP) of student profiles to efficiently match candidates with suitable employment opportunities.
- Interview Preparation: Conducting presentation sessions, career counseling, and mock interview sessions to equip students with essential communication skills, technical knowledge, and confidence for campus interviews.
- Industry Exposure: Organizing industrial visits, workshops, seminars, and guest lectures by distinguished industry professionals to enhance students' practical understanding of industry trends and technologies.
- Training Programs: Coordinating industrial training programs and internships for students pursuing BCA, MCA, MSc.IT & PGDCA and other certification courses, ensuring hands-on experience with real-world IT environments.
- By actively collaborating with industry leaders and leveraging innovative training methods, the Placement Cell strives to empower students to secure rewarding career opportunities in the ever-evolving tech industry.



# Explore. Engage. Excel.

## Domain Clubs – Driving Innovation beyond the Classroom

At the Faculty of Computer Science, PAHER University, learning doesn't stop at lectures or classrooms. Domain Clubs provide dynamic platforms for students to deepen their understanding, explore new technologies, and collaborate with like-minded peers.

Passion-driven communities that explore specific areas of technology. Each club is led by student coordinators and mentored by faculty experts.

Focused, peer-led groups that support academic excellence through regular discussions, doubt-solving sessions, and collaborative learning on core subjects and trending techs.

### TalkTech Tribe – “Speak Well, Lead better”

TalkTech Tribe is basically focussed to enhance communication skills and personality development. It empowers future tech leaders to express ideas clearly, collaborate effectively, and lead with confidence in both academic and professional environment.



### C.O.D.E (Club of Data Engineers) – “Build Data-Driven Futures”

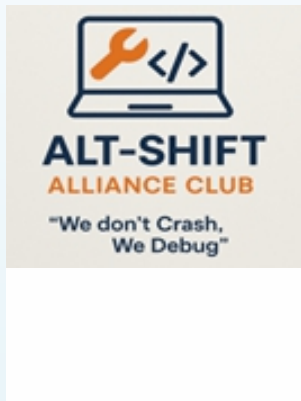
C.O.D.E is a dynamic student-led initiative that empowers future data professionals through workshops, projects, and peer collaboration. Dive into data engineering, artificial intelligence, neural networks, and real-world machine learning projects.





## ALT-SHIFT Alliance Club-“We do not Crash, We Debug”

ALT-SHIFT Alliance is focused on shortcuts and coding, Build full- stack applications, explore UI/UX design, and showcase creative coding skills.



## C.O.D.E (Club of Data Engineers)-“Build Data-Driven Futures”

C.O.D.E is a dynamic student-led initiative that empowers future data professionals through workshops, projects, and peer collaboration. Dive into data engineering, artificial intelligence, neural networks, and real-world machine learning projects.



## Why Join?

- Hands-on projects and mini workshops
- Exposure to industry tools and certifications
- Participation in inter-college competitions
- Collaboration on tech events and publications
- Discover Your Potential, Lead the Future
- Whether you're a beginner or an expert, these communities are designed to help you grow, lead, and succeed in your life.



## GLIMPSES





## OTHER ACTIVITIES





## PLACEMENTS



**Priyanshi Jaroli**  
REVANCER PRIVATE LTD.



**Deepesh Patel**  
REVANCER PRIVATE LTD.



**Himanshu Choudhary**  
REVANCER PRIVATE LTD



**Rishika Chaturvedi**  
REVANCER PRIVATE LTD



**Naresh Suthar**  
Informatic Assistant Govt. of Rajasthan



**LAKSHYA RAJ SINGH BHATI**  
Computer Instructor Govt.  
RSSB, Jaipur



**Narayan Suthar**  
Arcgate, Udaipur



**Shreepal Goyal**  
Arcgate, Udaipur



**Hasnain Motagamwala**  
Inferenz Tech Pvt Ltd. Ahmedabad



**Neeraj Singh Rajput**  
Arcgate, Udaipur



**Arshee Manjee**  
TCS, Bangalore



**Vanshdeep Singh**  
Wipro, Mumbai



**Gopi Ghetiya**  
Wipro, Mumbai



**Momita Das**  
Accenture, Pune



**Anurag Chasta**  
IDBI, Jaipur



**Girish Kalal**  
Cognizent, Bangalore



**Maninder Singh**  
Reliance Energy, Delhi



**Rahul Kumar Patdiar**  
Computer Instructor Govt.  
RSSB, Jaipur



**Ajay Kumar Balai**  
Computer Instructor Govt.  
RSSB, Jaipur



**Prahlad Meghwal**  
Computer Instructor Govt.  
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**Bhawani Shankar Chanderiya**  
Computer Instructor Govt.  
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**Anil Chotiya**  
Computer Instructor Govt.  
RSSB, Jaipur



**Hitesh Joshi**  
Computer Instructor Govt.  
RSSB, Jaipur

“

**We Make Student Employable**

Exploring New Technology, Offers High Potential for  
the future, Getting Placements in upper Hand

”



**FACULTY OF  
COMPUTER  
SCIENCE**

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