



JAYPEE UNIVERSITY, ANOOPSHAHR

(Established under the Govt. of Uttar Pradesh Act No. 8 of 2014

and incorporated under U.P. Act No. 12 of 2019)

Aligarh Road, Anoopshahr, Dist. Bulandshahr (UP) - 203390

www.jaypeeun.ac.in

ANNUAL REPORT

JAYPEE UNIVERSITY, ANOOPSHAHR

01 JUL 2024 TO 30 JUN 2025

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BASIC INFORMATION IN BRIEF

Name	: Jaypee University, Anoopshahr (Established under the Govt. of Uttar Pradesh Act No. 8 of 2014 and incorporated under U.P. Act No. 12 of 2019)
Year of Establishment	: 2014
Status	: State Private University
Location	: Aligarh Road, Anoopshahr
Pin code	: 203390
District	: Dist. Bulandshahr
State	: Uttar Pradesh

Officers of the Institute

Pro-Chancellor	: Prof. S.C. Saxena
Vice Chancellor	: Prof. Rajiv Saxena
Registrar	: Sh. Sanjay Agarwal
Finance Officer	: Sh. Radheshyam

Tele/Fax/Website

Vice Chancellor	: 9758491547
Registrar	: 8979000695
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Website	: www.jaypeeuniversity.ac.in

विद्या तत्त्व ज्योतिसमः

INTRODUCTION

About Anoopshahr

Anoopshahr is located on the banks of holy river Ganges in the District Bulandshahr of Western Uttar Pradesh and has a population of around 24000. The town is very well connected from all important places of Uttar Pradesh and Delhi. It is 120 KMs from Delhi, 100 KMs from Noida, 82 KMs from Greater Noida, 78 KMs from Moradabad, 42 KMs from Bulandshahr and 100 KMs from Meerut. Further, all these towns are well connected by rail from all parts of the country. Nearby railway stations include Rajghat 12 KMs, Babrala 30 KMs, Bulandshahr 42 KMs and Aligarh 60 KMs.

Anoopshahr was founded by Bargujar Raja Anup Rai around 1610, during the time of Mughal Emperor Jahangir and is also called “*Choti Kashi*”, which mean small Kashi. It has a number of Inter Colleges, a Degree College and now the Jaypee University.

About Jaypee University, Anoopshahr

Jaypee University at Anoopshahr is an interdisciplinary University established by the Govt. of U.P. Act No 8 of 2014. Based on the sanction received vide Govt. of Uttar Pradesh letter No 347/Sattar-1-2014-20(4)/2011 the University started functioning in 2014.

We are a New Generation inter disciplinary University aiming to produce quality professionals capable of meeting global challenges. The University is set up in about 80 Acres of lush green environment on the banks of holy river Ganges, providing serenity and intellectually stimulating environment.

Campus

The University campus is located at Anoopshahr on the banks of holy river Ganges in District Bulandshahr of western U.P. It is well connected with all important places of Uttar Pradesh and national capital Delhi. It is 120 Kms from Delhi, 100 Kms from Noida, 82 Kms from Greater Noida, 78 Kms from Moradabad, 42 Kms from Bulandshahr and 100 Kms from Meerut. Nearby railway stations include Rajghat 12 Kms, Babrala 30 Kms, Bulandshahr 42 Kms and Aligarh 60 Kms.

Core Values

Academic excellence, professionalism, leadership and team work are the hallmark of this great institution and we work to produce professionals with quality in technology, innovation entrepreneurship and management. We strive to uphold the highest standards in whatever and whenever we do.

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Vision

To become a Center of Excellence in the field of IT & related emerging areas in education, training and research comparable to the best in the world for producing professionals who shall be leaders in innovation, entrepreneurship, creativity and management.

Mission

- *Develop as a benchmark university in the emerging areas of Engineering & Technology, Bio and Medical Sciences, Management, Commerce, Humanities & Social Sciences, Economics and other areas to contribute in the development of nation.*
- *Harness human capital for sustainable competitive edge and social relevance.*
- *To develop as a benchmark University in emerging technologies;*
- *To provide state- of- the- art teaching, learning process and R&D environment; and*
- *To harness human capital for sustainable competitive edge and social relevance.*

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Governance

GOVERNING BODY

Sl.	Name	Designation	Position	Remarks
1.	Sh. Manoj Gaur	Chancellor	Chairperson	Ex-Officio
2.	Prof. S.C. Saxena	Pro-Chancellor	Member	Ex-Officio
3.	Prof. Rajiv Saxena	Vice-Chancellor	Member	Ex-Officio
4.	Sh. Sunil Kumar Sharma	Vice-Chairman, Jaiprakash Associates Ltd.	Member	One member nominated by the Sponsoring Body
5.	Prof. B.R. Mehta	Vice-Chancellor, JIIT, Noida	Member	One eminent educationist nominated by the Sponsoring Body.
6.	Sh. Alok Gaur	Joint Managing Director, Kanpur Fertilizers & Chemicals Ltd.	Member	One member from industry/corporate nominated by the Sponsoring Body
7.	Shri Vishal Gupta	Advocate	Member	One legal expert nominated by the Sponsoring Body
8.	Shri Sanjiv Puri	Chief Finance Officer, JIIT, Noida	Member	One financial expert nominated by the Sponsoring Body
9	Sh. Sanjay Agarwal	Registrar	Non-Member Secretary	Ex-Officio

EXECUTIVE COUNCIL

Sl.	Name	Designation	Position	Remarks
1.	Prof. Rajiv Saxena	Vice-Chancellor	Chairperson	Ex-Officio
2.	Sh. Sunil Kumar Sharma	Vice-Chairman, Jaiprakash Associates Ltd.	Member	Three members nominated by the Governing Body
3.	Sh. Sunny Gaur	Ex. Managing Director, Cement Jaiprakash Associates Ltd.	Member	
4.	Smt. Rekha Dixit	Advisor-JCCL	Member	
5.	Prof. B. R. Mehta	Vice Chancellor, JIIT, Noida	Member	Two eminent educationists nominated by the Chancellor
6.	Prof. R K Sharma	Vice Chancellor, JUIT, Wagnaghat	Member	
7.	Shri R K Chaturvedi	Former Secretary, Ministry of Fertilizers	Member	One officer of the State Government not below the rank of Joint Secretary to the Govt of Uttar Pradesh
8.	Dr. Suman Saha	Associate Professor, JUA	Member	One Professor of the University in order of seniority on rotation basis

				for a period of one year
9.	Dr. Nishant Srivastava	Associate Professor, Faculty of Engineering and Technology; and Associate Dean (Academics)	Member	One Associate Professor of the University in order of seniority on rotation basis for a period of one year
10.	Dr. K P Singh	Ex-Principal, DPBS, Anoopshahr	Member	One educationist not below the rank of Associate Professor from a panel of three names approved by the State Government
11.	Sh. Sanjay Agarwal	Registrar	Member Secretary	Ex-Officio
12.	Sh. Radhe Shyam	Finance Officer	Non-Member	Ex-Officio

ACADEMIC COUNCIL

Sl.	Name	Designation	Position	Remarks
1.	Prof. Rajiv Saxena	Vice-Chancellor	Chairperson	Ex-Officio
2.	Dr. Suman Saha	Associate Professor and In-charge, Faculty of Engineering and Technology	Member	All In-charges of Faculties (in place of Dean)-Ex-officio
3.	Dr. Himanshu Rajput	Assistant Professor (G-1) and In-charge, Faculty of Management and Commerce and Head of, Department of Management, JUA	Member	
4.	Dr. Nitin Kumar Sharma	Assistant Professor (Senior Grade) and In-charge, Faculty of Sciences and Head, Department of Chemistry, JUA	Member	
5.	Dr. Rakhi Pandey	Assistant Professor (Senior Grade) and In-charge, Faculty of Humanities and Social Sciences, JUA	Member	
6.	Dr. Chetna Sharma	Probationary Assistant Professor and In-charge, Faculty of Mathematics and Computer Applications	Member	All Head of the Departments-Ex-Officio
7.	Dr Kapil Sharma	Assistant Professor (Senior Grade) and Head, Department of Computer Sciences and Engineering/Information Technology, JUA	Member	
8.	Dr. Varun Kumar Singhal	Assistant Professor (Senior Grade) and Head, Department of Electronics and Engineering	Member	

9.	Mr. Ram Kumar	Assistant Professor (Grade-II) and Head, Department of Mechanical Engineering	Member	
10.	Dr. Rahul Kumar	Assistant Professor (Grade-I) and Head, Department of Commerce	Member	
11.	Dr. Mohit Sharma	Assistant Professor (Grade-II) and Head, Department of Physics and Material Science and Engineering	Member	
12.	Dr. Sumit Kumar	Probationary Assistant Professor and Head, Department of Life Sciences	Member	
13.	Dr Riya Rana	Probationary Assistant Professor and Head, Department of Arts	Member	
14.	Mr Saurabh Misra	Assistant Professor (Grade-II) and Head, Department of Social sciences	Member	
15.	Dr Amit Kumar Verma	Assistant Professor (Grade-I) and Head, Department of Mathematics	Member	
16.	Mrs. Nikita Agarwal	Assistant Professor (Grade-I) and Head, Department of Computer Applications	Member	
17.	Prof. B R Mehta	Vice-Chancellor, JIIT, Noida	Member	Two distinguished academicians from outside the University nominated by the Chancellor
18.	Prof. R K Sharma	Vice-Chancellor, JUIT, Noida	Member	
19.	Dr. Nishant Srivastava	Associate Professor, Faculty of Engineering and Technology and Associate Dean (Academics)	Member	Two Associate Professor by rotation in order of seniority
20.	Dr Suman Saha	Associate Professor and In-charge, Faculty of Engineering and Technology	Member	
21.	Dr. Priyanka Arora Jha	Assistant Professor (G-II) , Faculty of Sciences	Member	Two Assistant Professor by rotation in order of seniority
22.	Dr Sonali Sachdeva	Assistant Professor (G-II) , Faculty of Sciences	Member	
23.	Sh. Sanjay Agarwal	Registrar	Member Secretary	Ex-Officio

Special Invitee

24	Prof. S C Saxena	Pro-Chancellor	Observer	Ex-Officio
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FINANCE COMMITTEE

Sl.	Name	Designation	Position	Remarks
1.	Prof. S C Saxena	Pro-Chancellor	Chairperson	Nominated by the Sponsoring Body
2.	Shri Manu Bhaskar Gaur	CEO, JUIT, Waknaghat	Member	Nominated by the Governing Body
3.	Prof. Rajiv Saxena	Vice-Chancellor	Member	Ex-Officio
4.	Prof. Vikas Saxena	Director and Dean, JIIT, Noida	Member	Nominated by the Executive Council
5.	Shri Sanjiv Puri	CFO, JIIT, Noida	Member	One Financial Expert nominated by the Sponsoring Body
6.	Sh. Radhe Shyam	Finance Officer	Member Secretary	Ex-Officio

विद्या तत्त्व ज्योतिसमः

DETAILS OF INFRASTRUCTURE.

Sr .No	Name of Building	Capacity	Area (Sqft)	Remarks
(a)	Academic Block (A1 & A2)	2000 Students	131541	
(b)	Workshop & Laboratories		44960	
(c)	Library		5315	
(d)	Laboratories		10630	
(e)	Cafeteria		5750	For above 250 students
(f)	Elect. Sub Station		4271	
(g)	Laboratories		12813	
(h)	Boys Hostel-1	170 Students	47300	
(j)	Field Hostel	360 Students	91075	
(k)	Girls Hostel	48 Students	21552	
(l)	Faculty Accommodation(2BHK-3Blocks)	48 Unit	64657	
(m)	Faculty Accommodation(3BHK-1Blocks)	16 Unit	30000	
(n)	Guest House (Nirman-Sadan)		19000	
(o)	STP	1500KL/DAY		
(p)	Annapurna (Mess)		6888.9	
		Total	496392.9	

Distance Learning Centre

Our Hon'ble Chancellor Sri Manoj Gaur Ji has given us a wonderful gift in the form of DLC, due to which we have seen a positive change in the education of Students. His foresight and long-distance vision has proved that if we follow his footsteps and keep following his directions, then certainly University will reach at great heights. We are very thankful to him. His vision is to connect all our Four Universities.

Digital Learning centers consists of two numbers of classrooms (One is 60 capacity and other 120 students capacity).

A Digital Learning Centre is a dedicated space that integrates technology with education to create an interactive, engaging, and personalized learning environment. It provides students and faculty access to digital tools, online resources, virtual labs, e-books, simulations, and multimedia content that go beyond the limits of traditional classrooms.

These centres are designed to encourage self-paced learning and help learners develop essential 21st-century skills such as critical thinking, problem-solving, and digital literacy.

By bridging the gap between traditional teaching and modern educational demands, a Digital Learning Centre becomes a hub for innovation, creativity, and lifelong learning.

Note: -

- (a) Academic Block - Includes rooms and halls for all administrative officials & staff, Mini auditoriums, Computer lab of 90 desktop in place and cad lab of 30 desktop in place.
- (b) All hostels have spacious rooms with balcony, verandah and grazed courtyards.
- (c) Physics lab Electronics and one computer labs of 90 desktops are in place. Built space is ready for set up of more than thirty labs.
- (d) Library is in place with 1330 new books and reading area 76 seats.

Facilities and Utilities.

- (a) In-house Hospital Facility.
- (b) Photocopy and Printing
- (c) Sports-Outdoor/Indoor.
- (d) Transport.
- (e) Wi-Fi Campus.
- (f) A to Z Shop.
- (g) Cafeteria.

About the Faculty**Faculty of Engineering and Technology**

A Faculty of Engineering and Technology in a university is a vital academic division dedicated to fostering innovation, critical thinking, and practical skills in various engineering disciplines. It serves as a hub for advanced research, technological development, and the training of future engineers and innovators.

Core Focus and Curriculum:

The curriculum in a Faculty of Engineering and Technology is typically designed to provide a strong theoretical foundation coupled with extensive practical application. It covers a wide range of subjects, including:

- Fundamental Sciences: Mathematics, Physics, Chemistry, and sometimes Biology, forming the bedrock for engineering principles.
- Core Engineering Principles: Mechanics, thermodynamics, fluid dynamics, electrical circuits, materials science, computer programming, and engineering drawing.
- Specialized Engineering Disciplines: In-depth study within specific branches of engineering.
- Design and Project Work: Emphasizing problem-solving, innovation, and teamwork through hands-on projects, labs, and capstone design experiences.

- Professional Skills: Communication, ethics, project management, and interdisciplinary collaboration.
- Emerging Technologies: Many faculties now integrate courses on Artificial Intelligence (AI), Machine Learning (ML), Data Science, Robotics, Internet of Things (IoT), Electric Vehicles, Cybersecurity, and more.

Popular Departments and Programs Offered:

Faculties of Engineering and Technology typically house multiple departments, each specializing in a particular branch of engineering. They offer a range of programs:

- Undergraduate Programs (Bachelor of Technology - B.Tech or Bachelor of Engineering - B.E.):
 - Computer Science and Engineering (CSE): Software development, algorithms, data structures, artificial intelligence, machine learning, cybersecurity, cloud computing.
 - Electronics and Communication Engineering (ECE): Digital and analog electronics, telecommunications, signal processing, VLSI design, embedded systems.
 - Information Technology (IT): Focuses on software applications, network administration, database management, and information systems.
 - Specialized B.Tech Programs: B.Tech in AI & Data Science, B.Tech in Robotics & Automation, B.Tech in Cybersecurity, B.Tech in IoT, B.Tech in Fintech, B.Tech in Genetic Engineering, etc.

Faculty of Management and Commerce

A Faculty of Management and Commerce within a university is an academic division dedicated to providing education, training, and research in the broad and fields of business, finance, accounting, and management. These faculties aim to equip students with the knowledge, skills, and ethical understanding necessary to excel in the dynamic global business environment.

Core Focus and Curriculum:

The curriculum in a Faculty of Management and Commerce is designed to cover both foundational concepts and emerging trends. It typically includes:

- Commerce: This often encompasses subjects like financial accounting, cost accounting, corporate law, business economics, taxation (including GST), banking and insurance, and auditing.
- Management: This branch focuses on areas such as marketing, human resources management, operations management, supply chain management, financial management, business strategy, entrepreneurship, organizational behavior, and international business.
- Emerging Areas: Many faculties now offer specializations in contemporary fields like business analytics, data science, digital marketing, fintech, and cybersecurity management.

Programs Offered:

Faculties of Management and Commerce typically offer a range of programs at different levels:

- Undergraduate Programs:
 - Bachelor of Commerce (B.Com): Often offered with various specializations (e.g., B.Com Hons., B.Com in Accounting and Taxation, B.Com in Human Resources Management).
 - Bachelor of Business Administration (BBA): Provides a broad foundation in business principles and management, often with specializations like BBA in Logistics and Supply Chain Management, BBA in Data Science, or BBA in Digital Marketing.

- Postgraduate Programs:
 - Master of Business Administration (MBA): A highly popular postgraduate degree focusing on various management specializations (e.g., MBA in Finance, Marketing, HR, Business Analytics).
- Research Programs:
 - Ph.D. / D.Litt.: For students interested in advanced research and academia.

Faculty of Sciences

A Faculty of Sciences within a university is a fundamental academic division dedicated to the study, research, and advancement of knowledge in the core scientific disciplines. It serves as the bedrock for scientific inquiry, fostering critical thinking, analytical skills, and a deep understanding of the natural world and its underlying principles.

Core Focus and Curriculum:

The curriculum in a Faculty of Sciences is designed to provide a rigorous grounding in scientific methodology, theoretical concepts, and practical experimentation. It typically covers:

- Fundamental Principles: In-depth study of the basic laws and theories governing natural phenomena.
- Experimental Techniques: Extensive laboratory work to develop hands-on skills, data analysis, and scientific investigation.
- Mathematical and Statistical Tools: Strong emphasis on the mathematical and statistical foundations necessary for scientific analysis and modelling.
- Interdisciplinary Connections: Exploring the links between different scientific fields and their applications in solving real-world problems.
- Research Methodology: Training in designing experiments, collecting and interpreting data, and communicating scientific findings.

Popular Departments and Programs Offered:

Faculties of Sciences typically comprise several departments, each specializing in a distinct scientific field. They offer a range of programs:

- Undergraduate Programs (Bachelor of Science - B.Sc.):
 - Physics: Classical mechanics, electromagnetism, quantum mechanics, thermodynamics, optics, solid-state physics, astrophysics.
 - Chemistry: Organic chemistry, inorganic chemistry, physical chemistry, analytical chemistry, biochemistry, material science.
 - Mathematics: Algebra, calculus, differential equations, real analysis, complex analysis, discrete mathematics, statistics, probability.
 - Biology/Life Sciences: Botany, Zoology, Microbiology, Biotechnology, Biochemistry, Genetics, Environmental Science, Neuroscience.
 - Environmental Science: Ecology, conservation, pollution control, sustainable development, climate change.
 - Geology/Earth Sciences: Mineralogy, petrology, paleontology, geophysics, oceanography, climatology.
 - Statistics: Probability theory, statistical inference, regression analysis, data mining, statistical computing.

- Specialized B.Sc. Programs: B.Sc. in Data Science, B.Sc. in Forensic Science, B.Sc. in Food Technology, B.Sc. in Bioinformatics, etc.

Faculty of Humanities and Social Sciences

A Faculty or School of Humanities and Social Sciences (often abbreviated as HSS) within a university is a vital academic division dedicated to the study of human culture, society, behavior, and thought. It explores the complexities of human existence from diverse perspectives, fostering critical thinking, ethical understanding, and a nuanced appreciation of the world.

Core Focus and Curriculum:

The curriculum in Humanities and Social Sciences is inherently interdisciplinary, focusing on qualitative and quantitative analysis of human phenomena. It aims to develop:

- **Critical Thinking and Analysis:** The ability to analyze complex arguments, evaluate evidence, and form reasoned judgments.
- **Communication Skills:** Strong written and oral communication, essential for expressing complex ideas clearly and persuasively.
- **Research Methodology:** Training in various research approaches, from archival research and textual analysis to surveys, interviews, and statistical methods.
- **Cultural and Historical Understanding:** A deep appreciation for diverse cultures, historical contexts, and the evolution of human societies.
- **Ethical Reasoning:** The capacity to grapple with moral dilemmas and understand the ethical implications of human actions and societal structures.
- **Problem-Solving:** Applying theoretical frameworks to understand and address real-world social and cultural issues.

Popular Departments and Programs Offered:

Faculties of Humanities and Social Sciences typically house a wide array of departments, each specializing in a particular area. They offer a range of programs:

- **Undergraduate Programs (Bachelor of Arts - B.A., or sometimes B.Sc. for certain social sciences):**
 - **History:** Study of past events, civilizations, and the forces that shaped them (e.g., ancient, medieval, modern, world history, specific regional histories).
 - **Political Science:** Governance, political systems, international relations, public policy, political theory.
 - **Sociology:** Social structures, human behavior in groups, social institutions, social change, inequality, culture.
 - **Economics:** Microeconomics, macroeconomics, econometrics, development economics, public finance (often considered a social science, sometimes housed with business).
 - **Psychology:** Cognitive processes, human development, social behavior, abnormal psychology, research methods.
 - **English/Literature:** Analysis of literary texts, literary theory, creative writing, linguistics, drama.
 - **Philosophy:** Ethics, metaphysics, epistemology, logic, political philosophy, history of philosophy.
 - **Linguistics:** The scientific study of language, including phonetics, phonology, morphology, syntax, semantics.

- Anthropology: Human cultures, societies, and their development (cultural anthropology, biological anthropology, archaeology, linguistic anthropology).
- Geography: Human-environment interactions, spatial analysis, urban geography, physical geography.
- Journalism and Mass Communication: Media studies, reporting, editing, public relations, advertising, media ethics.
- Public Administration: Principles and practices of public sector management, policy implementation.
- International Relations: Global politics, diplomacy, international law, conflict resolution.
- Social Work: Practice-based profession promoting social change, development, cohesion, and empowerment.
- Languages: Modern foreign languages (e.g., French, German, Spanish, Chinese, Japanese) and classical languages (e.g., Sanskrit, Latin, Greek).
- Performing Arts: Music, Dance, Drama (often includes theoretical and historical study alongside practical training).
- Fine Arts: Visual arts, art history, art theory.
- Doctoral Programs (Ph.D.): For students pursuing original research, contributing new knowledge to their field, and aiming for careers in academia, policy analysis, or specialized research roles.

Faculty of Mathematics and Computer Applications

A Faculty of Mathematics and Computer Applications (often abbreviated as FMCA or similar variations, sometimes combined with Sciences) within a university is an academic division dedicated to the rigorous study of mathematical principles and their practical application through computational methods. This faculty is crucial in an increasingly data-driven and technology-reliant world, providing foundational knowledge and cutting-edge skills.

Core Focus and Curriculum:

The curriculum in a Faculty of Mathematics and Computer Applications is designed to blend theoretical depth with practical problem-solving. It typically covers:

- **Mathematical Foundations:** A strong emphasis on pure and applied mathematics, providing the analytical and logical backbone for advanced computation and data analysis.
- **Computational Principles:** The core concepts of computer science, including programming, algorithms, data structures, and computer architecture.
- **Problem-Solving:** Developing the ability to model real-world problems mathematically and solve them using computational tools and techniques.
- **Algorithmic Thinking:** Training in designing efficient and effective algorithms for various applications.
- **Data Analysis and Modeling:** Equipping students with the skills to analyze large datasets, extract insights, and build predictive models.
- **Software Development:** Practical experience in developing software solutions for diverse needs.
- **Emerging Technologies:** Integration of contemporary areas such as Artificial Intelligence (AI), Machine Learning (ML), Data Science, Cybersecurity, Cloud Computing, and Blockchain, often with a strong mathematical underpinning.

Popular Departments and Programs Offered:

A Faculty of Mathematics and Computer Applications typically houses departments that specialize in these intertwined fields. They offer a range of programs:

- Department of Mathematics:
 - Undergraduate Programs (B.Sc. in Mathematics): Focus on pure mathematics (algebra, analysis, topology) and applied mathematics (differential equations, numerical analysis, mathematical modeling, operations research).
 - Postgraduate Programs (M.Sc. in Mathematics): Advanced study in various mathematical branches, often with specializations in areas like financial mathematics, computational mathematics, or statistics.
 - Doctoral Programs (Ph.D. in Mathematics): For advanced research in pure or applied mathematics.
- Department of Computer Applications:
 - Undergraduate Programs (Bachelor of Computer Applications - BCA): A professional degree focusing on software development, programming languages, database management, web development, and fundamentals of computer science. It's often seen as a stepping stone to an MCA or MBA.
 - Postgraduate Programs (Master of Computer Applications - MCA): A popular professional master's degree that builds upon a BCA or similar undergraduate degree, offering in-depth knowledge in advanced programming, software engineering, data science, AI/ML, cybersecurity, and more.
 - Master of Science (M.Sc.) in Computer Science / IT / Data Science: These programs often have a stronger theoretical or research focus than the MCA, delving deeper into specific areas like algorithms, machine learning theory, or theoretical computer science.
 - Doctoral Programs (Ph.D. in Computer Applications / Computer Science): For advanced research in various computational fields.
- Interdisciplinary Programs (often offered jointly):
 - B.Sc./M.Sc. in Data Science: Strong mathematical and statistical foundations combined with computational techniques for data analysis.
 - B.Sc./M.Sc. in Actuarial Science: A highly specialized program that uses mathematical and statistical methods to assess risk in finance and insurance.
 - B.Sc./M.Sc. in Financial Mathematics/Computational Finance: Applies advanced mathematical and computational techniques to financial markets.

ACADEMIC DEPARTMENTS: -

(1) CSE Department

1. Annual report for 2024-25 for Jaypee University - Anoopshahr is to be prepared (Period covering from 01 Jul 24 to 30 Jun 2025). Therefore, following details are required: -

(a) Write up of the Departments CSE

Dr. Nishant Shrivastava

B.Tech, M.Tech, PhD (JUET, Guna)

Image processing, Computer Vision and Information retrieval.

Dr. Suman Saha

MSc. Maths (Calcutta University), M.Tech (ISI Kolkata), PhD (JUIT Wajnaghat)

Artificial Intelligence, Machine Learning, Complex Network, Cryptography

Dr. Kapil Sharma

B.E, M.Tech (DAIICT) PhD (IIT, Jodhpur)

Data Center Network, Wireless adhoc network, Network Protocol Designing, Algorithms and complexity

Mr. Rahul Kumar Gupta

B.Tech, M.Tech (NIT Hamirpur)

Artificial Intelligence, Machine Learning, Full Stack, Python Programming

Mrs. Vandana Gupta

B.Tech, M.Tech, Ph.D (Pursuing)

Image processing, Computer Vision and Information retrieval

VISION

The objective of Computer science and Engineering Department is to equip students with latest skills in the field of technologies supplemented with Practical Orientation to face challenges of modern computing industry.

MISSION

The Computer Science Department strives for excellence in creating, applying, and imparting knowledge in computer science and engineering through comprehensive educational programs, research in collaboration with industry and government, dissemination through scholarly publications, and service to professional societies, the community, the state, and the nation.

The Computer Science and Engineering program will prepare its graduates to be successful and contributing professionals in diverse career paths:

- 1) Being able to apply the principles of computer science and adapt emerging technologies to analyse and solve real world problems.
- 2) Being effective communicators and team members.
- 3) Being active in their profession and participate in continuing education opportunities to foster personal and organizational growth.

➤ **Department and Facilities**

- Four instructional labs with 276 computers and licensed software's.
- Class rooms equipped with projectors
- High speed LAN network
- Faculty offices equipped with computers
- Web kiosk for consistent monitoring and evaluation of students
- Network drive for students and faculties.
- Access to research journals(On/Off Line)

➤ **Facilities including Labs of the department**

Jaypee University, Anoopsahar

CS LAB 1 (WORKSHOP)

Details of Desktop Systems

There are 90 (Ninety) HP Desktops in Computer Laboratory

Desktop (HP) – 90 Desktop Systems

Configuration-Intel Core i5@6500 3.2GHz, 8 GB RAM,1 TB/ 7200 HDD, NVIDIA GeForce, DVDRW, TFT, USB Keyboard & Mouse

Model No - HP 280 G2

Installed Operating System & Other Application Software's

MS-Windows 10 (newly formatted)

Mr. Dhitrendra Kumar Sharma (Senior Lab Technician)

Date:- 14th May 2025

Jaypee University, Anoopsahar

CS LAB 2 (ACAD A-305)

Details of Desktop Systems

There are 90 (Ninety) HP Desktops in Computer Laboratory

Desktop (HP) – 60 Desktop Systems

Configuration- Intel Core i5-4590S@3.0.GHz 3.30GHz, 500 GB HDD,4 GB RAM, TFT, USB Keyboard & Mouse

Model No - HP 280 G1 MT

Desktop (HP) – 30 Desktop Systems

Configuration - Intel Core i5-6500@3.20.GHz 3.19GHz, 1 TB HDD, 8 GB RAM,TFT, USB Keyboard & Mouse

Model No - HP 280 G2 MT

Installed Operating System & Other Application Softwares

60 Desktop Systems -

MS-Windows_7, Adobe Reader_11, Open Office_4.0.1, Symantec Antivirus, Scilab_5.5.2, Turbo C++, WinRAR_5.10,WinSCP-5.9.3,StarUML_V2.7.0,Maxima_5.39,Codeblocks_13.12,jdk-8u111-windows-x64_2, netbeans-8.2, Oracle 10g,python-3.11.4-amd64, pycharm-community-2021.2.2, Foxit Reader 5

Cisco Packet Tracer_7.0, VLC Media Player, XAMPP Server, RStudio

30 Desktop Systems -

MS-Windows_10, MS Office_13, python-3.11.4-amd64, pycharm-community-2021.2.2, codeblocks-25-03

jdk-8u111-windows-x64_2, jdk-20.0.1, netbeans-8.2, mysql-8.4.4-winx64, Cisco Packet Tracer_7.0

Mr. Dhirendra Kumar Sharma

(Senior Lab Technician)

Date:- 14th May 2025

Jaypee University, Anoopsahar	
CS LAB 3 (ACAD A-406)	
Details of Desktop Systems	
There are 60 (Sixty) HP Desktops in Computer Laboratory	
Desktop (HP) – 60 Desktop Systems	
Intel Core i7-7700@3.60.GHz 3.60GHz, 1 TB HDD, 8 GB RAM, 19 TFT, USB Keyboard & Mouse	
Model No - HP 280 G3 MT)	
Installed Operating System & Other Application Softwares	
MS-Windows_10, MS Office_13, python-3.11.4-amd64, pycharm-community-2021.2.2, codeblocks-25-03 jdk-8u111-windows-x64_2, jdk-20.0.1, netbeans-8.2, mysql-8.4.4-winx64, Adobe Reader_11, Open Office_4.0.1, Scilab_5.5.2, Foxit_Reader, Turbo_C++, WinRAR_5.10, StarUML_V2.7.0, netbeans-8.2, Anaconda_3, Cisco Packet Tracer_7.0, Android Studio, VS Code, Mongo DB, Node JS, VLC Media Player, XAMPP Server, MS Office_13, Mingw	
Mr. Dharendra Kumar Sharma	
Date:- 14th May 2025	(Senior Lab Technician)

Jaypee University, Anoopsahar	
CS LAB 4 (ACAD A-404)	
Details of Desktop Systems	
There are 36 (Thirty Six) Lenovo Desktops in Computer Laboratory	
Desktop (LENOVO) – 36 Desktop Systems	
Configuration- Intel Core i3-3220@3.3.GHz 3.30GHz, 500 GB HDD, 4 GB RAM, TFT, USB Keyboard & Mouse	
(Model No - 71Y3522)	
Installed Operating System & Other Application Softwares	
MS-Windows 7, Adobe Reader 11, Open Office 4.0.1, Symantec Antivirus, Scilab 5.5.2, Turbo C++, WinRAR_5.10, StarUML_V2.7.0, Maxima_5.39, Codeblocks_13.12, jdk-8u111-windows-x64_2, netbeans-8.2, MS Office 13, RStudio	
Mr. Dharendra Kumar Sharma	
Date:- 14th May 2025	(Senior Lab Technician)

b) Faculty Publications year wise and dept wise (Head of the Department).

(i) Indexed in Scopus.

(ii) Others.

(iii) Not indexed in Scopus/Web of science/dblp but having impact factors.

Note: - As per the enclosed format.

S. No.	Title of paper	Authors	Type Journal / Patent/ Book .
<u>CSE Department</u>			
(a)	Incorporating Retroactive Operations in Large temporal Databases Using Retroactive B Tree.	Dr. Suman Saha	Journal of Information Technology and Management
(b)	Algorithms for Smart World Technologies	Dr. Suman Saha	Wiley Publisher
(c)	An AI and IOT Based Navigating and Assistance Application System for managing Large Scale Environments	Dr.Nishant Shrivastava	Patent Government of India

(c) Faculty Activities (HOD).

(i) External/Internal participation in seminars, symposiums, conferences, workshop. Format is as under:-

S No	Event	Organizer	Place	Dates	Name of Faculty	Remark
1	Python Boot Camp	CSE Department, JUA	Anoopshahr	21-27 April 2025	Mr. Rahul Kumar Gupta	
2	AWS Training Workshop	CSE Department, JUA	Anoopshahr	29 April 2025	Mrs. Vandana Gupta	
3	Tech Talk on DevOps and LLMOps	CSE Department, JUA	Anoopshahr	23 November 2024	Dr. Suman Saha	
4	Code Quest Competition	CSE Department, JUA	Anoopshahr	5 December 2024	Dr. Kapil Sharma	
5	Invited Talk on Cyber Security Awareness	CSE Department, JUA	Anoopshahr	7 November 2024	Dr. Nishant Shrivastava	
6	Expert Talk on Image Processing and Computer Vision	DBPS College	Anoopshahr	24 March 2025	Dr. Nishant Shrivastava	
7	Expert Talk on AI in Finance	IICAI	Bulandshahr	26 April 2025	Dr. Nishant Shrivastava	
8	Guest Lecture on NetworkX in Python	DIT	Dehradun	10 October 2024	Dr. Suman Saha	

(e) Details Various Hubs.

(i) Coding Hub.

(2) CA Department

1. Annual report for 2024-25 for Jaypee University - Anoopshahr is to be prepared (Period covering from 01 Jul 24 to 30 Jun 2025). Therefore, following details are required:-

(a) Write up of the Department of Computer Applications

Mrs. Nikita Agrawal

B.Tech, M.Tech, Ph.D (Pursuing)

Image processing, Computer Vision and Information retrieval & Data Mining

VISION

The objective of Computer Applications Department is to equip students with latest skills in the field of technologies supplemented with Practical Orientation to face challenges of modern computing industry.

MISSION

The Computer Applications Department strives for excellence in creating, applying, and imparting knowledge in computer science and engineering through comprehensive educational programs, research in collaboration with industry and government, dissemination through scholarly publications, and service to professional societies, the community, the state, and the nation.

The Computer Applications program will prepare its graduates and post graduates to be successful and contributing professionals in diverse career paths:

- 4) Being able to apply the principles of computer science and adapt emerging technologies to analyze and solve real world problems.
- 5) Being effective communicators and team members.
- 6) Being active in their profession and participate in continuing education opportunities to foster personal and organizational growth.

➤ **Department and Facilities**

- Four instructional labs with 276 computers and licensed software's.
- Class rooms equipped with projectors
- High speed LAN network
- Faculty offices equipped with computers
- Web kiosk for consistent monitoring and evaluation of students
- Network drive for students and faculties.
- Access to research journals (On/Off Line)

➤ **Facilities including Labs of the department**

Jaypee University, Anoopsahar	
CS LAB 1 (WORKSHOP)	
Details of Desktop Systems	
There are 90 (Ninety) HP Desktops in Computer Laboratory	

Desktop (HP) – 90 Desktop Systems	
Configuration-Intel Core i5@6500 3.2GHz, 8 GB RAM,1 TB/ 7200 HDD, NVIDIA GeForce, DVDRW, TFT, USB Keyboard & Mouse	
Model No - HP 280 G2	
Installed Operating System & Other Application Software's	
MS-Windows 10 (newly formatted)	
Mr. Dheerendra Kumar Sharma (Senior Lab Technician)	
Date:- 14th May 2025	
Jaypee University, Anoopsahar	
CS LAB 2 (ACAD A-305)	
Details of Desktop Systems	
There are 90 (Ninety) HP Desktops in Computer Laboratory	
Desktop (HP) – 60 Desktop Systems	
Configuration- Intel Core i5-4590S@3.0.GHz 3.30GHz, 500 GB HDD,4 GB RAM, TFT, USB Keyboard & Mouse	
Model No - HP 280 G1 MT	
Desktop (HP) – 30 Desktop Systems	
Configuration - Intel Core i5-6500@3.20.GHz 3.19GHz, 1 TB HDD, 8 GB RAM,TFT, USB Keyboard & Mouse	
Model No - HP 280 G2 MT	
Installed Operating System & Other Application Softwares	
60 Desktop Systems -	
MS-Windows_7, Adobe Reader_11, Open Office_4.0.1, Symantec Antivirus, Scilab_5.5.2, Turbo C++, WinRAR_5.10,WinSCP-5.9.3,StarUML_V2.7.0,Maxima_5.39,Codeblocks_13.12,jdk-8u111-windows-x64_2, netbeans-8.2, Oracle 10g,python-3.11.4-amd64, pycharm-community-2021.2.2, Foxit Reader 5	
Cisco Packet Tracer_7.0, VLC Media Player, XAMPP Server, RStudio	
30 Desktop Systems -	
MS-Windows _10, MS Office_13, python-3.11.4-amd64, pycharm-community-2021.2.2, codeblocks-25-03	
jdk-8u111-windows-x64_2, jdk-20.0.1, netbeans-8.2, mysql-8.4.4-winx64, Cisco Packet Tracer_7.0	
Mr. Dheerendra Kumar Sharma	
Date:- 14th May 2025	(Senior Lab Technician)

विद्या तत्त्व ज्योतिसमः

Jaypee University, Anoopsahar

CS LAB 3 (ACAD A-406)

Details of Desktop Systems

There are 60 (Sixty) HP Desktops in Computer Laboratory

Desktop (HP) – 60 Desktop Systems

Intel Core i7-7700@3.60.GHz 3.60GHz, 1 TB HDD, 8 GB RAM, 19 TFT, USB Keyboard & Mouse

Model No - HP 280 G3 MT)

Installed Operating System & Other Application Softwares

MS-Windows_10, MS Office_13, python-3.11.4-amd64, pycharm-community-2021.2.2, codeblocks-25-03
jdk-8u111-windows-x64_2, jdk-20.0.1, netbeans-8.2, mysql-8.4.4-winx64, Adobe Reader_11, Open
Office_4.0.1, Scilab_5.5.2, Foxit_Reader, Turbo_C++, WinRAR_5.10, StarUML_V2.7.0, netbeans-8.2,
Anaconda_3, Cisco Packet Tracer_7.0, Android Studio, VS Code, Mongo DB, Node JS, VLC Media Player,
XAMPP Server, MS Office_13, Mingw

Mr. Dhitrendra Kumar Sharma

(Senior Lab Technician)

Date:- 14th May 2025

Jaypee University, Anoopsahar

CS LAB 4 (ACAD A-404)

Details of Desktop Systems

There are 36 (Thirty Six) Lenovo Desktops in Computer Laboratory

Desktop (LENOVO) – 36 Desktop Systems

Configuration- Intel Core i3-3220@3.3.GHz 3.30GHz, 500 GB HDD, 4 GB RAM, TFT, USB Keyboard & Mouse

(Model No - 71Y3522)

Installed Operating System & Other Application Softwares

MS-Windows 7, Adobe Reader 11, Open Office 4.0.1, Symantec Antivirus, Scilab 5.5.2, Turbo C++,
WinRAR_5.10, StarUML_V2.7.0, Maxima_5.39, Codeblocks_13.12, jdk-8u111-windows-x64_2, netbeans-
8.2, MS Office 13, RStudio

Mr. Dheerendra Kumar Sharma

(Senior Lab Technician)

Date:- 14th May 2025

c) Faculty Publications year wise and dept wise (Head of the Department).

(i) Indexed in Scopus.

(ii) Others.

(iii) Not indexed in Scopus/Web of science/dblp but having impact factors.

Note: - As per the enclosed format.

S. No.	Title of paper	Authors	Type Journal / Patent/ Book .
CA Department			
(a)	Theoretical Validation of Class Cohesion Metrics	Mrs. Nikita Agrawal	Zenith International Journal of Multidisciplinary Research
(b)	Comparing Cohesion Metrics on Various Criteria's for Validation	Mrs. Nikita Agrawal	International Journal of Essential Science

(c) Faculty Activities (HOD).

(i) External/Internal participation in seminars, symposiums, conferences, workshop. Format is as under:-

S No	Event	Organizer	Place	Dates	Name of Faculty	Remark
1	Python Boot Camp	CSE Department, JUA	Anoopshahr	21-27 April 2025	Mr. Rahul Kumar Gupta	
2	AWS Training Workshop	CSE Department, JUA	Anoopshahr	29 April 2025	Mrs. Vandana Gupta	
3	Tech Talk on DevOps and LLMOps	CSE Department, JUA	Anoopshahr	23 November 2024	Dr. Suman Saha	
4	Code Quest Competition	CSE Department, JUA	Anoopshahr	5 December 2024	Dr. Kapil Sharma	
5	Invited Talk on Cyber Security Awareness	CSE Department, JUA	Anoopshahr	7 November 2024	Dr. Nishant Shrivastava	
6	Expert Talk on Image Processing and Computer Vision	DBPS College	Anoopshahr		Dr. Nishant Shrivastava	
7	Expert Talk on AI in Finance	IICAI	Bulandshahr		Dr. Nishant Shrivastava	
8	Guest Lecture on NetworkX in Python	DIT	Dehradun	10 October 2024	Dr. Suman Saha	

(e) Details Various Hubs.

(i) Coding Hub.

(3) Department of Life Sciences

Annual report for 2024-2025 for Jaypee University Anoopshahr is to be prepared (Period covering from 01 Jul 2024 to 31 May 2017).

(a) Departments Life Sciences

The Department of Life Sciences at Jaypee University Anoopshahr is dedicated to provide high-quality education in biological and related fields, preparing students for diverse career opportunities. Life sciences encompass a broad scope and represent one of the most promising areas of research today. The department offers undergraduate programs in Life Science (Botany and Zoology), aligned with the National Education Policy (NEP). Additionally, the Department of Life Sciences boasts a team of qualified educators with strong academic backgrounds from institutions such as AMU, and DU.

Dr. Sumit Kumar

Ph.D. (Zoology) 2021 Aligarh Muslim University (A.M.U)

M.Sc. (Zoology) 2015 A.M.U

Dr. Jatin Kumar

Ph.D. (Botany) 2021 University of Delhi (DU)

M.Sc. (Botany) 2013 University of Delhi (DU)

VISION

The Department of Life Sciences at Jaypee University Anoopshahr aims to acquire fundamental knowledge of biology and bio-techniques to build capacity for addressing current global challenges.

MISSION

- To train and transform students into thinking researchers/ professionals who are able to integrate theoretical knowledge and analytical skills in diverse areas of Biology.
- To make students and faculties updated with advance techniques and to introduce the students to dynamic environment of bioscience.
- To introduce various skill development courses thereby enhancing the employability and providing opportunities for industry-academia collaboration.

➤ **Department and Facilities**

To facilitate hands on training and increase the practical knowledge of students, Zoology, Botany and Chemistry labs with necessary instruments are made available to the students. Amenities such as microscopy, animal and plant specimen handling and preservation, UV Spectrophotometer, Microwave oven, Heating plates, Ultrasonicator, pH meter, Conductivity meter, Weighing balance, Distillation unit, Centrifuge, Autoclave, Beckman thermometer, hydroponics and other advanced techniques are available for the students. The students are also given the exposure of the engineering workshop to encourage interdisciplinary learning.

विद्या तत्त्व ज्योतिसमः

➤ Facilities including Labs of the department

Jaypee University, Anoopsahar	
Zoology Lab	
Details of instruments	
No. of Desktop	One with Installed Operating System & Other Application Softwares
Major instruments	Microscopes (Dissecting, Monocular and Binocular) Weighing balance, pH meter, Heating plate, Centrifuge, Water bath, and pathological instruments.
Others	Glassware and Consumable items.
Dr. Sumit Kumar (Subject Coordinator)	
Date:- 15 th May 2025	

Jaypee University, Anoopsahar	
Botany Lab	
Details of Instruments	
Major Instruments: Double distillation unit, Water bath, Rotary shaker, Binocular microscope, Compound microscope, Dissecting microscopes, Oven, pH Meter, Autoclave, weighing balance.	
Others: Glassware and Consumable items.	
Dr. Jatin Kumar (Subject Coordinator)	
Date:- 15 th May 2025	

d) Faculty Publications year wise

(i) Indexed in Scopus.

(ii) Others.

(iii) Not indexed in Scopus/Web of science/dblp but having impact factors.

Note: - As per the enclosed format.

S. No.	Title of paper	Authors	Name of Journal / Proc.	Indexed
<u>Life Sciences Department</u>				
(a)	Description of five new and four known species	Sumit Kumar & Wasim Ahmad	European Journal of Taxonomy	Scopus

	of <i>Dorylaimellus</i> Cobb, 1913 with perioral disc (Nematoda: Belondiroidea) from Western Ghats of India.		(EJT)	
(b)	Recent advancements in utilizing plant-based approaches for water and wastewater treatment technologies	Jatin Kumar, Megha Choudhary, Pritam Kumar Dikshit, Sanjay Kumar	Cleaner Water (Elsevier)	Others

(c) **Faculty Activities (HOD).**

(i) External/Internal participation in seminars, symposiums, conferences, workshop. Format is as under:-

S. No.	Event	Organizer	Place	Dates	Name of Faculty	Remark
1	Organized a Guest lecture	Department of Life Sciences, Jaypee University	Anoopshahr	13 th May, 2025	Dr. Jatin Kumar	
2	IP Awareness/ Training program	Intellectual Property Office, India	Online	16 th April 2024	Dr. Jatin Kumar	
3	IP Awareness/ Training program	Intellectual Property Office, India	Online	6 th September 2024	Dr. Sumit Kumar	
4	e-FDP on 'Current Bioprocess Technology, Products and Opportunities'	K.L. University	Online	29 th June 2024 to 3 rd July, 2024	Dr. Jatin Kumar	

(4) Electronics Engineering Department (VLSI)

1. Annual report for 2024-25 for Jaypee University - Anoopshahr is to be prepared (Period covering from 01 Jul 24 to 30 Jun 2025). Therefore, following details are required:-

(a) Write up of the Electronics Engineering Department

Dr. Varun Kumar Singhal
B.Tech, M.Tech, PhD (IITR)
VLSI Design, IOT, Robotics

Mr. Siddharth Jain
B.Tech, M.Tech(NIT-Hamirpur)
VLSI Design, Analog & Mixed Signal Design, Embedded Systems, Robotics & Automation

VISION

The objective of Electronics Engineering Department is to equip students with latest skills in the field of technologies supplemented with Practical Orientation to face challenges of modern computing industry.

MISSION

The Electronics Engineering Department strives for excellence in creating, applying, and imparting knowledge in electronics engineering and engineering through comprehensive educational programs, research in collaboration with industry and government, dissemination through scholarly publications, and service to professional societies, the community, the state, and the nation.

The electronics engineering program will prepare its graduates to be successful and contributing professionals in diverse career paths:

- 7) Being able to apply the principles of electronics engineering and adapt emerging technologies to analyse and solve real world problems.
- 8) Being effective communicators and team members.
- 9) Being active in their profession and participate in continuing education opportunities to foster personal and organizational growth.

➤ **Facilities including Labs of the department**

Jaypee University, Anoopsahar	
Electrical Sciences Lab (WORKSHOP)	
Details of Apparatus(Equipment)	
There are 18 experimental setup for students(CRO,multiple power supply, project board ,Function generator, Digital Multimeter)	
18 experimental setup configuration :	
CRO	: MAKE Scientific 30 Mhz model no. SM203G
FUNCTION GENERATOR	: MAKE Scientific 3 Mhz AM FM generator model no. SM5074
POWER SUPPLY	: MAKE Scientific multiple power supply PSD 3304
PROJECT BOARD	: MAKE Vijayanta Project Board BB12
DIGITAL MULTIMETER	: MAKE Scientific DMM 7022
Mr. Tarun Kumar (Senior Lab Technician)	
Date:- 14th May 2025	
Jaypee University, Anoopsahar	
Digital Electronics lab (WORKSHOP)	
Details of Experimental Kit	
There are 10 digital trainer Kit	
10 experimental setup : make vinytics DL-DTKP Analog & Digital trainer Kit	

	Mr. Tarun Kumar (Senior Lab Technician)
Date:- 14th May 2025	

- e) Faculty Publications year wise and Dept wise (Head of the Department).
- (i) Indexed in Scopus.
 - (ii) Others.
 - (iii) Not indexed in Scopus/Web of science/dblp but having impact factors.

Note: - As per the enclosed format.

S. No.	Title of paper	Authors	Type Journal / Patent/ Book.
EE Department			
(a)	Enhancing performance of a photomultiplication-based broadband photodetector with porphyrin MOF-ZnO nano composit.	Dr. Varun Kumar Singhal	Journal (Organic Electronics)

(c) Faculty Activities (HOD).

- (i) External/Internal participation in seminars, symposiums, conferences, workshop. Format is as under:-

S No	Event	Organizer	Place	Dates	Name of Faculty	Remark
1						
2						
3						

(e) Details Various Hubs.

- (i) Tinkering Hub.

(5) Department of Mathematics

1. Annual report for 2024-25 for Jaypee University - Anoopshahr is to be prepared (Period covering from 01 Jul 24 to 30 Jun 2025). Therefore, following details are required:-

- (a) Write up of the Department of Mathematics

Dr. Amit Kumar Verma (HOD)

Ph.D (Mathematics) 2022 MNNIT Allahabad

M.Sc..(Mathematics and Scientific Computing) 2015 MNNIT Allahabad

B.Sc. (PCM) 2013 Dr. RML Avadh University Faizabad.

VISION

The objective of Mathematics Department is to equip students with latest skills in the field of mathematics with Practical Orientation to face challenges of modern computing industry.

MISSION

The Mathematics Department strives for excellence in creating, applying, and imparting knowledge in science and engineering through comprehensive educational programs, research in collaboration with industry and government, dissemination through scholarly publications, and service to professional societies, the community, the state, and the nation.

The B.Sc. program will prepare its graduates to be successful and contributing professionals in diverse career paths:

- 10) Being able to apply the principles of Mathematics and adapt emerging technologies to analyze and solve the real world problems.
- 11) Being effective communicators and team members.
- 12) Being active in their profession and participate in continuing education opportunities to foster personal and organizational growth.

➤ **Department and Facilities**

- One instructional labs with 90 computers and licensed software's.
- Class rooms equipped with projectors.
- High speed LAN network.
- Faculty offices equipped with computers.
- Web kiosk for consistent monitoring and evaluation of students.
- Network drive for students and faculties.
- Access to research journals (On/Off Line).

➤ **Facilities including Labs of the department**

Jaypee University, Anoopsahar		
Academic 1 (Computer Lab)		
Details of Desktop Systems		
There are 90 (Ninety) HP Desktops in Computer Laboratory		
Configuration: Intel(R) Core(TM) i5 CPU@ 3.0 GHz, 4.00 GB RAM , 500 GB HDD, 17" LCD TFT USB Mouse & USB Keyboard.		
Installed Operating System & Other Application Softwares		
MS-Windows 7, Adobe Reader 11, Open Office 4.0.1, Symantec Antivirus, Scilab 5.5.2, Turbo C++, WinRAR 5.10, WinSCP-5.9.3, StarUML V2.7.0, Maxima 5.39, Codeblocks 13.12, jdk-8u111-windows-x64_2, netbeans-8.2		
		1. Mr. Dharendra Kumar Sharma (Lab Tech)
Date:- 15th May 2025		

- f) Faculty Publications year wise and dept. wise (Head of the Department).
 (i) Indexed in Scopus.
 (ii) Others.
 (iii) Not indexed in Scopus/Web of science/dblp but having impact factors.

Note: - As per the enclosed format.

S. No.	Title of paper	Authors	Name of Journal / Proc.	Indexed
<u>Maths Department</u>				
(a)	Numerical investigation of unsteady magnetohydrodynamic flow of a Newtonian fluid with variable viscosity in an inclined channel	Amit Kumar Verma	Physics of Fluids	SCI (https://scholar.google.com/citations?view_op=view_citation&hl=en&user=R52EjrQAAAAJ&citation_for_view=R52EjrQAAAAJ:pS0ncopqnHgC)
(b)	(BOOK CHAPTER) Numerical Analysis of Nanoparticle Diffusion: Solving Time-Fractional Klein-Gordon Equations with the Laplace Homotopy Perturbation Method	Amit Kumar Verma, Maju Kashyap, Surbhi Gupta, H.D. Arora.	(BOOK) Recent Developments in Fractional Calculus: Theory, Applications, and Numerical Simulations	
(c)	(Presented in Conference) Analysis of two non-miscible electrically conducting micropolar fluid flow through an inclined porous channel.	Amit Kumar Verma, Pramod Kumar Yadav	(Conference Detail) International Conference on Recent Advance in Mathematics and Data Sciences at MANIT Bhopal	
(d)	(International Symposium) on Recent Trends in Applied Mathematics in Science and Engineering	Chetana Sharma	International Symposium	

Faculty Details:

1. Dr. Amit Kumar Verma (M.Sc., PhD), Assistant Professor.
2. Dr. Chetana Sharma (M.Sc., PhD), Assistant Professor.
3. Dr. Arvind Rajput (M.Sc., PhD), Visiting Faculty

(6) Department of Social Sciences

1. Annual Report for 2024-25 for Jaypee University - Anoopshahr
 (Period covering from 01 Jul 2024 to 30 Jun 2025)

(a) Department of Social Sciences

Head of Department: **Mr Saurabh Misra**, MBA (UGC NET, 1999)

Faculty Members:

Ms. Paroma Ray

Ph.D. Political Science, University of Delhi (Ongoing)

Areas of Expertise: Politics of Digital Economy, Comparative Politics

Dr. Shiv Kumar

M.Phil.-Ph.D. (January, 2021), Central University Punjab, Bathinda

Areas of Expertise: India's Maritime Security in Indo-Pacific region, Geopolitics in South Asia, International & Political Theory, International Relations, Indian Foreign Policy and India's National Security etc.

VISION

The objective of the Social Sciences Department is to equip students with critical analytical skills and interdisciplinary knowledge to address contemporary societal challenges, fostering a deep understanding of social dynamics and human behavior through research and practical application.

MISSION

The Social Sciences Department strives for excellence in creating, applying, and imparting knowledge through comprehensive educational programs, collaborative research with academic and community partners, dissemination through scholarly publications, and service to professional societies, the community, the state, and the nation. The program prepares graduates to:

- Apply social science theories and methodologies to analyze and address real-world social issues.
- Be effective communicators and collaborative team members in diverse professional settings.
- Engage actively in their profession and pursue continuous learning for personal and societal growth.

Department and Facilities

- Classrooms equipped with projectors and smart boards.
- High-speed LAN network for seamless connectivity.
- Faculty offices equipped with computers and access to online research databases.
- Web kiosk for consistent monitoring and evaluation of student progress.
- Network drive for shared resources among students and faculty.
- Access to research journals (online and offline subscriptions).

Faculty Activities:

Ms. Paroma Ray

1. Presented a paper titled "Gender, Gig-Work and Precarity: Insights from India's Digital Economy" at the 'National Seminar on Politics in the Digital Era: State, Society and Economy' organized by Atma Ram Sanatan Dharma College, University of Delhi (27th & 28th February 2025)
2. Gave a talk titled "Women's Movement in Contemporary India" under the lecture series titled "Spectrum: Talks on Gender and Sexuality" organized by Manipal Academy of Higher Education on 27th September 2024

(i) External/Internal Participation in Seminars, Symposiums, Conferences, Workshops

Format:

S. No.	Event	Organizer	Place	Dates	Name of Faculty	Remark
1	Workshop On Communication Skills	ICAI, Bulandshahr Chapter	Bulandshahr	26 April 2025	Saurabh Misra	Resource Person

(6) Department of Chemistry

Annual report for 2024-25 for Jaypee University - Anoopshahr is to be prepared (Period covering from 01 Jul 24 to 30 Jun 2025). Therefore, following details are required:-

About the Department

The Department of Chemistry was started with an objective of providing quality education in the conventional areas of Science and growing into a centre for teaching and research with an aim to acquire prominent position in the academic map of India. The Department offers various courses in B.Sc. Physical and Life Sciences. The students are monitored and evaluated by regular class tests, seminars, assignments, mid and end-semester examinations.

The department has one laboratory possessing necessary chemicals, reagents, glassware, lab wares and basic instruments for performing experiments in physical, inorganic, organic and analytical chemistry, in general and synthesis, analysis (qualitative and quantitative) and characterization of different inorganic and organic compounds in more particulars.

Faculty & Staff

1. Dr. Nitin Kumar Sharma (HOD)

Ph.D (Chemistry) 2018 from Central University of University
PDF (Elastomer) 2024 FROM Indian Institute of Technology Kanpur
Department of Chemistry, Jaypee University Anoopshahr

2. Dr. Fawad Ansari (Visiting Faculty)

Assistant Professor
Department of Chemistry, Jaypee University Anoopshahr

3. Mr. Gyanesh Sharma

Sr. Lab Technician
Department of Chemistry
Jaypee University Anoopshahr

VISION

Our vision is to impart exemplary education and promote pioneering research in cutting-edge areas of interdisciplinary fields, with a focus on enriching core areas of chemistry through best-in-class learning practices.

MISSION

Our mission is to maintain a department that is regarded as equal to any in terms of its relevance of teaching and research, its quality of support and facilities and the learning opportunities and working experience it offers.

- 13) To foster the exceptional education in chemical sciences.
- 14) Collaboration with industry, and reputed national and international institutions in teaching and research.
- 15) Interaction with eminent alumni and peers in the industry to inspire and educate diverse audiences about the impact and importance of chemistry.
- 16) Collective learning practices by teachers and students to meet the evolving needs of the nation.

Department and Facilities

In addition to classroom facilities, the Chemistry Department offers an academic laboratory equipped with both major and minor instruments to support academic and research activities.



Laboratory Facilities of Chemistry Lab

Major Equipment



UV Visible Spectrophotometer
(LABMAN Double Beam UV-Vis.
Spectrophotometer - LMSPUV1920)



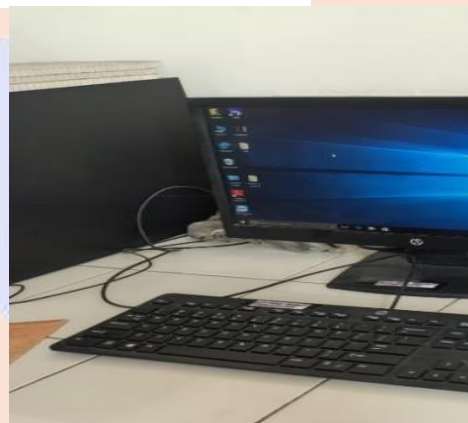
Ultrasonicator (LABMAN Digital
Ultrasonic cleaner (LMUC3))



Hot Air Oven (Up to 200°C) and
Distillation Chamber



Micro balance and Heating Plates



Potentiometer



BOD Incubator

Minor Equipment

S.No.	Equipment Name	Quantity
1.	Digital PH meter	2
2.	Heating Plates (12"X18"X7")	4
3.	Electronic Balance	2
4.	Conductivity Meter	2
5.	Heating Mantle	2
6.	Heating Mantle Element	4
7.	TDS Meter	2
8.	Water Bath	2
9.	Laboratory Shaker	1
10.	Fridge 180 liter	1
11.	Desktop attached with UV Visible Spectrophotometer	1
12.	Desktop attached with Potentiometer	1
13.	Desktop for maintaining the record and other academic purpose	1

Faculty Publications year and deptt wise (Head of the Department).

(i) Indexed in Scopus.

(ii) Others.

(iii) Not indexed in Scopus/Web of science/dblp but having impact factors.

Note: As per the enclosed format.

Faculty Activities (HOD)

External/Internal participation in seminars, symposiums, conferences, workshop. Format is as under:-

S N o	Event	Organizer	Place	Dates	Name of Faculty	Remark
1.	Symphony: Perspective of Science for Today's Youth.	Department of PMSE, JIIT Noida	Noida	3 rd April 2025	Dr. Nitin Kumar Sharma	
2.	Invited speaker: FDP	Department of	Madan	21-25 th	Dr. Nitin Kumar	

	on Progress in Composite Materials & Applications (PCMA-2025)	Mechanical Engineering	Mohan Malaviya Technical University Gorakhpur	April 2025	Sharma	
3.	SPOC Felicitation cum awareness workshops	NPTEL-SWAYAM, IIT Kanpur	Manav Rachna International Institute Of Research And Studies, Faridabad	2 nd March 2025	Dr. Nitin Kumar Sharma	
4.	Science Day 2024	Green Hub, JYC	Department of Chemistry Jaypee University Anoopshahr	28 th Feb 2025	Dr. Nitin Kumar Sharma	
5.	UV Visible Spectrophotometer workshop	Department of Chemistry	Department of Chemistry Jaypee University Anoopshahr	12 th April 2024	Dr. Nitin Kumar Sharma	
6.	Workshop on Intellectual Property Right (IPR)- Patent & Design to- Jaypee University	Department of Chemistry	Jaypee University Anoopshahr	16 th April 2024	Dr. Nitin Kumar Sharma	
7.	Poster/ Model Competition For Sustainable Environment	Green Hub, JYC	Department of Chemistry Jaypee University Anoopshahr	16 th April 2024	Dr. Nitin Kumar Sharma	
8.	World Water Day 2024	Green Hub, JYC	Department of Chemistry Jaypee University Anoopshahr	22 nd March 2024	Dr. Nitin Kumar Sharma	
9.	Science Day 2024	Green Hub, JYC	Department of Chemistry Jaypee University Anoopshahr	28 th Feb 2024	Dr. Nitin Kumar Sharma	

(7) Department of Commerce

The Department of commerce was set up in 2016 with the aim to provide quality education and to enable the students to carve a niche for themselves in the specialized field of commerce. The department focuses on Accounting, Auditing, Finance, Marketing, Human Resource Management, Taxation, Banking and Insurance, Corporate/Business Laws and International Business.

The faculty places emphasis on learning through projects, seminars, presentations and workshops which help students to acquire skills in line with the requirements of a competitive global work environment as well as social and cultural values. Currently department of Commerce is offering 3/4 Year undergraduate program in Commerce (B.Com), B.Com (Hons.) and B.Com. (Hons. with research) as per FYUGP guidelines and NEP-2020.

The program was initiated in 2016 .The program offered by the Faculty has gained wide recognition and acceptance among the industry resulting in excellent placement year after year. Our students have been placed with some renowned employers in the country. The program provides holistic knowledge and skills

in the fields of Accounting, Auditing, Finance, Marketing, Human Resource Management, Taxation, Corporate/Business Laws and International Business.

Students who successfully complete an undergraduate programme in commerce may choose to work as a financial analyst in various areas of accounting, a cost accountant, an investment banker, a business consultant, a sales executive, an insurance consultant, a market research analyst, a digital marketer, an HR executive, an entrepreneur, etc.

Dr. Rahul Kumar (Head of the Department)

M.Com. (Finance), Ph.D., UGC NET (JRF), CA-Finalist,

Ex. Program Financial Analytics (IIM Jammu)

Specialisation: Accounting and Finance

Program offered under Department:

- **B.Com.**
- **B.Com. (Hons.)**
- **B.Com. (Hons. with Research)**

Department and Facilities

- Class rooms equipped with projectors
- High speed LAN network
- Faculty offices equipped with computers
- Web kiosk for consistent monitoring and evaluation of students
- Network drive for students and faculties.
- Access to research journals (On/Off Line).



S. No.	Name of the Faculty	Date	Title	Details of the event
1.	Dr. Rahul Kumar	7-8 Sep	Invited Speaker: Investor	Organised by IEPFA,

		2024	Education and Protection Fund Authority (IEPFA) , Annual Conference, Ministry of Corporate Affairs, “Role of Financial Education in promoting Investor Awareness and Protection	Ministry of Corporate Affairs
2.	Dr. Rahul Kumar	April 2024	Invited Speaker: Investor Education and Protection Fund Authority (IEPFA) Ministry of Corporate Affairs. Financial Literacy Program	Financial Literacy Program, Organised by IEPFA, Ministry of Corporate Affairs
3	Dr. Rahul Kumar	28-29 March 2025	Key Note Speaker and Technical session chair: National Conference, DPBS sponsored by UP Higher Education Department	DPBS College Anoopshahr
4	Dr. Rahul Kumar	30 July 2024	Invited Talk: Wealth Wisdom: Financial literacy awareness and investor protection in digital age, DPBS Anoopshahr	Organised by Department of Commerce, DPBS College Anoopshahr
5.	Dr. Rahul Kumar	Jan 2024	Title of Research Paper Published: The Impact of Corporate Governance (CG) on Firm Performance: Evidence from Emerging Countries Banking Industry January 2024 Copernican Journal of Finance & Accounting 12(2) DOI: 10.12775/CJFA.2023.009	Atul Bansal, Durga Prasad Samontaray, Rahul Kumar
6.	Dr. Rahul Kumar	21 February 2025	Participation in AIMA’s 69th Foundation Day & 19th National Management Day ‘India tomorrow: Unlocking industry, innovation, talent’	Organized by AIMA, New Delhi





Faculties Activities:

Research Paper, Book Chapter, Invited Talks, Workshops, seminars, symposiums, conferences Attended (National and International)

Activities organized by the Department:

S. No.	Date	Title	Details of the event
1.	14 Dec 2024	Workshop on Financial Modeling: By CA CFA Sahil Bajaj	Organised by Department of Management

Name of Faculty

Dr. Rahul Kumar, Assistant Professor

Mr. Nikhil Kumar (Visiting Faculty)

Mr. Hiteshwar (Visiting Faculty)

(8) Department of Management

1. Annual report for 2024-25 for Jaypee University - Anoopshahr is to be prepared (Period covering from 01 Jul 24 to 30 Jun 2025). Therefore, following details are required:-

(a) Write up of the Department:

The Department of Management at Jaypee University is a dynamic hub for business education, offering a range of undergraduate and postgraduate programs designed to equip students with essential managerial skills and industry-relevant knowledge. The department provides BBA, BBA (Honors), and BBA (Honors with Research) programs, fostering foundational and advanced business acumen. At the postgraduate level, the MBA program offers dual specializations in HR, Marketing, Finance, IT, and Business Analytics, blending theoretical insights with practical applications. With a focus on innovation, leadership, and global perspectives, the department prepares students for successful careers in diverse business environments. All the programs offered by the department are in compliance with NEP- 2020.

Dr. Himanshu Rajput (HOD)

MBA, PhD (Central University of Himachal Pradesh)

Marketing and Consumer Psychology

VISION

Our vision is to be a preeminent destination for management education and research, equipping our students with

the knowledge, skills, and values to lead with purpose, drive innovation, and make a positive impact on the society and global business landscape.

MISSION

Our mission is to empower our students to become responsible and visionary leaders who drive innovation, create sustainable value, and contribute to the betterment of society through ethical and impactful decision-making.

➤ Department and Facilities

- Class rooms equipped with projectors
- High speed LAN network
- Faculty offices equipped with computers
- Web kiosk for consistent monitoring and evaluation of students
- Network drive for students and faculties.
- Access to research journals (On/Off Line).

g) Faculty Publications year wise and deptt wise (Head of the Department).

(i) Indexed in Scopus.

(ii) Others.

(iii) Not indexed in Scopus/Web of science/dblp but having impact factors.

Note: - As per the enclosed format.

S. No.	Title of paper	Authors	Name of Journal / Proc.	Indexed
Department of Management				
(a)	Social Capital: Evolution, Contestation, Application and Digitization (Book)	Dr. Mudit Kumar Singh	Social Capital: Evolution, Contestation, Application and Digitization (Emerald)	Google Scholar

(c) Faculty Activities (HOD).

(i) External/Internal participation in seminars, symposiums, conferences, workshop. Format is as under:-

S. No.	Event	Organizer	Place	Dates	Name of Faculty	Remark
1	AIMA's 69th Foundation Day & 19th National Management Day 'India tomorrow: Unlocking industry, innovation,	AIMA, New Delhi	New Delhi	21 February 2025	Dr. Himanshu Rajput	

	talent'					
2	Online Workshop on “Intellectual Property Rights (IPR) & Patents and Design filing”	Jaypee University Anoopshahr In association with Rajiv Gandhi National Institute of Intellectual Property Management (RGNIIPM), Government of India, Nagpur.	Online	06 September 2024	Dr. Mudit Kumar Singh	

(9) Department of Life Sciences

Annual report for 2024-2025 for Jaypee University Anoopshahr is to be prepared (Period covering from 01 Jul 2024 to 31 May 2017).

(b) Departments Life Sciences

The Department of Life Sciences at Jaypee University Anoopshahr is dedicated to provide high-quality education in biological and related fields, preparing students for diverse career opportunities. Life sciences encompass a broad scope and represent one of the most promising areas of research today. The department offers undergraduate programs in Life Science (Botany and Zoology), aligned with the National Education Policy (NEP). Additionally, the Department of Life Sciences boasts a team of qualified educators with strong academic backgrounds from institutions such as AMU, and DU.

Dr. Sumit Kumar

Ph.D. (Zoology) 2021 Aligarh Muslim University (A.M.U)

M.Sc. (Zoology) 2015 A.M.U

Dr. Jatin Kumar

Ph.D. (Botany) 2021 University of Delhi (DU)

M.Sc. (Botany) 2013 University of Delhi (DU)

VISION

The Department of Life Sciences at Jaypee University Anoopshahr aims to acquire fundamental knowledge of biology and bio-techniques to build capacity for addressing current global challenges.

MISSION

- To train and transform students into thinking researchers/ professionals who are able to integrate theoretical knowledge and analytical skills in diverse areas of Biology.

- To make students and faculties updated with advance techniques and to introduce the students to dynamic environment of bioscience.
- To introduce various skill development courses thereby enhancing the employability and providing opportunities for industry-academia collaboration.

➤ **Department and Facilities**

To facilitate hands on training and increase the practical knowledge of students, Zoology, Botany and Chemistry labs with necessary instruments are made available to the students. Amenities such as microscopy, animal and plant specimen handling and preservation, UV Spectrophotometer, Microwave oven, Heating plates, Ultrasonicator, pH meter, Conductivity meter, Weighing balance, Distillation unit, Centrifuge, Autoclave, Beckman thermometer, hydroponics and other advanced techniques are available for the students. The students are also given the exposure of the engineering workshop to encourage interdisciplinary learning.

➤ **Facilities including Labs of the department**

Jaypee University, Anoopsahar	
Zoology Lab	
Details of instruments	
No. of Desktop	One with Installed Operating System & Other Application Softwares
Major instruments	Microscopes (Dissecting, Monocular and Binocular) Weighing balance, pH meter, Heating plate, Centrifuge, Water bath, and pathological instruments.
Others	Glassware and Consumable items.
Dr. Sumit Kumar (Subject Coordinator)	
Date:- 15 th May 2025	

Jaypee University, Anoopsahar	
Botany Lab	
Details of Instruments	
Major Instruments: Double distillation unit, Water bath, Rotary shaker, Binocular microscope, Compound microscope, Dissecting microscopes, Oven, pH Meter, Autoclave, weighing balance.	
Others: Glassware and Consumable items.	
Dr. Jatin Kumar (Subject Coordinator)	
Date:- 15 th May 2025	

h) Faculty Publications year wise

(i) Indexed in Scopus.

(ii) Others.

(iii) Not indexed in Scopus/Web of science/dblp but having impact factors.

Note: - As per the enclosed format.

S. No.	Title of paper	Authors	Name of Journal / Proc.	Indexed
<u>Life Sciences Department</u>				
(a)	Description of five new and four known species of <i>Dorylaimellus</i> Cobb, 1913 with perioral disc (Nematoda: Belondiroidea) from Western Ghats of India.	Sumit Kumar & Wasim Ahmad	European Journal of Taxonomy (EJT)	Scopus
(b)	Recent advancements in utilizing plant-based approaches for water and wastewater treatment technologies	Jatin Kumar, Megha Choudhary, Pritam Kumar Dikshit, Sanjay Kumar	Cleaner Water (Elsevier)	Others

(c) Faculty Activities (HOD).

(i) External/Internal participation in seminars, symposiums, conferences, workshop. Format is as under:-

S. No.	Event	Organizer	Place	Dates	Name of Faculty	Remark
1	Organized a Guest lecture	Department of Life Sciences, Jaypee University	Anoopshahr	13 th May, 2025	Dr. Jatin Kumar	
2	IP Awareness/ Training program	Intellectual Property Office, India	Online	16 th April 2024	Dr. Jatin Kumar	
3	IP Awareness/ Training program	Intellectual Property Office, India	Online	6 th September 2024	Dr. Sumit Kumar	
4	e-FDP on 'Current Bioprocess Technology, Products and Opportunities'	K.L. University	Online	29 th June 2024 to 3 rd July, 2024	Dr. Jatin Kumar	

(10) Mechanical Engineering Department

1. Annual report for 2024-25 for Jaypee University - Anoopshahr is to be prepared (Period covering from 01 Jul 24 to 30 Jun 2025). Therefore, the following details are required:-

(a) Write-up of the Mechanical Engineering Department

Jaypee University, Anoopsahar	
Engineering Drawing and Design (Academic Block A)	
Details of Apparatus (Equipment)	
There are Drawing Boards and Models	
Educational chart multicolor 30"x40"	11
Educational wall chart for Drawing 30"x40"	7
Drawing board	30
Wooden Model shapes	12
	Mr. Aarif (Lab Assistant)
Date:- 14th May 2025	Mr. Irfan (Lab Assistant)

(i) Indexed in Scopus.

(ii) Others.

(iii) Not indexed in Scopus/Web of science/dblp but having impact factors.

Note: - As per the enclosed format.

Annual Report 2024-25

(d)	Multi-objective analysis of solid-state joints: Effect of tool pin shoulder clearance on thick dissimilar aluminum plates, Journal of Mechanics, 2024, Oxford University Press, https://doi.org/10.1093/jom/ufae022 .	Deepika Mishra	Journal of Mechanics
(e)	Optimization of Tensile Strength in AA6063 Friction Stir Welds using ANOVA and ANFIS: A Statistical Analysis of Process Parameters, Mechanika, Vol 30(6), December 2024, pp 260-267, https://doi.org/10.5755/j02.mech.33779	Deepika Mishra	Journal of Mechanics
(f)	Harmonizing Ethics and Innovation: Integrating Buddhist Philosophy into the Development of Artificial Intelligence, International Conference on History of Buddhism and Buddhist Philosophy (ICHBBH 2024), Akshara Multidisciplinary International Research Journal, 1-2 December 2024	Deepika Mishra	International Conference on History of Buddhism and Buddhist Philosophy

(c) Faculty Activities (HOD).

(i) External/Internal participation in seminars, symposiums, conferences, workshop. Format is as under:-

S No	Event	Organizer	Place	Dates	Name of Faculty	Remark
1	International Conference on Mechanical and Materials Engineering	Jaypee University of Engineering Technology Guna	Guna	28-30 April 2025	Ram Kumar	International Conference
2						
3						

(e) Details Various Hubs.

- (i) Sports Hub.
- (ii) Tinkering Hub.

(11) Department of Arts

1. Annual report for 1 July 2024-30 June, 2025 for Jaypee University - Anoopshahr. Therefore, following details are required:-

Dr. Riya Rana (HOD)

PhD (English Language Teaching), A.M.U
M.A in English Language Teaching, A.M.U
B.A (Hons.) in Communicative English A.M.U

VISION

The Department of Arts at JUA aims to inculcate in its students the undying quest for seeking knowledge and challenging the limits. For this, we provide a dynamic atmosphere where students learn through culture, creativity, self-discovery and critical inquiry as they get ready to be a global citizen in an ever changing world.

MISSION

The Department of Arts offers a three years BA degree programme/ BA (Hons.) with Research/ BA (Hons.) without Research/ based on a curriculum that aligns with NEP 2020 and FYUGP guidelines 2022 respectively. We are well equipped with excellent faculties who are experts in their respective disciplinary areas and are continuously engaged in honing the students' intellectual and critical thinking skills. We prioritize ensuring the students' holistic development through an amalgamation of theory and practice, across various subjects. Student centred class instruction and discussion, experiential learning and critical thinking are all part of our teaching methodology, well situated within an inclusive curriculum.

➤ **Department and Facilities**

- Well facilitated class rooms
- High speed LAN network
- Faculty offices equipped with computers
- Web kiosk for consistent monitoring and evaluation of students
- Placement drive for students and faculties.

j) Faculty Publications year wise and deptt wise (Head of the Department).

(i) Indexed in Scopus.

(ii) Others.

(iii) Not indexed in Scopus/Web of science/dblp but having impact factors.

Note:- As per the enclosed format.

S. No.	Title of paper	Authors	Name of Journal / Proc.	Indexed
<u>Department of Arts</u>				
(a)	Teaching ESL through English Literature and Culture, (2019)	Dr. Riya Rana	Literary Insight : A Refereed International Journal	
(b)	Stylistics in Language and Literature, (2018)	Dr. Riya Rana	Veda's Journal of English Language and Literature: A Peer Reviewed International Research	
C)	Identity in Second Language Learning. Journal of Emerging Technologies and Innovative Research, (2018)	Dr. Riya Rana	An International Open Access Journal	

(c) Faculty Activities (HOD).

(i) External/Internal participation in seminars, symposiums, conferences, workshop. Format is as under: -

S No	Event	Organizer	Place	Dates	Name of Faculty	Remark
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1	N/A	N/A	N/A	N/A	N/A	
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FACULTY PUBLICATIONS YEAR WISE AND DEPARTMENT WISE

Faculty Publications year wise and Department wise as under: -

S. No.	Title of paper	Authors	Name of Journal/Proc.	Indexed
<u>Electronic & Communication Engineering</u>				
1.	ϕ FrMF: Fractional Fourier Matched Filter	S. Kumar and Rajiv Saxena	Circuit, Systems and Signal Processing	
2	Tandem repeats detection in DNA sequences using Kaiser Window based adaptive S-Transform	Sunil D. Sharma, Rajiv Saxena and Sanjeev Narayan Sharma	Bio-Algorithms and Med-Systems	
<u>Computer Science & Engineering</u>				
S.No.	Title of the Paper	Authors	Name of the Journal	Indexed
(a)	A Trident Extensible Multiprocessor Network	Shaifali Agarwal, Shivangi Agarwal, Amit Kumar ,Dr. Nishant Srivastava	International Journal of Engineering Research and Application, Vol. 8, Issue 6 (Part -III) June 2018, pp 46-53 (IJTRD)	Google Scholar/DOAJ
(b)	Hyperloop: An Efficient Linearly Extensible Network	Shivam Chaudhary , Gaurav Raj and N. K. Gupta	International Journal of Trend in Research and Development (IJTRD), ISSN: 2394-9333, Volume 4, Issue 6, pp. 497-501, December 2017.	Google Scholar/DOAJ
(c)	Cloud Computing Software Testing Research Advancements	Nirmal Kumar Gupta & Mohammad Qasim Rafiq	International Journal of Computer Applications (IJCA), ISSN: 0975 – 8887, Volume 179, Issue 9, pp. 28-32, January 2018.	Google Scholar/DOAJ
(d)	Addressing Security Issues and Challenges in Mobile Cloud Computing	Nirmal Kumar Gupta & Gaurav Raj	International Journal of Computer Applications Technology and Research (IJCATR), ISSN: 2319 – 8656,	Google Scholar/DOAJ

		Volume 7, Issue 4, pp. 158-162, April 2018.	
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Physics

1				Nanofiller - incorporated porous polymer electrolyte for micro energy storage devices	Nitish Yadav, Kuldeep Mishra , S.A. Hashmi	High Performance Polymers , vol. 30, pp. 957-970, 2018.	SCI, Scopus etc
Mechanical Engineering							
S.No.	Title	Journal Name	Date	Author(s)	Index		
1.	Efficient computation of interfacial flow	International journal of science & engineering research	vol. 8, pp 1718-1725, 2017. (ISSN 2229-5518)	Ram Kumar , B. alaji Srinivasan	Scopus		
Humanities and Social Sciences							
1.	Spouse role in buying decision making of automobiles and its impact on marketing strategies	AGU International Journal of Management Studies and Research	Volume 05, Jul-Dec 2017	P.R. akhi Pandey	UGC approved Journal		
2							
				Ion transport studies in nanocomposite polymer electrolyte membrane of PVA-[C ₄ C ₁ Im][HSO ₄]-SiO ₂	S.S Pundir, Kuldeep Mishra , D.K. Rai	J Solid State Electrochem , vol. 22, pp. 1801-1815, 2018.	SCI, Scopus etc

External participation in seminars, symposiums, conferences, workshop.

S. No.	Event	Organizer	Place	Dates	Name of Faculty	Remark
ECE						
(a)	International Conference on Signal Processing and Communications	JIIT, Noida	Noida, Uttar Pradesh, India	21 to 23 March 2018	Prof. Rajiv Saxena	Edge Detection with FrFT
(b)	FPD on Research Avenues and Trends on DSP – Computational	HCST Mathura	Mathura, UP, India	08 June 2018	Prof. Rajiv Saxena	DSP: Integral Transforms

	Algorithms and Architectures					
Physics						
1	Studies of doped LaMnO ₃ samples prepared by citrate combustion process	M. Chandra Dimri, H. Khanduri, A. Mere and R. Stern	AIP Conference Proceedings,	1942, 130015 (2018)		
2	Sodium Ion-Conducting Polymer Electrolyte Membrane Prepared by Phase Inversion Technique	Harshlata, Kuldeep Mishra , D. K. Rai	AIP Conf Proc,	vol... 19 42, p. 140050, 2018		
3	International Workshop on The Physics of Semiconductor Devices (IWPSD 2017)	IIT Delhi	Delhi, India	December 11th - 15 th , 2017	Dr. Mukesh Chandra	Study of Structural and Magnetic Properties of MnAl Thin Films on Si and GaAs Substrates Irradiated by H ⁺
4	62nd DAE Solid State Physics Symposium (DAE-SSPS 2017)	Bhabha Atomic research Centre (BARC)	Mumbai, India	December 26-30, 2017	Dr. Mukesh Chandra	Studies of doped LaMnO ₃ samples prepared by citrate combustion processes
5	International conference on Science and Engineering of Materials (ICSEM 2018)	Sharda University,	Greater Noida, India	January 06-08, 2018	Dr. Kuldeep Mishra	Conductivity Enhancement in Sodium Ion Conducting Gel Polymer Electrolyte
6	International conference on Science and Engineering of Materials (ICSEM 2018)	Sharda University,	Greater Noida, India	January 06-08, 2018	Dr. Kuldeep Mishra	Nanofiller Incorporated Porous Polymer Electrolyte for Electrochemical Energy Storage Devices
7	62nd DAE Solid State Physics Symposium 2017 (DAE-SSPS 2017)	Bhabha Atomic research Centre (BARC)	Mumbai, India	December 26-30, 2017	Dr. Kuldeep Mishra	Sodium Ion Conducting Polymer Electrolyte Membrane Prepared by Phase Inversion Technique
8	12th National Conference on	Birla Institute of Technology	Pilani, Rajasthan,	December 21-	Dr. Kuldeep	Structural and Electrical

	Solid State Ionics (NCSSI-12)	& Science (BITS)	India	23, 2017	Mishra	Properties of PVdF-HFP+NH ₄ CF ₃ SO ₃ - C ₄ C ₁ ImCF ₃ SO ₃ Proton Conducting Gel Polymer Electrolyte
9	12th National Conference on Solid State Ionics (NCSSI-12)	Birla Institute of Technology & Science (BITS)	Pilani, Rajasthan, India	December 21-23, 2017	Dr. Kuldeep Mishra	Structural and Conductivity Studies on Sodium Ion Conducting PVdF-HFP + NaPF ₆ -EC-PC Gel Polymer Electrolyte System
Humanity and Social Sciences						
1.	Spouse role in buying decision making of automobiles and its impact on marketing strategies	International Conference on Latest Innovation in Arts, Social Science & Humanities	28th September 2017	The International Centre Goa, Panjim, Goa (India)	Dr. Rakhi Pandey	

Delivered Talks by Faculty of Departments of:-

S. No.	Event	Organizer	Place	Dates	Name of Faculty	Remark
ME						
(a)	Scope of open source software in engineering education	Department of Mechanical Engineering	Amity University Noida.	26th Jun. 2018	Prof. Ghanshyam Singh	
ECE						
(a)	International Conference on Signal Processing and Communications	JIIT, Noida	Noida, Uttar Pradesh, India	26 th to 28 th Dec 2016	Prof. Rajiv Saxena	FRACTIONAL FOURIER TRANSFORM: A Tool for Many Applications
(b)	International Conference on Signal Processing	SATI, Vidisha	Vidisha, Madhya Pradesh, India	7 th – 9 th Nov., 2016	Prof. Rajiv Saxena	Integral Transforms : A VOYAGE
(c)	National Conference on	R. V. Institute of	Bijnor, Uttar Pradesh,	January 2017	Prof. Rajiv	Integral Transforms

	Advances in Electrical & Information Communication Technology	Technology, BIJNOR	India		Saxena	: The Workshops Where Signals Are Processed
(d)	A Talk Delivered in FDP	Thapar University, Patiala	Patiala, Punjab, India		Prof. Rajiv Saxena	MIMO: May I Make it Orderly

Conference, seminars, and talks, workshops conducted by the department:-

Mechanical Engineering Department

1. Organized a Seminar on "New Energy Technologies" under the aegis of The Institution of Engineers (India) student chapter, on 10th March 2018 and around more than hundred students were participated.

Speaker for Seminar:

Dr. S. P. Sharma – Deputy General Manager, NTPC Ltd, Darlipalli.

Project Continued:

Name of PI	Department	Amount Sanctioned	Subject/Project Title	Funding Agency
Dr. Kuldeep Mishra	Physics and Materials Science	INR 18,61,552/-	Development of Polymer Electrolyte Membranes based All-Solid-State Sodium Batteries	SCIENCE & ENGINEERING RESEARCH BOARD(SERB) (A statutory body of the Department of Science & Technology, Government of India)

(12) Physics and Materials Science & Engineering Department

1. Annual report for 2024-25 for Jaypee University - Anoopshahr is to be prepared (Period covering from 01 Jul 24 to 30 Jun 2025). Therefore, following details are required: -

(a) Write up of the Department of Physics and Materials Science & Engineering

The Department of Physics and Materials Science & Engineering at Jaypee University, Anoopshahr, plays a pivotal role in laying a strong scientific foundation for students across engineering and science disciplines. With a focus on academic excellence, interdisciplinary research, and industry-oriented applications, the department offers a dynamic environment for learning, innovation, and exploration.

Our faculty members are highly qualified, experienced, and deeply committed to teaching and research. The department actively engages in areas such as condensed matter physics, nanomaterials, magnetism, superconductivity, optical and thermal properties of materials, Atmospheric Physics, Astronomy and semiconductor physics. Cutting-edge topics such as quantum materials, smart polymers, and advanced ceramics are integrated into both undergraduate and postgraduate curricula to prepare students for emerging technologies and research challenges.

Laboratories equipped with modern instruments support a hands-on learning experience in core and elective courses. Students are encouraged to participate in research projects, workshops, and internships to enhance their scientific temperament and technical skills.

The department also contributes significantly to the foundational teaching of Physics for B.Tech. and B.Sc., ensuring that students acquire a deep understanding of fundamental principles and their real-world applications.

We strive to nurture a culture of curiosity, critical thinking, and innovation that empowers our students to excel in academia, research, and industry. Our alumni have gone on to pursue higher studies in reputed institutions and take up successful careers in science and engineering domains.

Dr. Mohit Sharma (HOD)

Ph.D (Physics) 2012 C.C.S. University, Meerut
M.Sc. (Physics) 2006 C.C.S. University, Meerut
B.Sc. 2004 C.C.S. University, Meerut

Dr. Priyanka A. Jha

Ex-Scientific Pool Officer (CSIR) IIT (BHU), 2020-2023
PhD (Physics) 2014 University of Delhi
M.Sc. (Physics) 2007 MDU Rohtak
B.Sc. 2005 MDU Rohtak
Energy Materials.

Dr. Sonali Sachdeva

PhD (Physics) 2016 University of Delhi
M.Sc. (Physics) 2009 University of Delhi
B.Sc. (Physics) 2007 University of Delhi

Dr. Shailendra Tripathi

PhD (ECE) 2019 MNIT, Jaipur
M.Tech. (Electronics Engineering) 2008 AMU Aligarh
M.Sc. (Electronics) 2004 UIET, CSJM University Kanpur
B.Sc. (Physics, Electronics, Maths) 2002 CSJM University Kanpur

VISION

To be a center of excellence in Physics and Materials Science and Engineering by fostering cutting-edge research, interdisciplinary innovation, and transformative education that empowers students and scholars to contribute meaningfully to science, technology, and society.

MISSION

To provide a robust and dynamic curriculum in physics and materials science that balances theoretical knowledge with practical skills, fostering critical thinking and scientific curiosity.

- 20) To cultivate a research-driven environment that encourages innovation in emerging areas such as nanomaterials, superconductors, smart materials, and quantum technologies.
- 21) To collaborate with academia, industry, and research institutions for the development of advanced materials and technologies addressing real-world challenges.
- 22) To mentor and develop competent professionals, researchers, and educators equipped to lead in academic, industrial, and governmental sectors.
- 23) To contribute to sustainable development and national growth by applying scientific knowledge and engineering solutions for the benefit of society.

➤ **Department and Facilities**

- One instructional and one research lab with the combined experimental and simulation facilities.
- Class rooms equipped with projectors
- High speed LAN network
- Faculty offices equipped with computers
- Web kiosk for consistent monitoring and evaluation of students
- Network drive for students and faculties.
- Access to research journals(On/Off Line)

➤ **Facilities including Labs of the department**

Jaypee University, Anoopshahr	
Workshop (Physics Lab)	
Details of Instruments	
To determine the wavelength of sodium light with the help of newton's ring	
To determine the wavelength of sodium light with the help of fresnel's bi prism	
To determine specific rotation of cane sugar solution by polarimeter	
To determine dispersive power of material of prism by spectrometer	
To determine the wavelength of different spectral lines by diffraction grating	
To study photoelectric effect and determine the plancks constant	
To determine the resistance per unit length of wire by carey foster bridge	
To study variation of magnetic field by helmholtz galvanometer	
To verify stefans law	
Malus law apparatus	
To determine the Band Gap in A semiconductor using PN-Junction diode	
To study the magnstriction in matellic rod with the help of Michelson Interferometer	
Four probe set up	
Apparatus for the measurement of susceptibility of paramagnetic solution by Quincks tube method	
E/M by thomson method	
Numerical aperture set up	
To study magnetoresistance of given semiconductor material	
E/M by magnetron valve method	
Hall effect experiment	
To study the variation of dielectric constant with temperature and curie temperature of ferroelectric ceramics	
Acceleration of gravity by viscosity appt	
Flywheel with counter	
Kater pendulum	

Jaypee University, Anoopshahr	
Workshop (Materials Physics Lab)	
Details of Instruments	
Potentiostat and Galvanostat for cell characterization	



Coin cell crimping machine for button cell fabrication

Cyclic Voltammetry with FRA in 2-electrode and 3 electrodes set up

Furnace up to 1400 degrees C, Oven with Hot plates

Weighing Balance



DFT simulations hardware and software

Spin Coater (under procurement)

Vacuum Oven (under procurement)

Date:- 20th May 2025

1. Mr. Satish Kumar (Sr. Lab Tech)

k) Faculty Publications year wise and deptt wise (Head of the Department).

(i) Indexed in Scopus.

(ii) Others.

(iii) Not indexed in Scopus/Web of science/dblp but having impact factors.

Note: - As per the enclosed format.

S. No.	Title of paper	Authors	Name of Journal / Proc.	Indexed
<u>PMSE Department</u>				
(a)	Hysteresis and Pyroelectric behaviour at isomorphous	Prem C. Bharti, Priyanka A. Jha , Pardeep K. Jha, and P. Singh	Journal of Physics: Condensed Matter	Scopus

	transition in Green CsSnI ₃			
(b)	Probing oxide ion conduction in La _{0.9-x} A _x Sr _{0.1} Al _{0.9} Mg _{0.1} O _{3-d} (A = Ba, Sm) electrolyte material with Pt and Ag as electrode	ON Verma, Priyanka A. Jha , Pardeep K. Jha and P. Singh	Journal of Electronic Materials Science and Technology,	Scopus
c)	Bandgap tuning for transition metal oxides via PEGylation	Priyanka A. Jha , Jay N. Mishra, Gargi Yadav, Harinder K Tanti, Ashish K Ranjan, Pardeep K. Jha and P. Singh	Journal of Physics D: Applied Physics	Scopus
d)	La _{0.5} Sr _{0.5} Fe _{0.5} Ti _{0.5} O ₃ as a Bifunctional Catalyst for H ₂ /O ₂ Fuel Cells: Towards Enhanced Stability and Electroactivity	Uma Sharma, Pardeep K. Jha, Priyanka A. Jha* , and P. Singh	Journal of the electrochemical society	Scopus
e)	Catalyzing Hydrogen Production: Exploring Plasmonic Effects in Self-Assembled CuO/Cu ₂ O Thin Films via Pulsed Laser Deposition	Ashish K Ranjan, Pardeep K. Jha, Priyanka A. Jha* and P. Singh	Journal of Applied Physics	Scopus
f)	Advancements in bifunctional catalysts for unitized regenerative fuel cells: exploring polaronic conduction and heterostructure designs	Uma Sharma, Pardeep K. Jha, Priyanka A. Jha* , and P. Singh	Journal of Physics D: Applied Physics	Scopus
g)	PVDF/Bi _{1.05} Fe _{0.92} Nb _{0.08} O ₃ based Bi-functional Catalysts for Fuel Cell applications	Yash Kaushik, Pardeep K. Jha, Priyanka A Jha* , R. K. Dwivedi	Annual International Congress on Renewable Energy, 2024 Oxford, United Kingdom	Scopus
h)	Metal-organic frameworks (MOFs) based nanomaterials for supercapacitor applications	Pardeep K. Jha, Priyanka A. Jha , and P. Singh	Book Title "Multidimensional Nanomaterials for Supercapacitors: Next Generation Energy Storage" Bentham Science Publishers(UAE). DOI:	Scopus

			10.2174/9789815223408124010015	
i)	Electrolytes for electrochemical energy storage supercapacitors	Priyanka A. Jha* , Pardeep K. Jha, and P. Singh	Book Title “Multidimensional Nanomaterials for Supercapacitors: Next Generation Energy Storage” Bentham Science Publishers(UAE). DOI: 10.2174/9789815223408124010015	Scopus
j)	Carbon Nanotube FETS: An Alternative for Beyond Si Devices	Shailendra Tripathi	Beyond Si-Based CMOS Devices Materials to Architecture, Springer, 2024, eBook ISBN 978-981-97-4623-1/Book chapter	Scopus (2024-25)
k)	Low Cost Modular Actuator Fabrication with aid of Additive Manufacturing, utilizing Brushless D.C. Motor and its Control Electronics for Robotics Journal of Mechanisms and Robotics,	Shailendra Tripathi	27th International Symposium on Wireless Personal Multimedia Communications, WPMC, 2024 (Accepted)	Scopus (2024-25)

(c) **Faculty Activities (HOD).**

(i) External/Internal participation in seminars, symposiums, conferences, workshop. Format is as under:-

S No	Event	Organizer	Place	Dates	Name of Faculty	Remark
1	one-week workshop titled "Mastering Physics with Software and AI"	Durga Prasad Baljeet Singh College, Anoopshahr	Anoops hahr	April 21 to April 25, 2025	Dr. Priyanka A. Jha	<u>Resource Person</u>
2	International Conference (Offline And Online) On Polymers, Composites, Nanocomposi	Mahatma Gandhi University, Kottayam Kerala	Kerala	8 th November, 2024	Dr. Priyanka A. Jha	<u>Invited Talk</u>

	tes & Biocomposites-2024 (ICPCNB-2024)					
3	International Conference (Offline And Online) On Polymers, Composites, Nanocomposites & Biocomposites-2024 (ICPCNB-2024)	Mahatma Gandhi University, Kottayam Kerala	Kerala	8 th November, 2024	Dr. Priyanka A. Jha	<u>Chaired a session</u>
4	Annual International Congress on Renewable Energy	Oxford, UK	UK	3 rd September, 2024	Dr. Priyanka A. Jha	<u>Distinguished Speaker</u>
5	Band Gap Engineering and its implications	Durga Prasad Baljeet Singh College, Anoopshahr	Anoops hahr	24 th July, 2024	Dr. Priyanka A. Jha	<u>Invited Talk</u>
6	NEP 2020 Orientation and Sensitization Programme	Malaviya Mission Centre of the Astronomy Centre for Educators of IUCAA.	Kottayam	21-29 th April, 2025	Dr. Priyanka A. Jha	<u>Participation</u>
7	Workshop on "Quantum Mechanics and its Applications	JIIT Noida	Noida	18-19 April 2025	Dr. Shailendra Tripathi	
8	Workshop on Low dimensional materials (WLDM-2025)	JIIT Noida	Noida	14-15 Feb 2025	Dr. Shailendra Tripathi	
9	FDP Program on "Emerging Trends in MEMS and Memory Devices for Next-Gen	VIT Vellore	Chennai Campus (Online)	28 April - 2 May 2025	Dr. Shailendra Tripathi	

	Electronics					
10	Chaired a Session for International Conference on Electrical Engineering and Computing Technologies (ICEECT-2024)	Sharda University	Greater Noida (Online)	29-31 Aug 2024	Dr. Shailendra Tripathi	
11	External Examiner for the Practical Examination Viva Voce	Sharda University	Greater Noida (Online)	23/04/2025	Dr. Shailendra Tripathi	
12	NEP 2020 Orientation and Sensitization Programme	Malaviya Mission Centre of the Astronomy Centre for Educators of IUCAA.	Kottayam	21-29 th April, 2025	Dr. Sonali Sachdeva	<u>Participation</u>
13	one-week workshop titled "Mastering Physics with Software and AI"	Durga Prasad Baljeet Singh College, Anoopshahr	Anoops hahr	April 21 to April 25, 2025	Dr. Sonali Sachdeva	<u>Resource Person</u>
14	National Seminar on the Future of Education in India Department of Higher Education, U.P. Government	Durga Prasad Baljeet Singh College, Anoopshahr	Anoops hahr	28th March to 29th March 2025	Dr. Sonali Sachdeva	<u>Invited Talk</u>
15	Workshop on Probing Stars and Galaxies using Innovative Tools	Department of Physics, Gauhati University Gauhati University, Assam	Assam	4 th to 6 th September, 2024	Dr. Sonali Sachdeva	<u>Invited Talk</u>
16	India Space Congress 2024	DST (Department of Science)	DST (Department of)	26th June to 28th June 2024	Dr. Sonali Sachdeva	

		and Technology , India The Lalit, New Delhi	Science and Technol ogy), India The Lalit, New Delhi			
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(e) Details Various Hubs.

1. Dr. Priyanka A. Jha is a Scientific member of the 2nd Annual International Congress on Renewable Energy March 25-26, 2025, Oxford, United Kingdom (Solar energy)/ Online, <https://eertc.com/scientific-committee-member/?pdb=4597>.

Library Department

1. Total No. of Books - 12596 (Till June 2025)
2. Deptt. wise Titles and Volumes - (01 Jul 2024 to 30 Jun 2025)

S.No	Department	Titles	Copies
1	Chemistry	8	60
2	Commerce	11	71
3	Computer Science & IT	52	359
4	Humanities and Social Science	49	155
5	Life Sciences	22	134
6	Mathematics	4	19
7	Management	41	189
8	Physics & Material Science	2	8
		189	995

3. Periodicals

a) Journals (International)	-	13
b) Journals (National)	-	31
c) Magazines	-	16

4. E-Resources

a) J-Gate (Journals)	-	27288
b) ScienceDirect (Journals)	-	294

5. Project Reports	-	13
6. Newspapers	-	8
7. CDs/DVDs	-	18
8. DELNET	-	Yes

DETAILS OF JYC (JAYPEE YOUTH CLUB)

This annual report presents a comprehensive overview of the events, drives, and competitions organized under the Jaypee Youth Club (JYC) umbrella, across all 9 hubs during the academic year. It includes Art and cultural, literary, coding, tinkering, green hub, social work hub, visual art and drama, media and movie and sports hub activities.

Chronological Event Summary (Academic Year 2024–25)

S.No.	Date	Event Name	Description	Winners / Titles
1.	09/11/2024	Le'Accueil (Freshers' Welcome)	Grand welcome ceremony for first-year students featuring performances, ramp walk, games, and introduction to campus culture.	Mr. Fresher: Naman Priya Sharma & Miss Fresher: Vani
2.	14–21/11/2024	Inter-House Volleyball Tournament	Held by Sports Hub, teams from boys and girls competed in league and final format.	Boys: Jaypee Majestic Hitters (Winners) Girls: Jaypee Flame Flyers (Winners)
3.	19/11/2024	Logo Design Competition	Creative design contest to represent the identity of JYC.	1st: Aarti Sharma 2nd: Rida Qamar 3rd: Yash Sharma
4.	23/11/2024	Tech Talk with Prashant Lakhera	A guest lecture by a Salesforce System Engineer on topics like DevOps, AIOps, and cloud engineering. Insightful session for tech enthusiasts.	Speaker: Prashant Lakhera (Salesforce, USA)
5.	25/11/2024	Debate Competition	Formal debating on contemporary issues judged for content, clarity, and argumentation.	Winners not specified
6.	26/11/2024	Mind Forge Quiz	Quiz contest testing general knowledge and logical reasoning.	1st: Algorithm Breakers, 2nd: Mind Masters, 3rd: Jaypee TechWave
7.	29/11/2024	Dance Competition	High-energy solo and group performances across genres.	1st: Nishu Kumari, 2nd: Disha Chaudhary, 3rd: Gurbani Kaur / Richa Bharti
8.	03/12/2024	Collage Making	Art competition focused on social and digital themes through collage design.	1st: Kavita Kumari, 2nd: Preeti Bansal, 3rd: Bhoomi Sharma
9.	05/12/2024	Code Quest	Competitive programming challenge assessing logic and accuracy.	1st: Mastermind 2nd: Jaypee TechWave, 3rd: Teammates
10.		Mobile	This category focused on extreme close-up shots of textures, insects, and objects. It taught students to	1st: Abhishek Singh 2nd: Parth Mittal 3rd: Akanksha

	05/12/2024	Photography (Macro)	find beauty in the minute and explore the power of mobile lenses.	Bhardwaj
11.	05/12/2024	Mobile Photography (Campus)	This category celebrated the scenic beauty of the Jaypee campus, including architecture, nature, and student life. Students submitted vibrant and creative frames captured on their phones.	1st: Harshita Bhardwaj 2nd: Naman Priya Sharma 3rd: Mayank Chaudhary
12.	06/12/2024	Solo Singing Competition	Vocal talent took center stage with students performing classical, Bollywood, and contemporary numbers. The event created a soulful and engaging environment with powerful solo renditions.	1st: Harikishan 2nd: Khushi 3rd: Priyanshu, Dushyant Kumar
13.	Dec 2024	Donation Drive (Social Work Hub)	The Social Work Hub organized a humanitarian drive to collect winter clothes, books, stationery, and essentials from students and faculty. The collected items were distributed to nearby orphanages and shelters, reinforcing the value of compassion and community service.	Over 200+ useful items donated to an NGO (AWAAZ). Active participation from all departments
14.	09/12/2024	Kho-Kho Tournament	Sports event with course-wise boys' teams and mixed girls' teams competing in fast-paced matches.	Boys Winners: Jaypee Swift Panthers Girls Winners: Jaypee Swift Chasers
15.	Last Week Jan 2025	Badminton Tournament	Singles, doubles, and mixed doubles categories held under Sports Hub.	Singles: Anant Rawal / Riyanshi Doubles: Rahul-Ravi / Riyanshi-Sneha Mixed: Anant-Gurbani
16.	06/02/2025	Double Trouble	A fun-filled event where participants competed in teams of two, engaging in synchronized challenges, mimicry, and interactive performances. The event promoted bonding and team coordination.	1st: Diksha & Prakriti / Sachin & Khushi 2nd: Riyanshi & Nisha
17.	08/02/2025	Web Wizards Challenge	Students displayed their front-end and back-end development skills in this web designing contest. Projects were judged on design, user interface, innovation, and functionality.	1st: Saamiyah Sheikh & Mansi Goyal 2nd: Ishan Sharma & Raj Jaiswal 3rd: Harshit Gard & Riya Chaudhary
18.	19/02/2025	Tinkerpreneur Challenge 2025	A creative ideation competition under the Tinkering Hub promoting startup ideas, prototypes, and social innovation to solve real-world	Participants pitched innovative ideas and business models

			problems.	
19.	20/02/2025	National Science Day Quiz	In celebration of innovation and discovery, this science-themed quiz tested students' knowledge in physics, chemistry, inventions, and Nobel laureates through interactive quiz formats.	Winners: Team Beta – 4 Members
20.	24–25/02/2025	Tug of War (Inter-Departmental)	Strength-based inter-departmental competition promoting teamwork and physical fitness.	Boys: Dept. of Math & CA (Winners) Girls: Jaypee Flame Flyers
21.	27/02/2025	Alfaaz 2025	A poetry and storytelling event that gave participants a platform to express emotions, social themes, and thoughts in the form of spoken word and recitals. A peaceful, expressive atmosphere welcomed literary lovers.	1st: Ravi 2nd: Sachin & Nishkarsh 3rd: Prakriti
22.	April 2025	Cricket Tournament	Inter-department cricket competition with knockout rounds for boys' teams.	Winners: Department of Engineering
23.	07–09/04/2025	Rapid Photography Competition	A three-day creative challenge where students submitted themed photos daily based on prompts. Judged on originality and storytelling through visual media.	Daily winners declared on social media handles
24.	11/04/2025	Rangoli Competition	Traditional floor art using vibrant colors and patterns.	Winners not specified
25.	13/04/2025	Convivial 2025 (Annual Fest)	The grandest event of the year! Based on the theme "Festivals of India," students displayed cultural diversity through stalls, ethnic wear, dance, food, and games. The fest concluded with a power-packed closing performance by BYOB Live Band , lighting up the night.	Participation: 1000+ students 1000+ attendees
26.	April 2025	Philosophize	Discussion and writing competition on philosophy and social thought.	Winners not specified
27.	21–27/04/2025	Python Bootcamp	A week-long technical bootcamp introducing students to Python fundamentals through lectures and hands-on labs.	Certificates provided to all participants
28.	29/04/2025	AWS Workshop	An insightful session conducted by Mr. Parul Kundra on AWS Cloud concepts including computing services, deployment models, and cloud-native application strategies. The workshop was attended by	Speaker: Mr. Parul Kundra Participants: 200 students across departments

			cloud enthusiasts and aspiring developers.	
29.	Throughout Year	Sports Hub Matches (Basketball, TT, Athletics, Cricket)	Series of inter-departmental sports matches to encourage physical well-being and team spirit.	Multiple winners across categories including Srajan, Gurbani, Kashish, Arvind, Himanshi, etc.
30.	01/05/2025	Bharat Bodh – Cultural Quiz	A quiz competition aimed at exploring and celebrating India's diverse cultural heritage, including its festivals, languages, and traditions.	Participants showcased deep knowledge of Indian culture and tradition
31.	07/05/2025	Farewell 2025	A heartfelt send-off to the graduating batch. The event included memory-sharing, speeches, performances, and fun titles. Seniors were appreciated for their journey, and the night was filled with nostalgia and emotions.	<ul style="list-style-type: none"> ❁ Mr. Farewell: Pradeep ❁ Miss Farewell: Chhavi
32.	24/05/2025	Group Photograph	A Celebration of collective effort and shared purpose.	Participated: tudents of graduating batches from all the departments with faculties and staff

विद्या तत्त्व ज्योतिसमः

IT-Infrastructure Details (Hardware Configuration (Servers & Desktop))		Jaypee University Anoopshah	
Servers			
Sr.No.	Location	Server Configuration	Qty.
01	JU'A	Intel Xeon E 5607	2
02		Intel Xeon E3 1220V2	2
03		Xeon 4 Core E3	2
04		Intel Xeon E5 2407 QUOAD Core	1
05		Sophos XSG 2300	1
06		HP Prolient DL 380	1
		Total	9
Desktops			
Sr.No.	Location	Desktop / Laptop Configuration	Qty.
01	JU'A	Intel Core i3	117
02		Intel Core i5	60
03		Laptop (i3/i5/Window 7)	7
04		Intel Core i5	45
05		Intel Core i7	65
06		Intel Core i5	180
	Total	474	
Network			
Sr.No.	Location		Qty.
01	JU'A	Network Devices	
02		CISCO C3560 48 Port PoE	1
03		Cisco C2960 24 Port PoE/ Non PoE	22
04		CISCO C2960 48 Port	2
05		Cisco 9300L 24 Port	2
06		Cisco C-350 24 Port	2
07		Cisco 1300 24 Port	6
08		Cisco SG550x 48 Port	1
09		D-Link 24 Port Unmanagble	3
10		D-Link 8 port Unmanagble	8
11		D-Link 8 port Unmanagble PoE	3
12		Cisco WAP321-A-K9	16
13		Cisco WAP150-A-K9	8
14		Cisco AIR-AP1040N-A-K9	17
15		Dlink Access Points	22
16		TP-Link AC1750	100
17		Omeda Wi-Fi Controller	1
	Total	214	
Printers			
Sr.No.	Location	Printers	Qty.
01	JU'A	Network LaserJet	5
02		Desktop	7
03		DMP	2
04		LaserJet MFP	5
05		Canon Photo Copier / Printer BW&Color	4
06		Color Laser Jet	1

		Total	24
Engineering, Technical and General use Softwares			24
Sr.No.	Location	Softwares	Qty.
01	JU'A	Windows Server 2012 Standard	
02		Windows Server 2019 Standard	
03		Red Hat Enterprise 6.0	
04		Ubuntu	
05		Cyberoam Corporate	
06		Oracle 11g	
07		Turbo Plus C++	
08		Auto Cad Education Version	
09		Scilab	
10		Salome	
11		Estimote	
12		FreeCAD	
13		Maxima	
14		Cisco Packet Tracer	
15		NS2	
16		Inkspace	
17		Gimp	
18		Scribus	
19		Campus Lynx Total ERP Solution	
20		Adobe Flash Player	
21		WIN RAR Evolution Version	
22		Sun JAVA	
23		Apache Open Office	
24		Microsoft Office 2013	
25		Microsoft Silverlight	
26		VLC Media Player	
27		Google Chrome	
28		Internet Explorer	
29		Symantec Endpoint Protection 12	
30		Latex	
31		Niro 10	
32		Dopdf	
33		netbeans	
34		WinSCP	
35		Circuit Maker	
36		Stadd Pro	
37		HandBrake	
38		Audacity	
39		Jahshaka	
40		Netsim	
41		Wamp	
42		commons-mkl	
43		maxima-clisp-sbcl	

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Programs of Study & Intake of the University

The following new programs have been started w.e.f. AY 2025-26

(a) B.Tech Electronics Engineering (VLSI) Design & Technology

The details of intake are being provided in the table below:

Sr.	Program	Specification/Minor	Intake
4-year degree Program			
1	B-Tech	Computer Science and Engineering	180
		Robotics and Artificial Intelligence	30
		Electronics Engineering (VLSI) Design and Technology	30
3-year degree Program			
2	B.Sc. Physical Sciences	Minor in Mathematics	30
		Minor in Physics	30
	B.Sc. Life Sciences	Minor in Zoology,Botany,Chemistry	30
		Minor in Computer Science	30
3	B. Com		30
4	B.A.	Economics, History, Political Science, English	30
5	BBA	Finance,IT & Business Analytics,Marketing,HR	60
6	BCA	Web & Mobile Applications Development,AI & ML	120
2-Year Degree Program			
7	MBA	Finance,IT & Business Analytics,Marketing,HR	30
8	MCA	Web & Mobile Applications Development,AI & ML	30
		Grand Total	660

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Annual Fee Structures

Annual Fees B.Tech. (CSE, R & AI, EE) - Rs. 1,55,000/- per annum excluding Caution Money*

Academic Fee Head	1 st Year Fee (Rs.)		2 nd Year Fee (Rs.)		3 rd Year Fee (Rs.)		4 th Year Fee (Rs.)	
	Sem-I	Sem-II	Sem-III	Sem-IV	Sem-V	Sem-VI	Sem-VII	Sem-VIII
Tuition Fee	50000	50000	50000	50000	50000	50000	50000	50000
Development Fee	55000	-	55000	-	55000	-	55000	-
Caution Money*	10000	-	-	-	-	-		
Total Fee	115000	50000	105000	50000	105000	50000	105000	50000

BA/B. Com/B.Sc. – Rs. 31000/- (Average Fees per annum excluding Caution Money)

Academic Fee Head	1 st Year Fee (Rs.)		2 nd Year Fee (Rs.)		3 rd Year Fee (Rs.)		4 th Year Fee (Rs.)	
	Sem-I	Sem-II	Sem-III	Sem-IV	Sem-V	Sem-VI	Sem-VII	Sem-VIII
Tuition Fee	5000	5000	6000	6000	7000	7000	8000	8000
Development Fee	7500	7500	7500	7500	9500	9500	11500	11500
Caution Money*	7500	-	-	-				
Total Fee	20000	12500	13500	13500	16500	16500	19500	19500

BBA – Rs. 63000/- (Average Fees per annum excluding Caution Money)

Academic Fee Head	1 st Year Fee (Rs.)		2 nd Year Fee (Rs.)		3 rd Year Fee (Rs.)		4 th Year Fee (Rs.)	
	Sem-I	Sem-II	Sem-III	Sem-IV	Sem-V	Sem-VI	Sem-VII	Sem-VIII
Tuition Fee	15000	15000	17000	17000	20000	20000	24000	24000
Development Fee	9000	9000	12000	12000	14000	14000	15000	15000
Caution Money*	10000	-	-	-				
Total Fee	34000	24000	29000	29000	34000	34000	39000	39000

BCA – Rs. 65000/- per annum excluding Caution Money

Academic Fee Head	1 st Year Fee (Rs.)		2 nd Year Fee (Rs.)		3 rd Year Fee (Rs.)		4 th Year Fee (Rs.)	
	Sem-I	Sem-II	Sem-III	Sem-IV	Sem-V	Sem-VI	Sem-VII	Sem-VIII
Tuition Fee	22500	22500	22500	22500	22500	22500	22500	22500
Development Fee	10000	10000	10000	10000	10000	10000	10000	10000
Caution Money*	10000	-	-	-	-	-	-	-
Total Fee	42500	32500	32500	32500	32500	32500	32500	32500

Total Fee	27000	9000	19500	9000	19500	9000
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MBA - Rs. 1,20,000/- per annum excluding Caution Money

Academic Fee Head	1 st Year Fee (Rs.)		2 nd Year Fee (Rs.)	
	Sem-I	Sem-II	Sem-III	Sem-IV
Tuition Fee	40000	40000	40000	40000
Development Fee	40000	-	40000	-
Caution Money*	10000	-	-	-
Total Fee	90000	40000	80000	40000

MCA - Rs. 80,000/- per annum excluding Caution Money

Academic Fee Head	1 st Year Fee (Rs.)		2 nd Year Fee (Rs.)	
	Sem-I	Sem-II	Sem-III	Sem-IV
Tuition Fee	25000	25000	25000	25000

Development Fee	30000	-	30000	-
Caution Money*	10000	-	-	-
Total Fee	65000	25000	55000	25000

JYC Charges: Rs 1000/- per annum (Applicable for all programs)

Hostel Charges (including Food and Laundry):

Room Type	Triple Sharing
Non-AC Room	Rs. 75000 per annum
AC Room	Rs. 90000 per annum

ADMISSIONS FOR THE ACADEMIC SESSIONS 2024-25

Program	Branch	No. of application received	Offers	Advance fee Received	Final Registration
B.Tech	CSE	167	154	86	72
	R & AI	11	8	4	4
	EE(VLSI)	4	4	4	4
BA	-	17	16	11	4
BBA	-	71	66	59	53
BCA	-	135	128	115	104
B.Com.	-	36	34	27	24
B.Sc.	ZBC	24	20	16	14
	Math	5	5	4	3
	Physics	4	4	4	4
MBA	-	22	20	16	14
MCA	-	38	36	26	24
B.Tech.	CSE(LE)	5	5	1	1
Total		539	500	373	325

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List of Faculty

S. No.	Emp. Name	Designation	Dept.	DOJ		Pay Scale	Basic
1	NISHANT SHRIVASTAVA	ASSOCIATE PROFESSOR	CSE	18-07-2014	Ph.D	35000-3000-65000	56000
2	NIKITA AGRAWAL	ASSISTANT PROFESSOR (GRADE I)	CSE	02-08-2023	Ph.D (Persuing)	18000-1500-30000-2000-5800	21000
3	KAPIL SHARMA	ASSISTANT PROFESSOR (SR. GRADE)	CSE	08-02-2024	Ph.D	30000-2500-55000	42500
4	SUMAN SAHA	ASSOCIATE PROFESSOR	CSE	04-03-2024	Ph.D	35000-3000-65000	47000
5	VANDANA GUPTA	ASSISTANT PROFESSOR (GRADE-I)	CSE	12-02-2024	Ph.D Persuing	18000-1500-30000-2000-5800	19500
6	Rahul Kumar Gupta	ASSISTANT PROFESSOR (GRADE-I)	CSE	15-07-2024	M.Tech	18000-1500-30000-2000-5800	21000
7	ARNAV PRAKASH	ASSISTANT PROFESSOR(GRADE II)	ME	20-12-2016	M.E.	18000-1500-30000-2000-5800	30000
8	RAM KUMAR	ASSISTANT PROFESSOR (GRADE-II)	ME	01-03-2024	Ph.D Persuing	18000-1500-30000-2000-5800	34000
9	Deepika Mishra	ASSISTANT PROFESSOR (GRADE-II)	ME	27-04-2024	Ph.D Persuing	18000-1500-30000-2000-5800	22500
10	CHETANA SHARMA	PROBATIONARY ASSISTANT PROFESSOR	MATH	18-10-2022	M.Sc & Ph.D	18000-1500-30000-2000-5800	30000
11	AMIT KUMAR VERMA	ASSISTANT PROFESSOR (GRADE-I)	MATH	01-03-2024	Ph.D	18000-1500-30000-2000-5800	19500
12	FAISAL KHAN	ASSISTANT PROFESSOR (GRADE-II)	MATH	02-02-2024	Ph.D	18000-1500-30000-2000-5800	21000
13	HIMANSHU RAJPUT	ASSISTANT PROFESSOR(GRADE I)	FM	16-08-2018	Ph.D	18000-1500-30000-2000-5800	28500
14	MUDIT KUMAR SINGH	ASSISTANT PROFESSOR(GRADE II)	FM	14-08-2023	Ph.D	18000-1500-30000-2000-5800	22500
15	JATIN KUMAR	PROBATIONARY ASSISTANT PROFESSOR	FS	22-12-2022	Ph.D	18000-1500-30000-2000-5800	23750

16	SUMIT KUMAR	PROBATIONARY ASSISTANT PROFESSOR	FS	18-10-2022	Ph.D	1 Year	18000-1500-30000-2000-5800	23750
17	SUMEDHA MUKHERJEE	ASSISTANT PROFESSOR (GRADE-II)	FS	04-03-2024	Ph.D	5.5 Year	18000-1500-30000-2000-5800	
18	PAROMA RAY	ASSISTANT PROFESSOR(GRADE I)	HSS	26-02-2024	Ph.D Pursuing	7.4 Year	18000-1500-30000-2000-5800	19500
19	RIYA RANA	PROBATIONARY ASSISTANT PROFESSOR	HSS	21-10-2022	Ph.D	1 Year	18000-1500-30000-2000-5800	22500
20	SHIV KUMAR	PROBATIONARY ASSISTANT PROFESSOR	HSS	07-11-2022	Ph.D	4 Year	18000-1500-30000-2000-5800	23750
21	RAKHI PANDEY	ASSISTANT PROFESSOR (SR GRADE)	HSS	08-08-2015	Ph.D	12.5 Year	30000-2500-55000	35000
22	SAURABH MISHRA	ASSISTANT PROFESSOR(GRADE II)	HSS	16-07-2016	MBA	22 Year	18000-1500-30000-2000-5800	42000
23	MOHIT SHARMA	ASSISTANT PROFESSOR(GRADE II)	PHY	04-01-2017	Ph.D	15 Year	18000-1500-30000-2000-5800	30000
24	PRIYANKA ARORA JHA	ASSISTANT PROFESSOR (GRADE-II)	PHY	15-01-2024	Ph.D	9 Year	18000-1500-30000-2000-5800	22500
25	SONALI SACHDEVA	ASSISTANT PROFESSOR (GRADE-II)	PHY	05-02-2024	Ph.D	8 Year	18000-1500-30000-2000-5801	22500
26	SHAILENDRA TRIPATHI	ASSISTANT PROFESSOR (GRADE-II)	PHY	05-03-2024	Ph.D	13 Year	18000-1500-30000-2000-5800	25500
27	NITIN KUMAR SHARMA	ASSISTANT PROFESSOR (SR GRADE)	Chemistry	02-01-2024	Ph.D	7 Year	30000-2500-55000	32500
28	RAHUL KUMAR	ASSISTANT PROFESSOR(GRADE I)	FC	01-08-2018	Ph.D	8 Year	18000-1500-30000-2000-5800	28500
29	SIDDHARTH JAIN	ASSISTANT PROFESSOR(GRADE I)	ECE	26-09-2023	Ph.D (Pursuing)	1 Year	18000-1500-30000-2000-5800	21000
30	Varun Kumar Singhal	ASSISTANT PROFESSOR (SR GRADE)	ECE	15-07-2024	Ph.D	8 Year	30000-2500-55000	32500

1	Hiteshwar	Assistant Professor	FC					750/- Per Lecture
2	Arvind Kumar	Assistant Professor	MATH					750/- Per Lecture
3	Arshad Khan	Assistant Professor	PHY					750/- Per Lecture
4	Mr. Pankaj Kumar	Assistant Professor	CSE					750/- Per Lecture
5	Shailendra Sisodiya	Assistant Professor	Yoga					750/- Per Lecture
6	Fawad Khan	Assistant Professor	Chemistry					750/- Per Lecture