



SUBHWANTI

INSTITUTE OF EDUCATION

SCHOOL OF INFORMATION SCIENCE & MANAGEMENT

Pachaura, Siwan (841226)

Recognised by All India Council for Technical Education (A.I.C.T.E)
New Delhi and Affiliated to Aryabhata Knowledge University, Patna



**ACADEMIC
SESSION
2024-25**



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About SISM



Subhwanti Institute of Education, Siwan, Bihar School of Information Science and Management (SISM)

Subhwanti Institute of Education (SIE), is one of the premier Institute in siwan. Institutions offered B.Sc Nursing program in 2011, B.Ed program established in 2015 and School of Information Science and Management from 2024 under aegis of Subhwanti Sudama Rai foundation.

School of Information Science and Management (SISM) has started UG and PG courses in Information Science and Management such as three years BBA and BCA as well as two years MBA and MCA course Academic Session 2024-25.

These courses are approved by AICTE (All India Council for Technical Education), MHRD (Ministry of Human Resours, New Delhi and affiliated with Aryabhatta Knowledge University, Patna, Bihar. Besides the academic excellence, we focus on intellectual development and blossoming the character of the students.

We take utmost care in imparting human values among the students. In addition to normal curriculum activities, special programmes in career guidance and counseling, self-expression, motivation, personality development etc. are also being arranged by making use of experts in the respective fields.



SUBHWANTI

INSTITUTE OF EDUCATION

Message from CHAIRMAN

Holistic education is a never-ending exercise aiming to mold and shape the human body, mind, and character. Subhwanti Institute of Education, through School of Information Science and Management (SISM) aims at promoting and proliferating these values of morality, ethics, scientific temperament, and imaginative thinking among the student fraternity and inspiring them to become the future leaders of the world.

Our vision is built on hard work, open communication, robust teamwork, and high responsibility. This allows and helps our students not only to tackle the present-day challenges but also their individual responsibilities to our nation and our society at large. We aim to equip our students with skills and talents to relate learning solutions to real life and encourage the students to attain this knowledge with the support of our dedicated faculty and administration. Our institution has set definite aims and planned activities for achieving excellence in all spheres of education.

We intend to mold personally mature, professionally furnished, and service-oriented graduates, and the effort the administration takes for this is commendable. We strongly believe in academic excellence and do not compromise on teaching standards or discipline. These three things are the springboards on which we function. We at Subhwanti Institute of Education are committed to building a better society through quality education and ideal principles. Our aim is to enable our students to excel in all standards of life and become good citizens. We constantly improve the system, infrastructure, and services to satisfy the students, parents, locality, and society.

Welcome to School of Information Science and Management



Mr. Satish Kumar Rai
Chairman



“Our aim is to enable our students to excel in all standards of life and become good citizens. We constantly improve the system, infrastructure, and services to satisfy the students, parents, locality, and society.”



SUBHWANTI

INSTITUTE OF EDUCATION

Message from PRESIDENT

The significance of quality education for students cannot be overstated, and Subhwanti Institute of Education, through School of Information Science and Management (SISM), is committed to providing just that. Our educational philosophy is deeply rooted in the belief that every student deserves access to high-quality education that prepares them for a successful future. At SISM, we prioritize the development of well-rounded individuals who can contribute positively to society. We believe that education should not only focus on academic excellence but also on fostering critical thinking, creativity, and social responsibility. Our curriculum is designed to provide students with a strong foundation in their chosen field while also encouraging them to explore new ideas and perspectives.

Our faculty members are experienced professionals who are dedicated to helping students achieve their full potential. They provide personalized attention and support, ensuring that each student receives the guidance they need to succeed. Our small class sizes allow for a more intimate learning environment, where students can engage in meaningful discussions and collaborate with their peers.

At SISM, we are proud to be a leader in quality education. Our commitment to excellence has earned us a reputation as one of the top colleges in the region, and we are dedicated to continuing this tradition of success. Join us and become a part of a community that values education, growth, and success.



Dr. Upma Kumar Rai
President

“ Our commitment to excellence has earned us a reputation as one of the top colleges in the region, and we are dedicated to continuing this tradition of success. ”



SUBHWANTI

INSTITUTE OF EDUCATION

Message from DIRECTOR GENERAL

Let me welcome you to our Fold! As we welcome you, the future leaders and productive citizens of the world, I would like to stress on our mission statement of grooming young minds and hearts as the pillar of advancement of a nation and hope of the future. Our vision is based on hard work, open communication, a strong emphasis on team work and a high level of responsibility.

This visionary culture allows and emphasizes our wards not only to adopt the present-day challenges but also individual responsibilities to the society and our nation at large. Knowledge is gathered from learning and education, while most say that wisdom is gathered from day-to-day experiences and is a state of being wise. Knowledge is merely having clarity of facts and truths, while wisdom is the practical ability to make consistently good decisions in life. We invest our trust on you.

You are our safe source and we bank all our efforts on you. We create not the future instead we craft you for the future. As the Director General of this institution, I anticipate the full participation and cooperation of the students and parents to make it possible for us to transform those dreams to reality. And if there is any assistance that you might need, may it be personal or professional, I shall always be willing to hear from you.

wish you all the best!



Prof.(Dr.) Arun Kumar Verma

Director General

*Former Vice Chancellor, ICFAI University, Nagaland
Senior Scientist (Retd.) DRDO, Ministry of Defence*

«



As the Director General of this institution, I anticipate the full participation and cooperation of the students and parents to make it possible for us to transform those dreams to reality. ”





SUBHWANTI

INSTITUTE OF EDUCATION

Message from GROUP DIRECTOR

Education has become the need of the hour in the present-day scenario. We are committed in transforming our institution into a centre of excellence in the field of education with a specific objective to mould our students to face challenges for grabbing tomorrow's opportunities.

Various departments of our college accommodate enthusiastic students willing to learn and dedicated faculty committed to provide quality education through teaching learning process. We organize quantifiable and well focused programmes and activities periodically that contribute to the professional growth of our students. We also provide platform to students to compete their talents in academics, sports, co-curricular and extra-curricular activities.

As Group Director, I am sure that our faculty and students will continue to contribute and shoulder the responsibilities of taking Subhwanti Institute Education through School of Information Science and Management ever forward in the path of academic excellence.



Prof.(Dr.) Ravi K. Nath

Group Director

Veteran Indian Air Force, Ministry of Defence



I am sure that our faculty and students will continue to contribute and shoulder the responsibilities of taking Subhwanti Institute Education through School of Information Science and Management ever forward in the path of academic excellence.





SUBHWANTI

INSTITUTE OF EDUCATION

Message from PRINCIPAL

Welcome to School of Information Science and Management (SISM), Subhwanti Group of Institution, Siwan Campus, Bihar. SISM works for the best interests of the students by collaborating with different organizations. It also works closely with students to understand their goals and aspirations and facilitate achieving them.

To keep students constructively engaged and on top of their professional game, SISM organizes a number of programs throughout the academic year; including weekly sessions, counselling sessions, guest lectures, placement preparation modules, mentorship programs and industry visits. Many of our courses and programmes have knowledge partners from the fields of consulting, information technology and global practices.

The approach is an amalgamation of advanced knowledge, a blend of academic learning and practical experience, and a multicultural openness and corporate dialogue. The school challenges conventional wisdom, transforms careers, and empowers the students to be the catalyst of social change. I would take this opportunity to invite you to our beautiful campus and experience the transformation that we have committed ourselves to bringing to each and every student in the programme.



Dr.K. Ashok Kumar «
Principal

“ The school challenges conventional wisdom, transforms careers, and empowers the students to be the catalyst of social change. ”



SUBHWANTI INSTITUTE OF EDUCATION



:: VISION ::

To be a socially committed centre of learning to provide the students with value-added education to meet the challenges of tomorrow through quality higher education, research, and a commitment to societal values.

:: MISSION ::

To Mould the managers and leaders as professionals with skills, knowledge, and wisdom to be successful in the ever-changing world of business, industry, and service with the inquisitive and innovative mind and ethical consciousness, capable of contributing to societal needs.



UG COURSE BACHELOR OF BUSINESS ADMINISTRATION (BBA)

A Bachelor of Business Administration (BBA) is an undergraduate degree designed to provide students with a comprehensive understanding of business principles and practices. Here's an overview of what you can typically expect from a BBA program:

ELIGIBILITY CRITERIA

- » Completion of higher secondary education (10+2) from a recognized board.
- » A minimum percentage (usually around 45% or higher) is required.



CORE SUBJECTS

1. **Management Principles:** Introduction to management theories and practices.
2. **Marketing:** Fundamentals of marketing strategies, consumer behavior, and market research.
3. **Finance:** Basics of financial management, investment analysis, and accounting principles.
4. **Economics:** Understanding micro and macroeconomic concepts.
5. **Operations Management:** Overview of production and operations processes.
6. **Human Resource Management:** Principles of managing personnel and organizational behavior.
7. **Business Law:** Introduction to legal principles affecting businesses.
8. **Strategic Management:** Planning and executing business strategies.

Scope of the Course : The scope of a Bachelor of Business Administration (BBA) course is broad and can lead to various opportunities in the business and management fields. Here are some key areas where BBA graduates can find opportunities:

Corporate Sector : Entry-level positions in companies across sectors such as finance, marketing, operations, and human resources.

Entrepreneurship : Equips graduates with the skills needed to start and manage their own businesses.

Sales & Marketing : Roles in sales, marketing management, brand management, and digital marketing.

Finance : Opportunities in banking, investment analysis, financial planning, and accounting.

Consulting : Business consulting roles that involve advising companies on strategies and operations.





- Human Resources** : Positions in recruitment, training, and organizational development.
- Operations Management** : Roles focused on supply chain management, production, and quality control.
- Further Studies** : Pursuing a Master of Business Administration (MBA) or other specialized postgraduate courses.
- Government Jobs** : Opportunities in public sector enterprises and administrative roles.
- International Business** : Careers in export-import management, international marketing, and global business development. The versatility of a BBA degree allows graduates to adapt to various roles and industries, making it a valuable credential in the job market.
- Out-come Competency** : The outcomes of completing a Bachelor of Business Administration (BBA) course can be quite significant and varied. Here are some key outcomes you can expect:

Knowledge and Skills :

- 1. Business Acumen:** Understanding of fundamental business concepts, practices, and frameworks.
- 2. Management Skills:** Ability to manage teams, projects, and resources effectively.
- 3. Analytical Skills:** Proficiency in analyzing data and making informed decisions.
- 4. Financial Literacy:** Knowledge of financial principles, budgeting, and accounting practices.
- 5. Marketing Insights:** Understanding of marketing strategies and consumer behavior.

Career Opportunities :

- 1. Diverse Job Roles:** Graduates can pursue various roles in marketing, finance, human resources, operations, and consulting.
- 2. Entrepreneurship:** Skills to start and manage a business venture.

Professional Development :

- 1. Networking Opportunities:** Connections with industry professionals through internships, workshops, and seminars.
- 2. Skill Enhancement:** Development of soft skills like communication, leadership, and teamwork.

Further Education : Pathway to Advanced Studies: Foundation for pursuing an MBA or other specialized master's degrees.

Practical Experience

Internships: Hands-on experience that enhances employability and understanding of real-world business operations.

Global Perspective

Understanding of International Business: Exposure to global business practices and cultural diversity.

Lifelong Learning

Adaptability: Preparedness for continuous learning and professional growth in a dynamic business environment. Overall, a BBA equips graduates with a comprehensive skill set and knowledge base that prepares them for a successful career in various fields of business.

BBA : COURSE CURRICULUM

Year – 1			
Semester 1		Semester 2	
Name of the paper	Credit	Name of the paper	Credit
Principles and Practices of Management	5	Business Organization and Management	4
Micro-Economics	4	Financial Management- 1 (Financial Accounting)	4
Macro-Economics	4	Human resource management - 1 (Organizational Behaviour)	5
Information Technology in Management- 1 (office productivity suites)	4	Business Mathematics and Statistics- 1 (Mathematical Economics)	4
Marketing Management- 1 (Marketing and Sales)	6	Information Technology in Management- 1 (Management Information System)	4
Communicative English	4	Business English	4
Lab 104	1	Lab 204	1
Year – 2			
Semester 3		Semester 4	
Name of the paper	Credit	Name of the paper	Credit
Marketing Management- 2 (Consumer Behaviour)	5	Strategic Management	5
Financial Management- 2 (Managerial Accounting)	4	Production and Operations Management	5
Human Resource Management- 2 (Human Resource Management)	5	Operations Research and Logistics	5
Business Mathematics and Statistics- 1 (Mathematical Statistics)	5	Project and Event Management	4
Corporate communication	4	Social and Marketing Research	6
Business taxation (elective-1)	3	Entrepreneurship Development Programme (elective-1)	4
Psychology (elective 2)	3	Business Ethics, Corporate Governance, and Social work (elective 2)	4
Year – 3			
Semester 5		Semester 6	
Name of the paper	Credit	Name of the paper	Credit
Retail Management	5	Services Marketing	5
Indian Financial System	4	International Finance	5
Security Analysis and Portfolio Management	3	Risk Management	4
E - Commerce	4	Business Law and Industrial Relations	4
Project (4 weeks internship in an industry)	10	Management Thesis (based on 2 weeks internship in services industry)	8
Total credit- 161			

UG COURSE

BACHELOR OF COMPUTER APPLICATIONS (BCA)

A Bachelor of Computer Applications (BCA) is an undergraduate degree that focuses on computer science and its applications in various fields. Typically spanning three years, the program covers a wide range of topics, including:

Eligibility Criteria

- » Completion of higher secondary education (10+2) from a recognized board.
- » A minimum percentage (usually around 45% or higher) is required.



CORE SUBJECTS

- 1. Programming Languages** : C, C++, Java, Python, etc.
- 2. Database Management** : SQL, data modeling, and database design.
- 3. Web Development** : HTML, CSS, JavaScript, and frameworks.
- 4. Software Engineering** : Software development methodologies and project management.
- 5. Operating Systems** : Understanding different operating systems and their functions.
- 6. Networking** : Basics of computer networks and internet protocols.
- 7. Mathematics** : Discrete mathematics, statistics, and algorithms.

Scope of the Course : The scope of a Bachelor of Computer Applications (BCA) course is quite broad, with numerous opportunities in various sectors. Here's an overview:

1. Career Opportunities:

- **Software Development:** Roles such as software developer, application programmer, and web developer.
- **Database Management:** Opportunities as a database administrator or data analyst.
- **System Administration:** Positions in system and network administration.
- **IT Support:** Technical support roles, including help desk and IT support specialist.
- **Cybersecurity:** Careers in network security and ethical hacking.

2. Higher Education:

- Many BCA graduates opt for further studies, such as:
 - Master of Computer Applications (MCA)
 - MBA in Information Technology
 - Master's degrees in specialized areas like Data Science, Artificial Intelligence, etc.

- 3. Industry Demand** : With the growing reliance on technology, there is a high demand for IT professionals across various industries, including finance, healthcare, education, and e-commerce.

- 4. Entrepreneurship** : Knowledge of computer applications can empower graduates to start their own tech-based businesses or freelancing careers.

- 5. Skill Development** : BCA programs often focus on practical skills, which can be valuable in real-world applications, enhancing employability.

- 6. Global Opportunities** : IT skills are in demand worldwide, allowing for opportunities abroad or with multinational companies.

- 7. Diverse Roles** : Graduates can work in various sectors, including software companies, government organizations, educational institutions, and consultancy firms. The BCA course equips students with a strong foundation in computer science, making it a versatile and valuable degree.

OUT-COME COMPETENCY

The outcomes of a Bachelor of Computer Applications (BCA) course typically include a range of skills, knowledge, and competencies that prepare graduates for various roles in the IT industry and beyond. Here are some key outcomes:

1. Technical Skills:

- Proficiency in programming languages (like C, Java, Python).
- Understanding of database management and SQL.
- Knowledge of web development technologies (HTML, CSS, JavaScript).
- Familiarity with software development methodologies and tools.

2. Problem-Solving Abilities:

- Enhanced analytical thinking and logical reasoning skills.
- Ability to design and implement software solutions to real-world problems.

3. Understanding of Computer Systems:

- Knowledge of operating systems, networking concepts, and cybersecurity principles.
- Understanding of software engineering principles and practices.

4. Communication Skills:

- Improved verbal and written communication skills for effective collaboration with team members and stakeholders.

5. Project Management:

- Skills in managing projects, including planning, execution, and evaluation of software projects.

6. Adaptability:

- Ability to quickly learn and adapt to new technologies and tools in a rapidly changing IT landscape.

7. Ethical Awareness:

- Understanding of ethical issues in computing, including data privacy and security.

8. Teamwork and Collaboration:

- Experience working in teams, fostering collaboration, and contributing to group projects.

9. Foundation for Further Studies:

- A strong basis for pursuing advanced studies, such as a Master of Computer Applications (MCA) or other specialized fields in technology.

CAREER OPPORTUNITIES

Readiness for various entry-level positions in the IT industry, equipping graduates with the skills needed to start a successful career. Overall, a BCA program equips students with both technical knowledge and practical skills, preparing them for a wide range of roles in the ever-evolving tech industry. If you have specific areas you'd like to explore further, let me know!

Year - 1			
Semester – 1		Semester - 2	
Name of the paper	Credit	Name of the paper	Credit
Communicative english	4	Business english	4
Basic mathematics	5	Mathematics (numerical techniques)	5
Information technology and application	4	System analysis and design	5
Principles of management and organization	5	Problem solving technique and programming in c	4
Python programming (elective 1)	4	Operating system and unix	4
Problem solving and programming concept (elective 2)	4	Lab 204	2
Lab 103	2	Lab 205	2
Lab 105	2		
Lab 106	2		
Year - 2			
Semester – 3		Semester - 4	
Name of the paper	Credit	Name of the paper	Credit
Object oriented programming using c++	4	Relational data base management system	5
Internet and web designing	5	Digital electronics, computer system architecture and organization	5
Java programming	4	File and data structure	4
Software engineering	4	Introduction to statistics	4
Lab 301	3	Lab 401	3
Lab 303	3	Lab 403	3
Year - 3			
Semester - 5		Semester - 6	
Name of the paper	Credit	Name of the paper	Credit
Windows programming using vb.net	4	Web technology (elective- 1)	5
Graphics and multimedia	4	Concept of data mining and data warehousing (elective- 2)	5
Computer network, data communication and client server technology	5	E-commerce	5
Business accounting and erp	4	Project and viva	12
Lab 501	3	Lab 601 a	2
Lab 502	3	Lab 601 b	2
Total credit - 147			

PG COURSE

MASTER OF BUSINESS ADMINISTRATION (MBA)

Program Overview

The Master of Business Administration (MBA) is designed to equip students with comprehensive knowledge and skills in business management. The program combines theoretical frameworks with practical applications to prepare graduates for leadership roles in various industries.

Eligibility Criteria

- » Bachelor's degree in any discipline with at least 50% marks from a recognized university



PEDAGOGY

Hands-on education or learning by doing is an integral component of SISM teaching-learning environment. Studies have shown that students learn best and have a higher retention when they are encouraged to actively explore, experiment and work out demonstrable solutions to problems. Hands-on education challenges students to find new ways to master and apply complex concepts in life. It also sparks the love of learning, develops skills and the confidence to tackle the unknown.



LEARNING OUTCOME

LEARNING OUTCOMES

- Solve real-world problems through projects, activities, and business cases and Develop skills to tackle real business challenges
- Cultivate a global perspective and understand the interconnectedness of the business world and Develop a holistic understanding of business and analytics in the modern era
- Identify data-driven business problems and come up with appropriate and innovative solutions
- Chart out a path for an organization to make the best use of data and related resources in an organization and potentially achieve a competitive advantage



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Programme Outcomes (POs) of School of Information Science and Management (SISM)

PO 1: Critical thinking and Analytical reasoning

Capability to analyse and evaluate evidence, arguments, claims, beliefs on the basis of empirical evidence; identify relevant assumptions or implications; formulate coherent arguments; critically evaluate practices, policies and theories to develop knowledge and understanding; critical sensibility to lived experiences, with self-awareness and reflexivity of both self and society.

PO 2 : Scientific reasoning and Problem solving

Ability to analyse, interpret and draw conclusions from quantitative/qualitative data; and critically evaluate ideas, evidence and experiences from an open-minded and reasoned perspective; capacity to extrapolate from what one has learned and apply their competencies to solve different kinds of non-familiar problems, rather than replicate curriculum content knowledge; and apply one's learning to real life situations.

PO 3: Multidisciplinary/interdisciplinary/transdisciplinary Approach

Acquire interdisciplinary /multidisciplinary/transdisciplinary knowledge base as a consequence of the learning they engage with their programme of study; develop a collaborative-multidisciplinary /interdisciplinary/ transdisciplinary- approach for formulate constructive arguments and rational analysis for achieving common goals and objectives.

PO 4: Communication Skills

Ability to express thoughts and ideas effectively in writing and orally; Communicate with others using appropriate media; confidently share one's views and express herself/himself; demonstrate the ability to listen carefully, read and write analytically, and present complex information in a clear and concise manner to different groups.

PO 5: Leadership Skills

Ability to work effectively and lead respectfully with diverse teams; setting direction, formulating an inspiring vision, building a team who can help achieve the vision, motivating and inspiring team members to engage with that vision, and using management skills to guide people to the right destination, in a smooth and efficient way.

PO 6: Social Consciousness and Responsibility

Ability to contemplate of the impact of research findings on conventional practices, and a clear understanding of responsibility towards societal needs and reaching the targets for attaining inclusive and sustainable development.

PO 7: Equity, Inclusiveness and Sustainability

Appreciate equity, inclusiveness and sustainability and diversity; acquire ethical and moral reasoning and values of unity, secularism and national integration to enable to act as dignified citizens; able to understand and appreciate diversity (caste, ethnicity, gender and marginalisation), managing diversity and use of an inclusive approach to the extent possible.

PO 8: Moral and Ethical Reasoning

Ability to embrace moral/ethical values in conducting one's life, formulate a position/argument about an ethical issue from multiple perspectives, and use ethical practices in all work. Capable of demonstrating the ability to identify ethical issues related to one's work, avoid unethical behaviour.

PO 9: Networking and Collaboration

Acquire skills to be able to collaborate and network with educational institutions, research organisations and industrial units in India and abroad.

PO 10: Lifelong Learning

Ability to acquire knowledge and skills, including “learning how to learn”, that are necessary for participating in learning activities throughout life, through self-paced and self-directed learning aimed at personal development, meeting economic, social and cultural objectives, and adapting to changing trades and demands of work place through knowledge/skill development/reskilling.



Career Opportunities

1. Management Consulting

- **Roles:** Management Consultant, Strategy Consultant, Operations Consultant
- **Description:** Provide strategic advice to organizations to improve performance and efficiency.

2. Finance

- **Roles:** Financial Analyst, Investment Banker, Corporate Finance Manager, Risk Manager
- **Description:** Manage financial operations, investments, and risk assessment for companies or clients.

3. Marketing

- **Roles:** Marketing Manager, Brand Manager, Digital Marketing Specialist, Market Research Analyst
- **Description:** Develop and implement marketing strategies to promote products and services.

4. Operations Management

- **Roles:** Operations Manager, Supply Chain Manager, Logistics Coordinator
- **Description:** Oversee production processes, supply chains, and operational efficiency.

5. Human Resources

- **Roles:** HR Manager, Talent Acquisition Specialist, Training and Development Manager
- **Description:** Manage employee relations, recruitment, and organizational development.

6. Entrepreneurship

- **Roles:** Startup Founder, Business Development Manager
- **Description:** Start and manage your own business or lead new initiatives within established companies.

7. Information Technology

- **Roles:** IT Manager, Business Analyst, Project Manager
- **Description:** Oversee technology projects, manage IT departments, and align technology with business strategies.

8. Sales

- **Roles:** Sales Manager, Account Executive, Business Development Manager
- **Description:** Drive revenue growth by managing client relationships and sales strategies.

9. Healthcare Management

- **Roles:** Healthcare Administrator, Operations Manager, Healthcare Consultant
- **Description:** Manage healthcare facilities or consult on healthcare operations and policies.

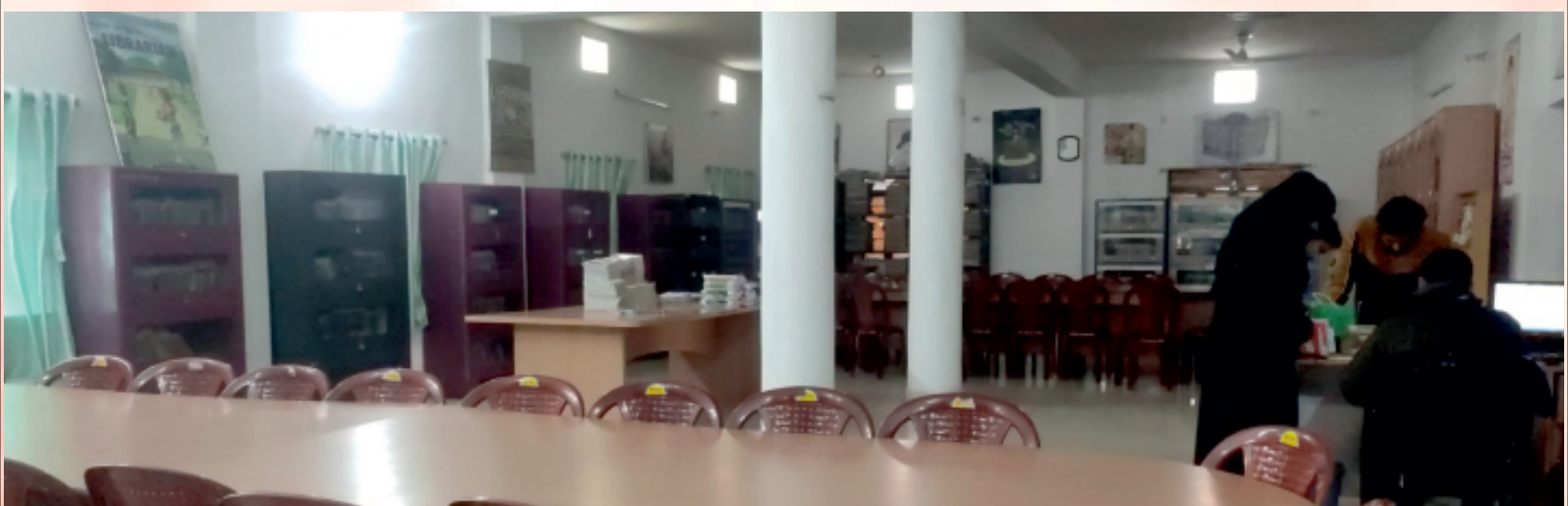
10. Nonprofit and Social Enterprises

- **Roles:** Program Manager, Development Director, Policy Analyst
- **Description:** Lead initiatives in nonprofit organizations, focusing on social impact and community development.

Additional Considerations

- **Networking:** MBA programs often provide access to a robust alumni network and industry connections.
- **Job Market Trends:** Certain sectors, such as tech and healthcare, are experiencing rapid growth and demand for MBA graduates.
- **Salary Potential:** MBA graduates typically see a significant increase in earning potential compared to their pre-MBA salaries.

Overall, an MBA provides versatile skills that are applicable in many fields, enabling graduates to pursue a variety of fulfilling career paths. If you're interested in specific industries or roles, I can provide more targeted information!





MBA : COURSE CURRICULUM

Year – 1			
Semester - 1		Semester – 2	
Name of the paper	Credit	Name of the paper	Credit
Principles and Practices of Management	4	Organizational Behaviour	4
Managerial Economics	4	Business Research Methods	4
Statistical Methods for Decision-Making	4	Operations Research	4
Accounting and Financial Analysis	4	Management Accounting and Control	4
Marketing Management	4	Financial Management	4
Human Resource Management	4	Project Management	4
Year – 2			
Semester - 3		Semester – 4	
Name of the paper	Credit	Name of the paper	Credit
Strategic Management	4	Corporate Governance and Business Ethics	4
Legal Aspects of \Business	4	Computer Application and Management Information System	4
Project Study	8	Comprehensive Viva-Voce	
Summer Internship	8	Business Communication	4
Finance		Finance	
Security analysis and portfolio management	4	Banking and Financial Services	4
Corporate tax planning and management	4	Financial Derivatives	4
Human resource management		Human resource management	
Labour and Employment Laws in India	4	Management of Change	4
Industrial Relations	4	Group Dynamics	4
Marketing		Marketing	
Consumer Behaviour	4	Sales and Distribution Management	4
Services Marketing	4	Strategic Marketing	4
Total credit – 100			
Rural Management		Rural Management	
Social Entrepreneurship	4	Rural Marketing	4
Agribusiness Management	4	Rural development and governance	4
Information Management		Information Management	
Data Analysis and Business	4	Enterprise resource planning	4
IT strategy and Governance	4	Digital Transformation	4
Hospital & Health Care Management		Hospital & Health Care Management	
Hospital operations Management	4	Health economics and insurance	4
Health Systems and policies	4	Healthcare IT systems	4



PG COURSE

MASTER OF COMPUTER APPLICATION (MCA)

Program Overview

The Master of Computer Applications (MCA) is a postgraduate degree designed to provide students with advanced knowledge and skills in computer applications and software development. The program focuses on both theoretical concepts and practical applications, preparing graduates for various roles in the IT industry.

Eligibility Criteria for MCA

- » **Bachelor's Degree** : Candidates typically need a bachelor's degree in Computer Applications (BCA), Computer Science, Information Technology, or a related field.
- » **Minimum Percentage** : Require a minimum percentage (often around 50-60%) in the qualifying degree.

MATHEMATICS REQUIREMENT

Candidates should have studied Mathematics at the Higher Secondary Level (12th grade) or in their undergraduate program.

CORE COURSES

Programming Fundamentals	: Introduction to programming languages (such as C, Java, Python) and basic programming concepts.
Data Structures and Algorithms	: Study of data organization and manipulation techniques, along with algorithm design and analysis.
Database Management Systems	: Concepts of database design, SQL, and data modeling, including relational and non-relational databases.
Software Engineering	: Principles and practices of software development, including the software development lifecycle (SDLC) and project management.
Web Technologies	: Overview of web development, including HTML, CSS, JavaScript, and frameworks like React or Angular.
Operating Systems	: Concepts of operating systems, including process management, memory management, and file systems.
Networking and Security	: Introduction to computer networks, protocols, and security practices to protect data and systems.
Mobile Application Development	: Techniques and tools for developing applications for mobile devices, covering platforms like Android and iOS.

- Electives** : Students can often choose electives to specialize in areas such as:
- Artificial Intelligence** : Fundamentals of AI, machine learning, and natural language processing.
- Cloud Computing** : Concepts of cloud architecture, services, and deployment models.
- Big Data Analytics** : Tools and techniques for analyzing large datasets and deriving insights.
- Project Work Industry Project/Internship** : A practical project or internship where students apply their knowledge to real-world problems, often in collaboration with industry partners.
-

Learning Outcomes

Graduates of the MCA program will:

- Acquire strong programming and software development skills.
 - Develop expertise in database management and data analysis.
 - Gain understanding of networking and security protocols.
 - Be equipped to work on web and mobile application development projects.
-

Career Opportunities

MCA graduates can pursue careers in various fields, including:

- Software Development
 - Database Administration
 - Systems Analysis
 - Network Administration
 - Web Development
 - IT Project Management
-

Skills Developed

- Problem-solving and analytical skills.
- Team collaboration and communication abilities.
- Technical proficiency in programming and software tools.

Overall, the MCA program is designed to prepare students for a dynamic and rapidly evolving technology landscape, equipping them with the necessary skills and knowledge to excel in various IT roles.



MCA : COURSE CURRICULUM

Year – 1			
Semester - 1		Semester – 2	
Name of the paper	Credit	Name of the paper	Credit
Computational Mathematics	4	Fundamentals of management and organization behaviour	4
Computerr organization and architecture	4	Data analytics	4
Object oriented programming, analysis and design	4	Java programming	4
Modern operating systems	4	Data structures and algorithms	4
Advance database design concepts	4	Artificial intelligence and knowledge managemnt	4
Computer network	4	Elective courses	
Lab - 1	2	Program elective - 1	4
Lab - 2	2	Lab – 1	2
		Lab – 2	2
Year – 2			
Semester - 3		Semester – 4	
Name of the paper	Credit	Name of the paper	Credit
Software engineering principles	4	Project work	20
Machine learning	4		
Visual programming	4		
Web technologies	4		
Elective courses			
Program elective - 2	4		
Program elective - 3	4		
Lab - 1	2		
Lab - 2	2		
Total credit – 104			

FEE STRUCTURE FOR UG COURSES

For Male Students						
Particulars	1 st Semester	2 nd Semester	3 rd Semester	4 th Semester	5 th Semester	6 th Semester
Tuition Fee	25,000	25,000	25,000	25,000	25,000	25,000
Development Fee	6,000	0	6,000	0	6,000	0
Library Fee	2000	0	2,000	0	2,000	0
Admission Fee	10,000	0	0	0	0	0
Total	43,000	25,000	33,000	25,000	33,000	25,000
For Female Students						
Tuition Fee	20,000	20,000	20,000	20,000	20,000	20,000
Development Fee	6,000	0	6,000	0	6,000	0
Library Fee	2000	0	2,000	0	2,000	0
Admission Fee	10,000	0	0	0	0	0
Total	38,000	20,000	28,000	20,000	28,000	20,000

FEE STRUCTURE FOR PG COURSES

Particulars	1 st Semester	2 nd Semester	3 rd Semester	4 th Semester
For Male Students				
Tuition Fee	30,000	30,000	30,000	30,000
Development Fee	6,000	0	6,000	0
Library Fee	2000	0	2,000	0
Admission Fee	10,000	0	0	0
Total	48,000	30,000	38,000	30,000
For Female Students				
Tuition Fee	25,000	25,000	25,000	25,000
Development Fee	6,000	0	6,000	0
Library Fee	2000	0	2,000	0
Admission Fee	10,000	0	0	0
Total	43,000	25,000	33,000	25,000

SCHOLARSHIPS & MERIT PROGRAM

SCORES	SCHOLARSHIP (%)	For BOY'S (Amount)	For GIRL'S (Amount)
Score more than >=85%	20%	12,000	10,000
Score between 70% - 85%	10%	6,000	5000
SC/ST category	-	5000	5000

- If the students score 85% or more than 85%, then they will get 20% (Rs 12000) as scholarship.
- If the student scores between 70% to 85% , then they will get 10% (Rs 6000) as scholarship.
- Scholarship amount will be offered in 2nd year or adjusted in the 2nd year fee.
- Students will have to maintain their merit in course duration to avail scholarship.
- For SC/ST student Rs 5000/- will be given as scholarship.

ACADEMIC ADVISORY BODY

Academic Advisory body of SISM comprises of reputed and experienced professionals from Industry and research Institutions for the purpose of training and internship during the course. SISM is already in the process of collaboration with many organization for the purpose to develop skill based expertise to students admitted in the course.

- | | |
|------------------------------|------------------------|
| • Mr.Satish Kumar Rai | (Secretary / Chairman) |
| • Dr. Upma Kumari Rai | (President) |
| • Prof. Dr. Arun Kumar Verma | (Director General) |
| • Prof. Dr. Ravi Nath | (Group Director) |
| • Dr. K AshokKumar | (Principal) |
| • Mr. Mallik Nityanshu | (Co-Ordinator) |

FACULTY



The college has highly qualified, NET cleared and experienced faculty with Doctorate degrees in respective fields. All faculty members have techno pedagogy skills and are committed to their profession with a ready to help attitude towards the students. To guarantee high quality education expert talk/seminars/workshops are organized at regular intervals.

LIBRARY



The library is considered to be the heart of any educational institution. We have a very rich library with more than 6000 books on different subjects and periodicals, many national and international research journals and E-Journals. The library is run by a very experienced librarian who could answer the readers' enquiries well. We are on the mode of creating a digital library very soon. We have the Digital library with N-List and LDLI subscription where everyone can browse online Books and Journals.



COMPUTER LAB

The Computer Lab commonly includes communication technology such as internet. It is the power of computer and communication which has changed the world. We designed Computer Lab with latest devices and Wi-Fi Facilities available

LANGUAGE LAB



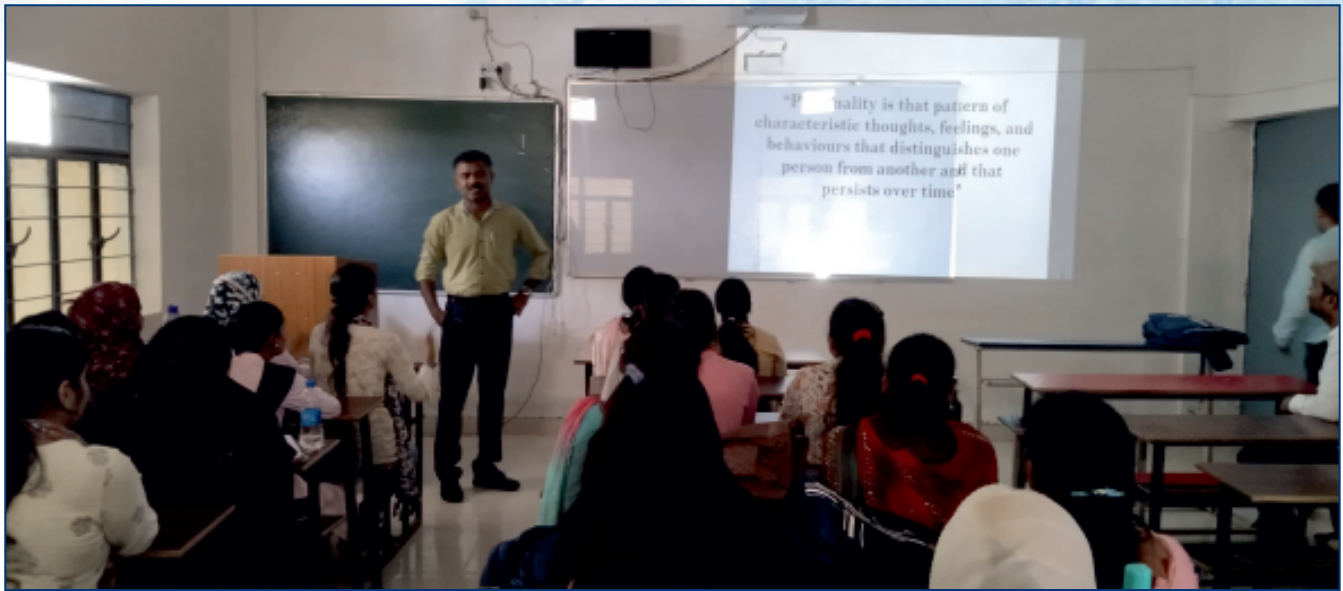
Language is the essential means of communication which plays a pivotal role in the field of education. To develop the all four language skills (LSRW) of our pupil teachers, our college is having a well-established language lab. It includes the facilities of audio-visual appliances like microphone, audio recorder, and audio video recording CDs, T.V., Projector and Speakers etc.

FREE TRANSPORT



At Subhwanti Institute of Education, we are committed to making education accessible and convenient for all our students. To ensure ease of commute, we offer a Free Transport Facility for students across select routes. Our fleet of well-maintained buses, equipped with safety features, provides reliable transportation to and from the institute, making the daily journey safe and hassle-free. This service helps students focus on their learning without worrying about transportation logistics. Your education is our priority - let us take care of the rest!

DIGITAL CLASSROOM



At Subhwanti Institute of Education, we embrace modern teaching methodologies by integrating advanced technology into our learning environment. Our Digital Classrooms are equipped with interactive smart boards, high-speed internet, and multimedia tools, ensuring an engaging and immersive learning experience. These classrooms provide students with access to vast online resources, real-time collaboration, and personalized learning opportunities. By blending traditional teaching with digital innovation, we prepare our students for a dynamic future in education and beyond.

SEMINAR HALL



Events is planned and organized by SIE throughout the year and to cater to these events' SIE has its own seminar hall with capacity to accommodate all students. Our state-of-the-art Seminar Hall is designed to facilitate an engaging learning environment for workshops, seminars, and academic events. Equipped with modern audio-visual technology, comfortable seating, and excellent acoustics, the hall offers an ideal space for hosting conferences, guest lectures, and interactive sessions. With a spacious layout and a professional ambiance, the Seminar Hall reflects our commitment to fostering a dynamic platform for intellectual exchange and knowledge-sharing.

PLACEMENT CELL



At Subhwanti Institute of Education, we take pride in our dedicated Placement Cell, which plays a pivotal role in shaping the future of our students. The Placement Cell actively connects students with leading MNCs, Bank & Insurance sectors and Leading Organizations and Corporate offering them a wide range of employment opportunities. Our team provides career counseling, organizes training sessions, and conducts mock interviews to ensure students are well-prepared for their professional journey. With strong industry ties and a focus on holistic development, the Placement Cell strives to achieve excellent placement outcomes year after year.

STUDENT SUPPORT

Student Support Process



The college makes sure that every day is special and celebrated with pride. By observing important days and holding celebrations, we help our students gain valuable skills. They also get chances to take part in inter-college competitions, showing their talents in management games, sports and cultural activities. Each year, we organize field trips and excursions, where students visits industries, varies research centers to learn and grow.





SUBHWANTI

INSTITUTE OF EDUCATION

Pachaura, Siwan - 841226

SCHOOL OF INFORMATION SCIENCE & MANAGEMENT

Recognised by All India Council for Technical Education (A.I.C.T.E)
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