

Placement Brochure

**School of Technology
Management & Engineering**

2020-2025



About NMIMS, Indore



Mission

In keeping with the university's mission to provide good quality socially sensitive human resources to the nation, the mission of NMIMS, Indore is to be an institution of excellence for learning & collaborative research in Management with a deep commitment to people.

Vision

In order to attain the stated mission, the campus has identified certain niche disciplines in the field of management to excel in and accordingly the stated vision is to inculcate the 'learner centric' approach in management education.



SHRI AMRISH PATEL, Chancellor, NMIMS

Our significant journey in the field of education started in the year 1981 when Shri Vile Parle Kelavani Mandal (SVKM) established the now world famous, Narsee Monjee Institute of Management Studies (NMIMS) in Mumbai. This was done to cater to the growing demand for management education in our country. The management institute, which was initially recognised by the Mumbai University, was accorded the Deemed to be University status in 2003 by the Government of India on UGC's recommendation. This was in recognition to NMIMS' contribution to management education, industry and institution building. Our focus has been to innovate and create educational programs that are relevant to the needs of the industry and society.

Today, NMIMS has 17 schools and 16 disciplines. Its programs are in the fields of management, engineering & technology management, pharmaceutical sciences, architecture, biological and nano sciences, business, commerce and economics, law, liberal arts, design, entrepreneurship and family business, hospitality management, agricultural sciences & technology, mathematical sciences, etc. It is today a multidisciplinary and multi campus institution accredited by national bodies like NAAC and NBA at the highest level. Its management institution is accredited by AACSB, and its Bengaluru and Hyderabad programs are accredited by AMBA. It has always been NMIMS's goal to enhance the employability of graduates. The programs are backed by research, a sound curriculum and delivered by faculty who have been educated and trained at some of the best educational institutions in the country and abroad. The NMIMS academic infrastructure is at par with the best in the world today. Besides, with the faculty actively engaged in academic research, we are committed to making NMIMS a centre for outstanding learning experience. We believe that given the socioeconomic dynamics of our nation, NMIMS has a special role to play in enhancing the employability of young Indians and helping the economy acquire a competitive edge. I welcome you to discover our University

DR RAMESH BHATT VICE - CHANCELLOR, NMIMS



While all stakeholders have dutifully adopted the new normal and found innovative ways to maximise pedagogy outcomes, it is the faculty who have striven tirelessly to deliver their sessions by connecting them to real-life situations and recent advancements in their respective professions to ensure that the students emerged as a full rounded professional with the right admixture of learning, skills, approach and ethics. With the abatement of the pandemic, we have safely opened up our campus while keeping all the safety norms in place.

This new campus focuses on developing future professional leaders by utilizing a highly innovative teaching pedagogy, a sophisticated blend of theory and practice, and an effort to produce thinkers and problem solvers with all-around training. This campus' MBA professionals and graduates go through a positive transformation in order to realize their potential, hone their abilities and foster intellectual development. It is because of our committed professors & staff members from the academic and legal industry who help the students reach their full potential. We cordially invite you to join our MBA class of 2021- 23 and 2022-24 for campus engagement programs at NMIMS, Navi Mumbai. Our students are enthusiastic and prepared to succeed in every aspect of their lives and careers.

PROF. (DR.) ANSHUMAN JASWAL

DIRECTOR, NMIMS INDORE



On behalf of the members of the Management, Faculty, Staff and Students of the SVKM's NMIMS Indore campus, I am delighted to welcome you. We are privileged to have the exceptional vision of our Chancellor Hon. Shri Amrish R. Patel - President of Shri Vile Parle Kelavani Mandal (SVKM), one of the most respected and august educational institutions in India.

Our progressive Vice Chancellor Hon. Dr. Ramesh Bhat has laid down a four-pillar strategic view to steer us in an efficient and effective manner towards the achievement of our vision. These four pillars are:

1. **Research:** Knowledge creation which is relevant, applied, and can be integrated with our classroom teaching.
2. **Teaching Excellence:** Enhanced teaching and learning through our "Assurance of Learning" System.
3. **Branding:** Making NMIMS known and recognized for its academic excellence and the most preferred institution of learning, through our brand building efforts.
4. **Stakeholders' Aspirations:** Aligning with stakeholders and meeting their aspirations.

We intend to make our Indore campus the most preferred destination - not only for undergraduate, post graduate, and doctoral students, but also for practicing managers. We aspire to add value in Environmental, Social and Governance aspects through meeting various stakeholders' expectations. Academic Integrity and Discipline are the values which we believe are forming the backbone to our ecosystem. This will ultimately culminate in the holistic development of our outgoing students, and additionally reflect in our placement statistics.



Associate Dean and Associate Professor

Dr. Vikas Khare

(PostDoc, PhD, M.Tech, MBA, B.E, FSASS)
Certified Energy Manager-
Bureau of Energy Efficiency, India
Certified Data Analyst- IIT Madras



As the Dean of STME, I aim to blend academic rigor with practical application. All our PhD faculty members bring extensive research and industry experience. We ensure students master theoretical knowledge and practical skills, preparing them to excel in the industry and become future leaders and innovators.



Dr. Munendra Jain
Computational Atomic Physics



Dr. Dharmendra Sharma
Information Retrieval, Machine Learning, Data Analysis, Data Visualization and Modeling, Text Mining



Dr. Nidhi Asthana
Applied Mathematics and Analytics



Dr. Jitendra Patel
Member Advisory Council Harvard Business Review since September 2014.



Dr. Ankur Ratmele
Opinion Mining & SentimentAnalysis, NLP, Machine Learning

Core Faculties



Dr. Mahipal Gadhavi
Finance and
Management,



Dr. Divya Gautam
Computer Networks,
Information Security,
Cyber Security, AI/ML,



Dr. Ajit Singh
Dynamical
System



Dr. Pushpanjay Singh
Computational fluid dynamics
Refrigeration and air conditioning
Multiphase flow



Dr. Raj Gaurav Mishra
Data Science, Deep
Learning



Dr. Shruti Sharma
Machine Learning, Data
Science, Deep Learning,
Database Management
Systems,



Dr. Gaurav Paliwal
Healthcare, IoT, Machine
learning



Dr. Abhaydeep Seth
Computer Security
Formal Verification
Intrusion Detection
System Design

Core Faculties

MBA(TECH.)

The MBA(TECH.) program is a comprehensive five-year integrated course that combines a **Bachelor of Technology (B.Tech) in computer science and a Master of Business Administration (MBA) in technology management.** This dual degree program is designed to equip students with a robust foundation in engineering principles while simultaneously imparting essential business management skills.

Throughout the program, students engage in rigorous technical coursework, gaining expertise in their chosen engineering discipline. In parallel, they are introduced to key concepts in business administration, including finance, marketing, operations, and strategy.

Total Credits- 223



Technical Foundations

1st YEAR			
Semester I	Credits	Semester II	Credits
Chemistry	5	Basic Electrical Engineering	5
Programming for Problem Solving	5	Physics	5
Mathematics-I	4	Mathematics-II	4
English	3	Engineering Graphics and Design	4
Workshop / Manufacturing Practices	3	Constitution of India	0
Total	20	Total	18

2nd YEAR			
Semester III	Credits	Semester IV	Credits
Probability and Statistics	4	Microprocessor and Microcontroller	4
Data Structures	4	Discrete Mathematics	3
Computer Networks	3	Design and Analysis of Algorithms	3
Computer Organization and Architecture	3	Principles of Economics and Management	3
Database Management Systems	3	Elements of Biology	3
Digital Logic Design	3	Theoretical Computer Science	3
Management Accounting for Engineers	2	Integral Transforms	3
Environmental Science	2	Web Programming	3
Professional Ethics	1		
Total	25	Total	25

Technical Foundations

3rd YEAR			
Semester V	Credits	Semester VI	Credits
Artificial Intelligence	3	Basic Decision making with Spreadsheet	3
Creativity and ethics in Marketing	3	Biometrics	3
Image and Video Processing	3	Business Information Visualization and Analysis	3
Mobile Application Development	3	Cyber Security	3
Operating Systems	3	Distributed Computing	3
Robotic Process Automation	3	Financial Institutions, Markets, Instruments and Services	3
Software Engineering	2	Machine Learning	3
		Interpersonal Skills	1
Total	20	Total	22

MBA Specialization Phase

4th YEAR			
Semester VII	Credits	Semester VIII	Credits
Technical Internship	4	Capstone Project	5
Cloud Computing	3	Department Elective - VI	3
Department Elective IV	3	B2B Marketing	2
Department Elective V	3	Business Analytics	2
Open Elective V	3	Business Research Methods	2
Business Statistics	2	Financial Management	2
Financial Analysis and Working Capital Management	2	Organizational Behaviour	2
Information Systems Management	2	Personal Skills For Business *	2
Marketing Management	2	Project Management	2
Operations Management	2	Design Thinking and Innovation - II	1
Quantitative Techniques	2	Spreadsheet Modelling	0
Design Thinking and Innovation I	1		
Fundamentals of Accounting	1		
Total	30	Total	23

5th YEAR			
Semester IX	Credits	Semester X	Credits
Management Internship	12	Foreign Language	2
Human Resource Management	2	Strategic Management	2
Management of Technology and Innovation	2	Sustainable Business Management Practices	2
Business Communication	2	Elective- 5	2
Elective- 1	2	Elective- 6	2
Elective- 2	2	Elective- 7	2
Elective- 3	2	Elective- 8	2
Elective- 4	2		
Total	26	Total	14



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MEDITECH

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KPMG

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cubastion
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eClerx

CTC Details

(In Lakhs)

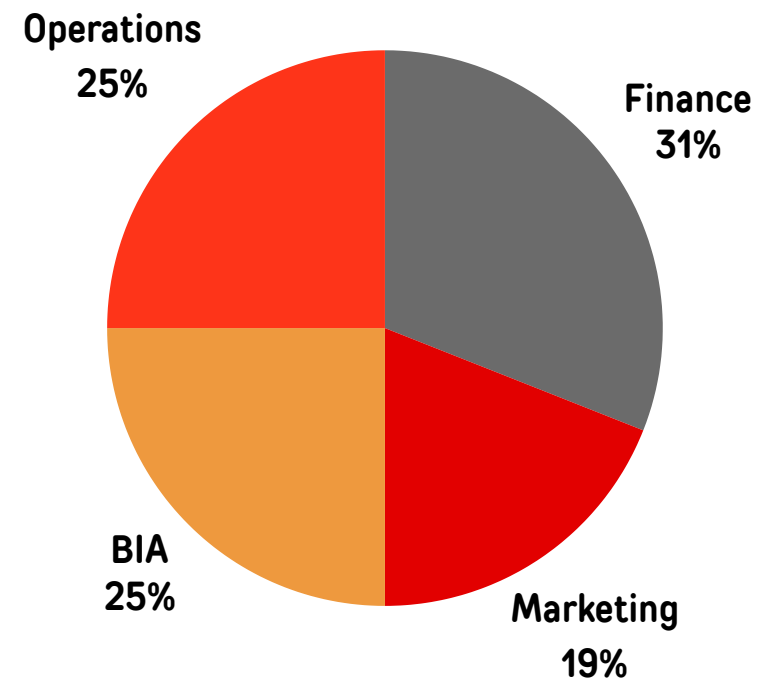
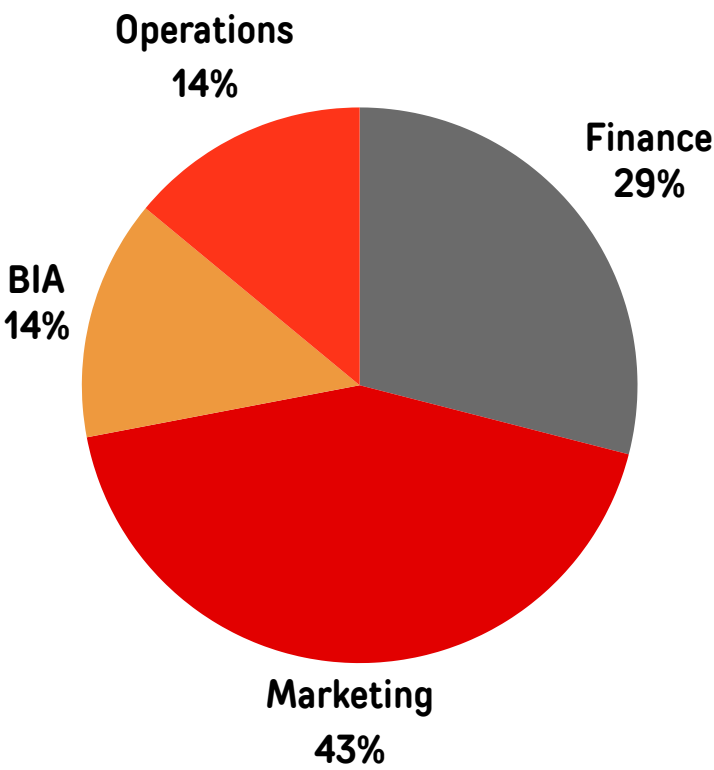
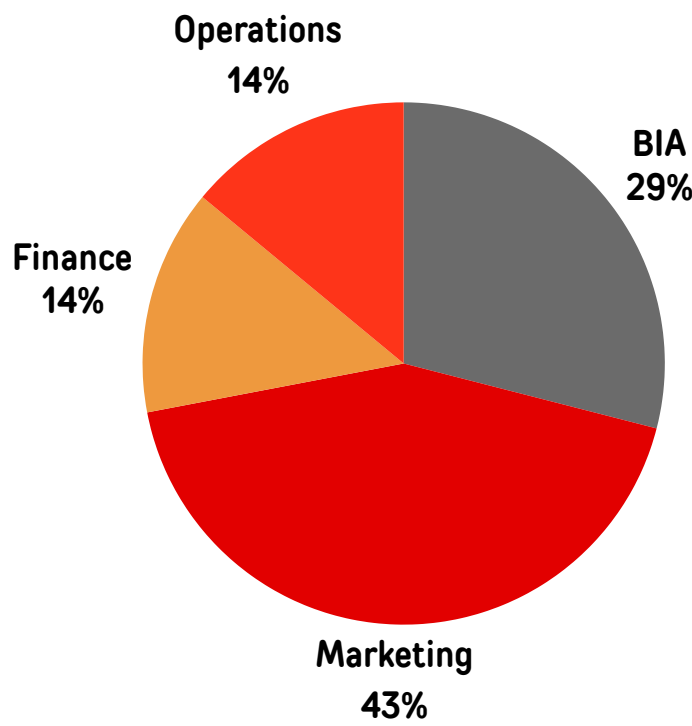
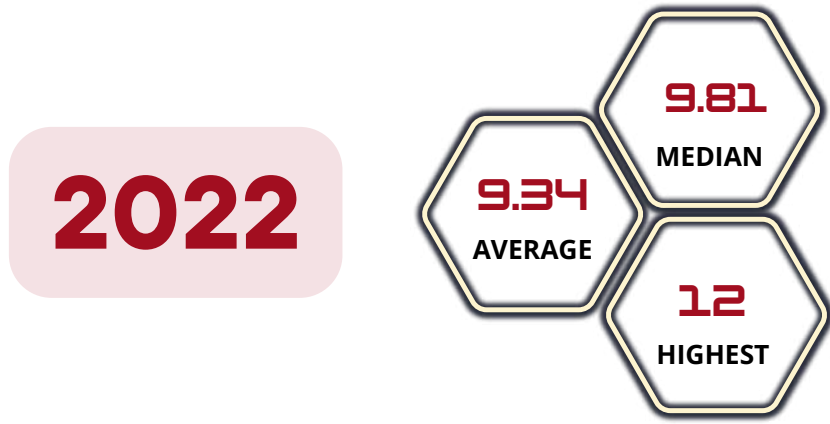
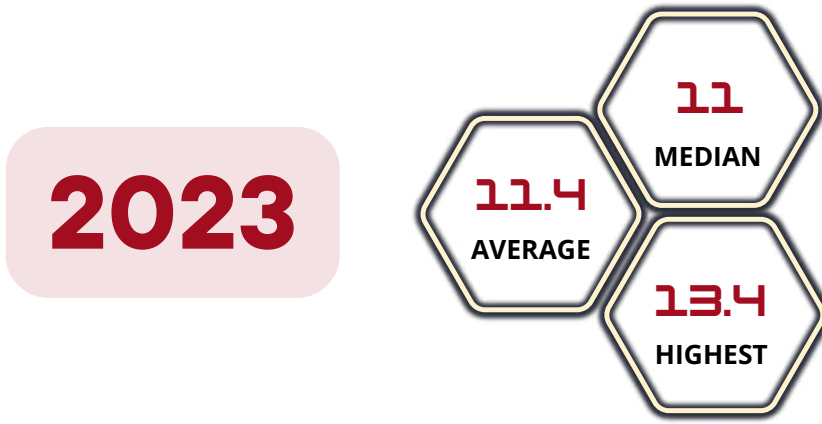
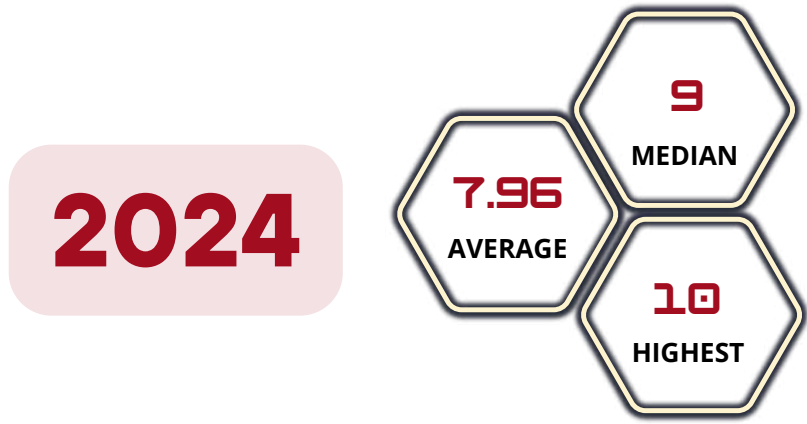


Illustration of Few Positions Offered

- Project Manager
- Management Trainee - Marketing
- Social Media Specialist
- Proposal Project Management Associate
- Management Trainee - Operations
- Business Analyst
- Associate Project Consultant
- Financial Analyst

Computer Science & Business Systems

Computer Science and Business Systems (CSBS) emerges as a highly coveted course among engineering enthusiasts, emphasizing computation, algorithm analysis, programming languages, software design, hardware principles, computer networks, and problem-solving prowess. **In this program students receive an Honours B(Tech.) degree.**

The program aims to equip students with both advanced technological expertise and essential business acumen, providing hands-on experience to prepare them for the industry. The curriculum is meticulously crafted to offer comprehensive exposure to emerging technologies such as Analytics, Deep Learning, Machine Learning, Cloud Computing, and Internet of Things, alongside fostering proficiency in Design Thinking. Additionally, it emphasizes cultivating a balanced appreciation for humanity, value-added science, and interconnected subjects, ensuring students develop a holistic understanding of their field.

Total Credits- 163



CSBS-SUBJECTS

1st Year			
Semester I	Credits	Semester II	Credits
Discrete Mathematics	3	Linear Algebra	4
Statistics Probability & Calculus	4	Statistical Methods	4
Fundamentals of Computer Science	4	Data Structure and Algorithms	4
Principles of Electrical Engineering	3	Principles of Electronic Engineering	3
Physics for Computing Science	4	Fundamentals of Economics	2
Business Communication & Value Science-I	4	Business Communication & Value Science- II	4
		Environmental Science	2
Total	22	Total	23
2nd Year			
Semester III	Credits	Semester IV	Credits
Theoretical Computer Science	3	Operating Systems	3
Computer Organization and Architecture	3	Database Management Systems	3
Object Oriented Programming	4	Software Design with UML	4
Computational Statistics	4	Introduction to Innovation, IP Management & Entrepreneurship	3
Software Engineering	3	Business Communication & Value Science - III	4
Indian Constitution	0	Operation Research	3
		Essence of Indian Traditional Knowledge	0
Total	17	Total	20

3rd Year			
Semester V	Credits	Semester VI	Credits
Design and Analysis of Algorithm	3	Computer Networks	3
Compiler Design	4	Information Security	4
Fundamentals of Management	2	Artificial Intelligence	3
Business Strategy	3	Financial & Cost Accounting	4
Design Thinking	0	Business Communication & Value Science-IV	3
Mini Project	1	Elective-II	4
Elective-I	4		
Total	17	Total	21
4th Year			
Semester VII	Credits	Semester VIII	Credits
Technical Internship Program	4	Services Science & Service Operational Management	4
Usability Design of Software Application	3	IT Project Management	4
IT Workshop	3	Marketing Management	2
Financial Management	2	Elective V	4
Human Resource Management	2	Elective VI	4
Elective-III	4	Project-II	2
Elective-IV	4		
Project-I	1		
Total	23	Total	20

Computer Engineering

The Computer Engineering Department focuses on producing graduates with strong technical and managerial skills, ready to contribute to industry and society at both national and international levels. Through a comprehensive curriculum and innovative teaching methods, the department aims to provide a solid foundation, promoting excellence in higher education, research, and professional careers that adapt to evolving technology.

The program prepares graduates to succeed in modern engineering practices and entrepreneurship, integrating into local and global workforces. Emphasizing professional growth, ethical standards, and lifelong learning, the curriculum ensures students can solve complex engineering problems, design socially responsible solutions, communicate effectively, make informed decisions, and work collaboratively in diverse teams.

Total Credits- 150



CE-SUBJECTS

1st Year			
Semester I	Credits	Semester II	Credits
Calculus	4	Linear Algebra and Differential Equations	4
Physics	4	Quantum and Statistical Physics	3
Biology	3	English Communication	3
Programming for Problem Solving	3	Basic Electrical and Electronics Engineering	3
Engineering Graphics and Design	3	Data Structures and Algorithms	3
Professional Ethics	1	Design Thinking	0
Constitution of India	0	Workshop Practice	2
Critical Thinking	0		
Total	18	Total	18
2nd Year			
Semester III	Credits	Semester IV	Credits
Probability and Statistics	3	Complex Variables and Transforms	4
Discrete Mathematics	3	Computer Organization and Architecture	3
Environmental Science	2	Design and Analysis of Algorithms	3
Management Accounting for Engineers	2	Principles of Economics and Management	3
Digital Logic Design	3	Microprocessor and Microcontroller	4
Database Management Systems	3	Theoretical Computer Science	3
Computer Networks	3	Web Programming	3
Community service	0		
Total	19	Total	23

CE-SUBJECTS

3rd Year			
Semester V	Credits	Semester VI	Credits
Software Engineering	3	Cyber Security	3
Artificial Intelligence	3	Distributed Computing	3
Image and Video Processing	4	Machine Learning	3
Operating Systems	3	Basic Electrical and Electronics Engineering	3
Department Elective I	3	Department Elective II	3
Open Elective I	3	Department Elective III	3
Open Elective II	3	Open Elective III	3
		Open Elective IV	
Total	22	Total	21
4th Year			
Semester VII	Credits	Semester VIII	Credits
Cloud Computing	3	Major Project	12
Department Elective IV	3		
Department Elective V	3		
Department Elective VI	3		
Open Elective V	3		
Minor Project	2		
Total	17	Total	12

Artificial Intelligence and Data Science

The Artificial Intelligence and Data Science integrated course prepares students for excellence in Data Science, AI, Machine Learning, and Management. It equips students with the skills to extract valuable insights using scientific methods and algorithms, making them valuable assets to industry and society globally. The program emphasizes strong analytical aptitude, problem-solving skills, and multifaceted development through a relevant curriculum and industry linkages.

Graduates will excel as Data Scientists, Engineers, and AI/ML experts, capable of solving real-world problems ethically and adapting to evolving trends. Key outcomes include the ability to tackle complex engineering problems, design solutions considering societal impacts, communicate effectively, make informed ethical decisions, work collaboratively, conduct experiments, analyze data, and engage in lifelong learning.

Total Credits- 152



AI/DS-SUBJECTS

1st Year			
Semester I	Credits	Semester II	Credits
Calculus	4	Linear Algebra and Differential Equations	4
Physics	4	Quantum and Statistical Physics	3
Environmental Science	2	Probability and Random variables	3
Programming for Problem Solving	3	Basic Electrical and Electronics Engineering	3
Engineering Graphics and Design	3	Data Structures and Algorithms	3
English Communication	1	Design Thinking	0
Constitution of India	0	Elements of Biology	2
Critical Thinking	0	Digital Manufacturing Laboratory	1
Total	17	Total	19
2nd Year			
Semester III	Credits	Semester IV	Credits
Discrete Mathematics	3	Operating Systems	3
Random processes and Estimation Techniques	4	Statistical Methods	3
Database Management Systems	3	Machine Learning	4
Computer Organization and Architecture	3	Signal and Image Processing	4
Intelligent Systems - I	3	Optimization Techniques	3
Python Programming	1	Management Accounting for Engineers	2
Technical Communication	1	Integral Transforms	3
Principles of Economics and Management	3		
Total	21	Total	22

AI/DS-SUBJECTS

3rd Year			
Semester V	Credits	Semester VI	Credits
Computer Networks	3	Intelligent Systems - II	3
Deep Learning	3	Programing for Data Analysis	3
Natural Language Processing	3	Software Engineering	3
Department Elective I	3	Interpersonal Skills	1
Department Elective II	3	Department Elective III	3
Open Elective I	3	Department Elective IV	3
Open Elective II	3	Open Elective III	3
		Open Elective IV	
Total	21	Total	21
4th Year			
Semester VII	Credits	Semester VIII	Credits
Human Computer Interaction	3	Project	10
Computer Vision	3		
Distributed Computing	3		
Business Visualization	2		
Department Elective V	3		
Open Elective V	3		
Capestone Project	4		
Total	21	Total	10

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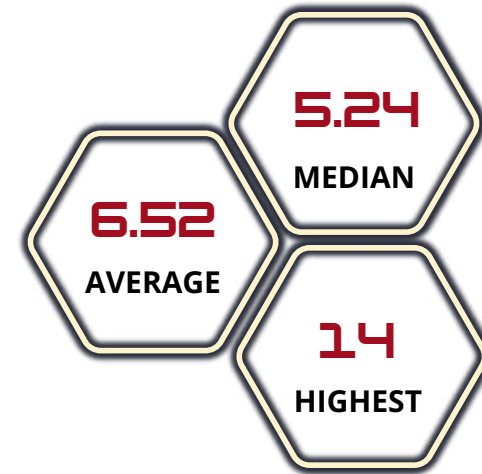


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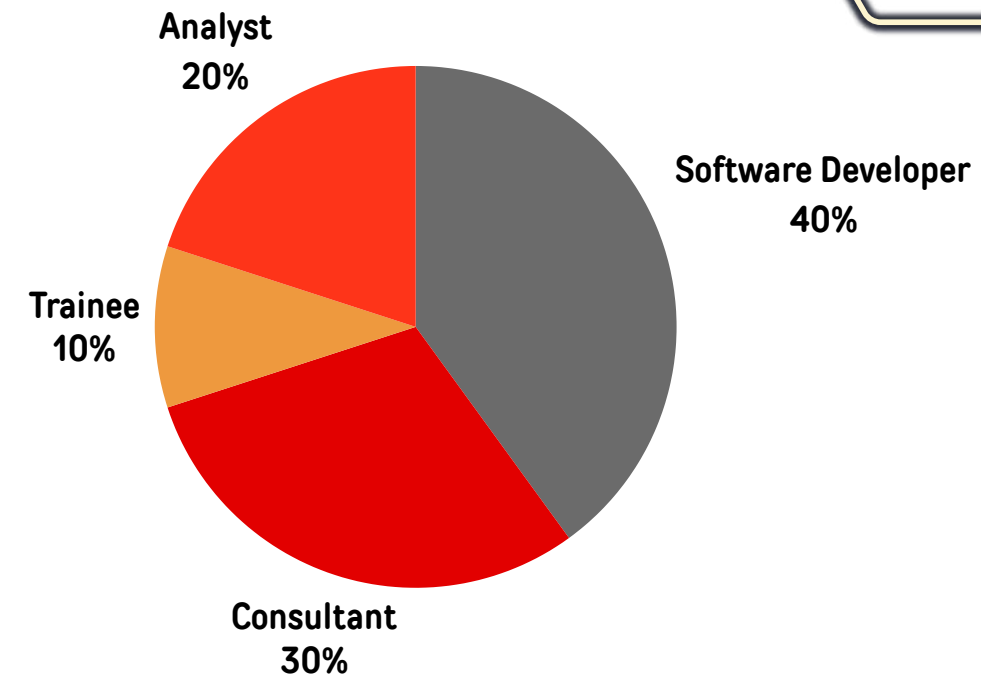
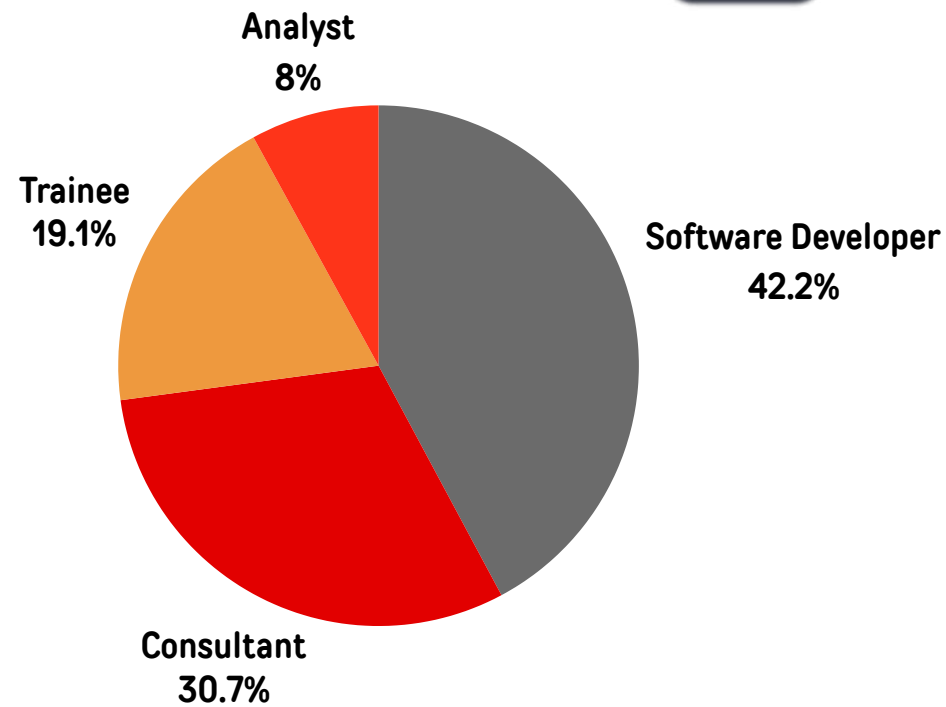
(In Lakhs)



2023



2024



Illustrations of a few roles offered

- Jr. Business Analyst
- Oracle Functional Consulting
- Technical Consulting
- System Engineer
- Shopify Developer
- Software Developer
- Cloud Consultant
- Associate Full stack Developer

Achievements



Won the Smart India Hackathon 2023, and were awarded with a 5.5 Lakh grant. They created Machine Learning models for ensuring optimum utilization of parking spaces



Three of our students had their project selected by the Department of Science and Technology, India. They were invited to the Confederation of Indian Industry (CII) in Chandigarh.



Finalists in the Kavach Cyber Security Hackathon. (A unique opportunity for higher institutional Students and Startups in India to submit their innovative ideas/concepts under the different problem statements.)

Prominent Guest Lectures



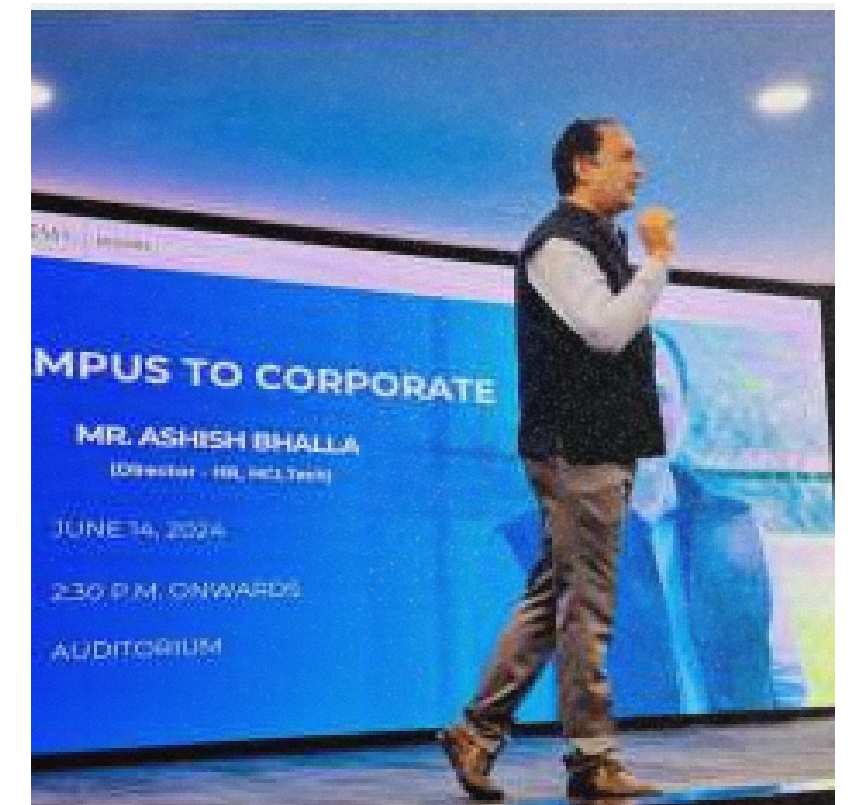
AMERICAN EXPRESS

Dr. Sachin Gulati
Head of Campus Recruitment, India



MPHASIS

Mr. Joshua David
India Campus Lead



HCL-TECH

Mr. Ashish Bhalla
Director - HR

Thank You

“ *The moment we think that innate talent, rather than perseverance and diligence, determines achievement, we will get easily rattled in the face of difficulty.*

- Rudresh Agaskar -

Joint Director Placements,
NMIMS, Indore



Contact-
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rudresh.agaskar@nmims.edu

“ *As the Placement Coordinator, I am proud to witness the exceptional talent and dedication of our students. Our university fosters a nurturing environment that equips them with the skills and knowledge needed to excel in their careers. We are committed to bridging the gap between academia and industry, ensuring our students embark on successful professional journeys.*

- Yashika Sharma -

Placement Coordinator, School of
Technology Management &
Engineering, NMIMS, Indore



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