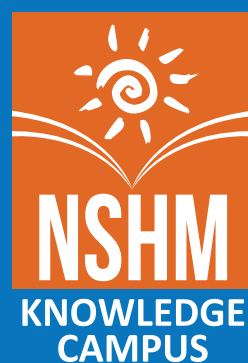


# COMPUTING & ANALYTICS

Master the world of technology



**Disclaimer:** This information booklet of NSHM Knowledge Campus was published in February 2023, and the information given was correct at that time. It is intended primarily for those considering admission to the college in the year 2023. We reserve the right to modify any statement if necessary, to make variations to this content or methods of delivery of programmes of study, to discontinue programmes or to merge or combine programmes. If such action is reasonably considered by the college, every resort will be made not to do so, notice of any changes will be given and the college will use all reasonable endeavours to provide a suitable alternative. Information about specific entrance requirements is intended as a guide only. For campus specific details, please visit the respective NSHM Knowledge Campus at Kolkata and Durgapur. All disputes are to be settled within the jurisdiction of Kolkata for all NSHM Knowledge Campuses.

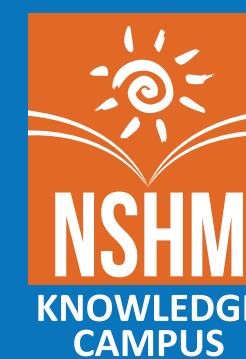
**NSHM Knowledge Campus,  
Durgapur**  
Established by NSHM Academy  
Arrah, Shibtala via Muchipara,  
Durgapur 713 212 | Ph: 0343 2533813/14

**NSHM Knowledge Campus,  
Kolkata**  
Established by HCG Charitable Trust  
124, B. L. Saha Road, Kolkata 700 053  
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[www.nshm.com](http://www.nshm.com)



# NSHM Knowledge Campus

**NSHM Knowledge Campus**, with a legacy of over 25+ years in providing quality education, with campuses in Kolkata and Durgapur. Being one of Eastern India's pioneering institutions, NSHM offers multidisciplinary UG & PG programmes under Business & Management, Hotel & Tourism Management, Health Sciences, Media, Design, Computing & Analytics, Engineering & Technology, and Nursing.

## **New Age Programmes**

We have always wondered about the future and experimented with offering full-time degree programmes that are futuristic to meet India's evolving needs as well as being globally accepted. New age degree programmes in AI & Machine Learning, Digital Health, Cyber Security, Yoga, Data Science, Fashion Design & Culinary Science have been added over the last 5 years to provide interested students an opportunity to learn and explore exciting career options in these emerging fields.

## **Youth Connect Initiatives**

Every year we have driven initiatives to host eminent personalities from diverse fields to interact, empower and share their experiences with our students. Inspire the Champion in You, NSHM's flagship annual event, where diverse speakers ranging from Dr. Shashi Tharoor, Member of Parliament, to legendary footballer Pele have visited our campuses and interacted with our students. Other events like Vectra, Y-Comm, Login are also held annually to create platforms for students to showcase their talents.







More than

60+

Degree  
Courses

8

Schools

Over

30K

Alumni

Our  
Legacy

26+

Years of  
Excellence  
in Education

2

Campuses  
Kolkata &  
Durgapur

# Affiliations, Accreditations & Awards



## **Maulana Abul Kalam Azad University of Technology, West Bengal (MAKAUT)**

- NSHM's courses are affiliated to & degrees are awarded by MAKAUT



## **All India Council for Technical Education (AICTE)**

- AICTE is responsible for proper planning and coordinated development of the technical education and management education system in India
- NSHM's course contents and curriculum design, teaching methodologies, student intake norms, etc., are approved by AICTE, as applicable



## **West Bengal University of Health Sciences (WBUHS)**

- The nursing courses are affiliated to and degrees are awarded by WBUHS



## **Pharmacy Council of India (PCI)**

- NSHM's UG and PG Pharmacy courses are accredited by the Pharmacy Council of India



## **West Bengal Nursing Council (WBNC)**

- NSHM's GNM Diploma programme is approved by the West Bengal Nursing Council



## **National Assessment and Accreditation Council (NAAC)**

- NSHM Knowledge Campus, Kolkata & Durgapur are accredited by NAAC, as applicable



## **National Board of Accreditation (NBA)**

- NSHM's UG pharmacy programmes are accredited by NBA



# Programmes Offered

## **NSHM Institute of Computing & Analytics**

B.Sc. - Data Science  
B.Sc. - Cyber Security  
Bachelor of Computer Applications (BCA)  
Master of Computer Applications (MCA)\*\*  
M.Sc. - Data Science & Analytics\*  
M.Sc. - Information & Cyber Security\*

## **NSHM Business School**

Bachelor of Business Administration  
BBA - Hospital Management  
BBA - Global Business  
BBA - Sports Management  
BBA - Banking & Finance  
BBA - Supply Chain Management  
BBA - Accountancy, Taxation & Auditing  
MBA+ Harvard Business School Online  
Master of Business Administration (MBA)  
Master of Hospital Administration

## **NSHM Institute of Engineering & Technology**

B.Tech. - Civil Engineering  
B.Tech. - Electrical Engineering  
B.Tech. - Mechanical Engineering  
B.Tech. - Electronics & Communication Engineering  
B.Tech. - Computer Science Engineering  
B.Tech. - Computer Science Engineering (Data Science)  
B.Tech. - Computer Science Engineering (Artificial Intelligence & Machine Learning)

## **NSHM Institute of Hotel & Tourism Management**

B.Sc. - Culinary Science  
B.Sc. - Hospitality & Hotel Administration  
B.Sc. - Hospitality & Hotel Administration (Europe Internship)  
BBA - Travel & Tourism Management  
Bachelor of Hotel Management & Catering Technology  
M.Sc. - Hospitality Management\*  
Master of Tourism & Travel Management\*

## **NSHM Institute of Health Sciences**

Bachelor of Pharmacy  
Bachelor of Optometry  
B.Sc. - Psychology  
B.Sc. - Medical Lab Technology  
B.Sc. - Medical Instrumentation & Critical Care Technology  
B.Sc. - Medical Imaging Technology  
B.Sc. - Yoga  
B.Sc. - Digital Health & Telemedicine  
B.Sc. - Dietetics & Nutrition  
Master of Optometry\*  
Master of Pharmacy - Pharmacology  
Master of Pharmacy - Pharmaceutics  
Master of Public Health  
M.Sc. - Clinical Psychology  
M.Sc. - Dietetics & Nutrition  
M.Sc. - Yoga\*  
M.Sc. - Medical Lab Technology  
M.Sc. - Medical Imaging Technology  
M.Sc. - Environmental Science

## **NSHM Design School**

B.Sc. - Fashion Design & Management  
B.Sc. - Interior Designing  
B.Sc. - Multimedia, Animation & Graphics  
B.Sc. - VFX Film Making  
M.Sc. - Fashion Management  
M.Sc. - Animation & Graphic Design

## **NSHM Media School**

B.Sc. - Film & Television  
B.Sc. - Media Science  
M.Sc. - Film & Television  
M.Sc. - Media Science

## **NSHM Institute of Nursing**

B.Sc. - Nursing\*\*  
Diploma in General Nursing and Midwifery (GNM)

\*Hybrid Learning (Online + Offline) Blended Classes Option offered at Kolkata Campus

\*\*Approval awaited



# Academic Partners







# Student Development Initiatives

## Comprehensive Skill Development Programmes

BCA students are provided training in ASP.NET and MySQL integrated development, PHP and android application development. Special training is also offered in co-curricular areas like web application development, android application, parallel programming using CUD, information security & ethical hacking, Python, etc.

## National Programme for Technology Enabled Learning (NPTEL)

NPTEL offers open online courses on emerging technologies to the students which help them enhance their employability skills.

## Co-curricular Activities

The college encourages students to join clubs like photography, cultural, debating, nature, adventure sports and training etc.

## Employability Programme

This programme keeps our students abreast of the happenings in the international job market. In addition to gaining in-depth knowledge in their respective curriculums, the students get a definitive edge for higher employability.

## Knowledge Partners

Data Science - Analytics Society of India (DCAL, IIM Bangalore)  
IoT - Subex, Bangalore and CDAC, Bangalore  
Security - CyberOps, Jaipur; National Cyber Safety & Security Standards, Delhi and Quick Heal, Pune

## Research & Development

ActivitiesState-of-the-art hardware and software labs offer the students hands-on training in Embedded System Design, Mobile Computing and Image Processing. Currently, there are three research and development teams working on Cryptography, Reconfigurable Computing and Embedded Design & Image Processing. The departmental library is also rich with national and international publications and journals.



## Choice Based Extended Learning

CBEL is Choice Based Extended Learning (CBEL) which is an exciting design to bring NSHM learners across all programmes and levels (UG-to-PG) in a cohort of a CBEL programme, as per their choice. NSHM is one of the top education centres in India that offers 50+ CBEL programmes of 20-40 hours duration under 9 baskets.

The baskets are replete with curated multidisciplinary programmes of useful and productive learning beyond the programmes of study of a learner. Moreover, CBEL will be all about active learning and is intended to extend the joy of learning through engaging activities. The maximum a learner can choose per semester is 4 programmes and the minimum is 1 programme.







## Choice Based Extended Learning

### **Business Management**

Courses: Brand Management | Sustainable and Ethical Studies | Integrated Marketing Communication | Luxury Brand Management Market ability of Indian Craftsmanship | Social Entrepreneurship | Managing Work Force Diversity | Logistics and International Supply Chain Management | Lateral Thinking using De Bono's Six Thinking Hats | Essentials of Entrepreneurship | Business Plan Formulation & Pitching

### **Communication & Creative Studies**

Courses: Cinematography | Set Design | History of Art | Aesthetics | Sculpting | Event Management  
Press & Public Relations | Product Photography | Design Thinking | Designing a Powerful Presentation | Effective Communication through Theatre | Music, Arts, and Acting Appreciation | Monetising Social Media

### **Health & Wellness Management**

Courses: Economic Evaluation of Various Diseases | Legal Issues in Health Care | Health Insurance Management | Ophthalmic Product Development | Self-practitioner Optometrist | Metrics for Public Health | Clinical Data Management | Health Data Analytics | Pharmacokinetics with Calculations | Pharmaceutical Product Development | Mental Wellness | Yoga for Resilient and Resonant Personality Development | Yoga for Health Management | Wellness through Sports and Fitness Management

### **IT & Analytics**

Courses: Research and Data Analysis | Working with Data | Field-survey Project-based Qualitative Analysis of Data | Data Privacy in the Digital Business | Data Analytics with Excel | Industry 4.0

### **Language & Linguistic Studies**

Courses: French | German | Sanskrit for Beginners | Phonetics, Linguistics, and Literature Appreciation

### **Professionalism & Skill Enhancement**

Courses: Image Development | Professional Attitude for Customer Service | Scientific Writing | Designing Impactful Presence | Emotional Intelligence

### **Socio-cultural Studies**

Courses: Universal Human Values | Indian Knowledge System: Introduction to Manuscriptology and Palaeography

### **Entrepreneurship**

Courses: Organic Product Making - Farm and Non-farm

### **Hospitality Management**

Courses: International Travel Formalities | Tourism Destination Management | Customer Relationship Management in Tourism



# Experiential Learning

The Centres of Excellence at NSHM Knowledge Campus are committed to the holistic development of its students by grooming talented professionals through unique programmes and initiatives.



## CENTRE FOR CREATIVE & PERFORMING ARTS

Aangan is a creative platform where NSHMites learn and showcase their creativity. Aangan features both traditional and contemporary training programmes. A fresh basket of training programmes is offered in every semester by the trainers from various creative disciplines. Aangan works closely with the student community and clubs of NSHM.



## CENTRE FOR INNOVATION & INCUBATION

Determined to provide team-designed, team-delivered, experience-based and community-based applied learning, NSHM has endeavoured to create this unique platform and has christened it as TAG. This centre inspires, motivates and cultivates the innate human curiosity to bring out the genius in our students, taking them ahead on the path of creation, innovation and entrepreneurship.





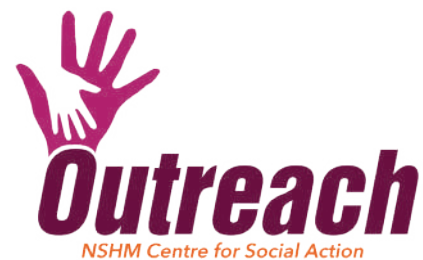
## CENTRE FOR SPORTS & WELLNESS

UDAY aims at contributing to the personal, physical & psychological growth and well-being of students, creating a sporting environment in NSHM. With its state-of-the-art fitness training & gym facilities, UDAY organises regular fitness training programmes and also organises various sports activities and events round the year. The centre is also committed to nurturing young sporting talents through regular training camps and practice.



## CENTRE FOR LANGUAGE AND COMMUNICATION

NSHM CLC ensures the development of people skills among its students so that they are able to connect with the industry and its people, thereby emerging as successful professionals. Apart from conducting regular English and business communication classes, the centre conducts regular evening classes on the English language, foreign languages & employability skills.



## CENTRE FOR SOCIAL ACTION

Outreach is involved in contributing to social causes by mobilising student volunteers to participate in various outreach activities, often in collaboration with charitable organisations and NGOs. It is a platform through which students and individuals can connect with the society and its people.





# Computing & Analytics

India is the world's largest sourcing destination for the Information Technology (IT) industry, and is estimated to expand at a CAGR of 9.5% to USD 300 billion by 2022. This sector is in need of a constant influx of professionals trained in global industry practices who should have the ability to adapt to its constantly evolving demands.

Similarly the demands of the data analytics industry are also expected to shoot through the roof in the coming years. With big data showing no signs of slowing down, there's a rush among global giants to hire data analytics and scientists to tame their business critical big data corpus.

So, those opting to pursue these disciplines will be equipped with analytical and technical knowledge that is according to the latest trends & practices of their respective industries which is primarily driven by innovation.

In addition to these unique classroom approaches, we have also partnered with the Analytics Society of India at DCAL, IIM Bangalore to establish the Analytics Society of India, Kolkata Chapter. This collaboration provides our students and professionals with access to guided analytics learning, webinars, masterclasses, workshops, and certification programs, ensuring they stay updated on the latest developments in the field. Students also get the opportunities to learn from stalwarts in the field of computing & analytics like Prof. Indranil Bose, (IIMA), Prof Dinesh Kumar (IIMB), and many more. Bridging the gap between academics and industry is very important, thus partners like NASSCOM FutureSkills, Eduskills, Celonis, National Cyber Safety & Security Standards, Amazon Educational Service (AES), and many more help students in their holistic development.





# Courses Offered

**Bachelor of Computer Applications (BCA)**

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**B.Sc. - Data Science**

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**B.Sc. - Cyber Security**

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**Master of Computer Applications\* (MCA)**

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**M.Sc. - Data Science & Analytics**

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**M.Sc. - Information & Cyber Security**

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\*Approval awaited





# Bachelor of Computer Applications (BCA)

## First Semester

### Academic Curriculum

Programming For Problem Solving  
Programming For Problem Solving Lab  
Digital Electronics  
Digital Electronics Lab  
Soft Skills  
General Elective Paper - Basic Mathematics And Statistics

### NSHM Value Added Curriculum

Basics Of HTML and PHP  
Effective Thinking  
Communication Skills Boot camp –I  
Stress Management through Yoga

## Second Semester

### Academic Curriculum

Discrete Structure  
Computer Architecture  
Computer Architecture Lab  
Environmental Science  
General Elective Paper - Principle Of Management

### NSHM Value Added Curriculum

Communication Skills Boot camp –II  
Introduction of C++  
AICTE-EduSkills Virtual Internship-Process Mining

## Third Semester

### Academic Curriculum

Object Oriented Programming  
Object Oriented Programming Lab  
Operating System  
Operating System Lab  
Data Structure And Algorithm  
Data Structure Lab  
Value And Ethics Of Profession  
General Elective Paper - Presentation Skills And Excel Basics For Data Analysis

### NSHM Value Added Curriculum

J2EE course with live project  
Software Engineering using UML  
Artificial Intelligence  
An Introduction to R Programming  
Practice Coding with C#

## Fourth Semester

### Academic Curriculum

Database Management System  
Database Management System Lab  
Software Engineering  
Software Engineering Lab  
Python Programming  
Python Programming Lab  
Entrepreneurship  
General Elective Paper - Professional Communication

### NSHM Value Added Curriculum

Linux System Administration  
AICTE-Eduskills Virtual Internship-Redhat  
Android/IOS App Development  
NoSQL – MongoDB



**Fifth Semester**

Academic Curriculum	NSHM Value Added Curriculum
Internet Technology Internet Technology Lab Computer Networking Computer Networking Lab Elective Paper - A. Cloud Computing B. Design & Analysis Of Algorithm C. Information & Coding Theory D. Numerical And Statistical Methods E. Gui Programming With .Net F. Theory Of Computation G. Combinatorial Optimization H. Information Security Industrial Training & Minor Project	Training Program On Data Analysis Using Statistical Tools. Robotic Process Automation Automate With Arduino Programming and Node JS Big Data Hadoop

**Sixth Semester**

Academic Curriculum	NSHM Value Added Curriculum
Unix And Shell Programming Unix And Shell Programming Lab Cyber Security Elective Paper - A. Introduction To Data Science B. Introduction To AI And Machine Learning C. Digital Image Processing D. Digital Marketing. E. E-Commerce F. Advanced Database And PL/SQL G. Soft Computing Major Project & Grand Viva	Artificial Intelligence (AI), Machine Learning (ML) Applications With Advance Python Programming Language Application Development Using KOTLIN AICTE-Eduskills Virtual Internship On AWS.





# B.Sc. - Data Science

## First Semester

### Academic Curriculum

English  
Discrete Mathematics  
Introduction to Statistical theory and methods  
Database Management System

### NSHM Value Added Curriculum

Communication Skills Bootcamp-1  
AWS Virtual Cloud  
Playing with Data  
On Field Data Collection - 1

## Second Semester

### Academic Curriculum

Soft-Skill for Business  
Introduction to Statistics and Probability  
Introduction to Programming using Python  
Linear Mathematics  
Advanced MS Excel

### NSHM Value Added Curriculum

Conversation & Dialogue Building (part 1)  
Alteryx Data Analytics  
Spatial Data Analysis  
Exploratory Data Analysis

## Third Semester

### Academic Curriculum

Data Structures and Algorithms  
Data Warehousing and Mining  
Statistical theory of Hypothesis testing  
Data visualization using Business Intelligence  
Web Foundation

### NSHM Value Added Curriculum

Declamation & Dictational Skills (part 1)  
Celonis process mining  
Data Wrangling  
Statistical Thinking in Research

## Fourth Semester

### Academic Curriculum

Data visualization  
Statistical Analysis using SPSS  
Introduction to Regression Analysis  
Generalized Linear Models  
Project- 1

### NSHM Value Added Curriculum

Conversation & Dialogue Building (part 2)  
Palo Alto Cyber Security  
BigML  
On Field Data Collection – 2

## Fifth Semester

### Academic Curriculum

Advanced Programming in Python  
Data Security  
Time Series  
Web Intelligence  
Introduction to AI & ML

### NSHM Value Added Curriculum

Communication Skills Bootcamp 2  
Blueprism RPA  
DataLake Framework  
Advanced Exploratory Data Analysis

## Sixth Semester

### Academic Curriculum

Big Data Analysis  
Major Project & Viva Voci

### NSHM Value Added Curriculum

Declamation & Dictational Skills (part 2)  
Industry Internship  
Deep Dive into Data Architecture  
Advanced Statistical Thinking in Research



# B.Sc. - Cyber Security

## First Semester

MAKAUT Course	NSHM Value Added Course
Fundamentals of Computing – using C Language Mathematics and Statistics Basic Mathematics and Statistics English Communication	Communication Skills Bootcamp 1 Beauty of Mathematics Playing with Data

## Second Semester

MAKAUT Course	NSHM Value Added Course
Computer Architecture & Object Oriented Concepts Data Structures and Algorithms Environmental Science Operating System with Linux	Java Programming Systems Programming with C Cybersecurity Awareness in Society

## Third Semester

MAKAUT Course	NSHM Value Added Course
Ethical Hacking and Systems Defence Cyber Systems & Cyber Threat and Modelling Vulnerability Analysis, Penetration Testing, and Incident Handling Operating System and Linux Principles of Management	Network Programming Advanced Linux Systems Business Continuity & Disaster Recovery

## Fourth Semester

MAKAUT Course	NSHM Value Added Course
Cryptography & Information Security Software Engineering & Software Design with UML Advanced Computer Network & Security GE Paper: Professional Communication Database Management	Data Visualization with Excel/Python Data Wrangling with Python Communication Skills Bootcamp 2

## Fifth Semester

MAKAUT Course	NSHM Value Added Course
Cyber Forensics Malware Analysis Design and analysis of Algorithm Design and analysis of Algorithm Lab Information and Coding Theory	Data Protection in Cloud Computing Securing IoT Networks Securing Data Storage

## Sixth Semester

MAKAUT Course	NSHM Value Added Course
Artificial intelligence Digital commerce Introduction to data science Major Project/Internship	Security Risk and Vulnerability Assessment Report Social Media Security Industry Visit





# Master of Computer Applications (MCA)

## First Semester

Academic Curriculum	NSHM Value Added Curriculum
Programming Concept with Python Relational Database Management System Computer Organisation & Architecture Discrete Mathematics Constitution of India Stress Management through Yoga Ethics in Business Profession	Communication Skills Bootcamp – I Effective Thinking Beauty of Mathematics Public Speaking Bootcamp Bootcamp on Yoga & Stress Management

## Second Semester

Academic Curriculum	NSHM Value Added Curriculum
Data Structure with Python Operating System Object Oriented Programming with JAVA Networking Probability & Statistics Introduction to Cyber Security Introduction to IoT	Communication Skills Bootcamp – II Coding with Python C/C++ Programming Bootcamp - I AICTE-EduSkills Virtual Internship on AWS Data Analytics/Cyber Security/Juniper/Blue Prism Programming the IOT using Raspberry & MongoDB

## Third Semester

Academic Curriculum	NSHM Value Added Curriculum
Software Engineering using UML Artificial Intelligence Design & Analysis of Algorithm Image Processing Web Enabled JAVA Programming Cloud Computing Web Technology using PHP	Practice Coding with C# Hands on experience with Basic Web Designing using HTML & CSS AICTE-EduSkills Virtual Internship on AWS Cloud using Advanced HTML, CSS & Bootstrap Hands-on Experience with Web Development using JQuery & Javascript, Java & PHP

## Fourth Semester

Academic Curriculum	NSHM Value Added Curriculum
Open Electives preferably be opted from the NPTEL/SWAYAM Platform	Learn Web Development using PHP Hands-on Experience with Android Programming the IOT using Raspberry & MongoDB Practice on Professional Web Designing



# M.Sc. - Information & Cyber Security

## First Semester

MAKAUT Course	NSHM Value Added Curriculum
Discrete Mathematics Linear Algebra Computer Networks Design and Analysis of Algorithm Python Programming Lab Design and Analysis of Algorithm Lab	Beauty of Mathematics IoT Networks Advanced Data Structures Python for Data Security

## Second Semester

Academic Curriculum	NSHM Value Added Curriculum
Cryptography Operating Systems Bayesian Networks Pattern Recognition and Machine Learning Network Security Firewalls and Virtual Private Networks Machine Learning Lab	Steganography Data Recovery Deep Learning Data Wrangling with Python

## Third Semester

Academic Curriculum	NSHM Value Added Curriculum
Information Security Risk Management Biometric Security Data Privacy Intrusion Detection & Prevention Systems Wireless and Mobile Device Security Linux Systems Security Lab Wireless Security Lab	Penetration Testing and Ethical Hacking Data Protection in Cloud Computing Minor Project in Streaming Data Analysis Data Visualization

## Fourth Semester

Academic Curriculum	NSHM Value Added Curriculum
Security in Cloud Computing Social Network Analysis Major Project Grand Viva	Cyber Forensics Industry Visits





# M.Sc. Data Science & Analytics

## First Semester

Academic Curriculum	NSHM Value Added Curriculum
Statistical Methods Data Base Management System Operating System Fundamentals of Analytics Analytics Lab I DBMS Lab OS Lab using Linux/Unix	Communication Skills Bootcamp 1 AWS virtual Cloud Spatial Data Analysis On-field Data Collection 1

## Second Semester

Academic Curriculum	NSHM Value Added Curriculum
Modeling Techniques Object Oriented Analysis and Design Modern Computing Scenario Data Communication and Networking Cloud Computing Object Oriented Programming Lab Analytics Lab II	Conversation & Dialogue Building Alteryx Data Analytics Data Wrangling Exploratory Data Analysis

## Third Semester

Academic Curriculum	NSHM Value Added Curriculum
Time Series Analysis and Forecasting Data Mining Big Data Technology Design and Analysis of Algorithm Machine Learning Data Mining Lab Big Data Technology and OLTP Lab	Declamation & Dictational skills AWS solution architect BigML On-field Data Collection 2

## Fourth Semester

Academic Curriculum	NSHM Value Added Curriculum
Internet of Things Soft Computing Major Project Grand Viva	Communication Skills Bootcamp 2 AWS AI/ML training DataLake Framework Advanced Exploratory Data Analysis





# Career Direction

The courses provide a plethora of career options for the students to explore in IT and analytics. Some of them are:

- Advertising Graphics
- Animation
- AI Product Designer & Manager
- Big Data Analysts
- BPO/ITES
- Business Intelligence
- Content Provider
- Cloud Computing
- Computer Games Designing
- Computer and Data Processing Services
- Computer System Analysis
- Computer Technical Support
- Cryptographic Expert
- Cyber Legal Service
- Data Analysis
- Data Mining or Big Data Engineer
- Data Scientist
- Data Warehousing
- Database Administration
- Database Development
- Demographics
- Equity Quantitative Analysis
- Ethical Hacking
- Financial Advising
- Forensic Expert
- Freelancer/Entrepreneur
- Graphic Artist
- Hardware/Software Design and Development
- Interactive Visual Designer
- Internet of Things
- IT Consultancy
- IT Infrastructure Management
- Machine Intelligence
- Mobile App Development
- Multimedia Professionals/Flash Developers
- New Media
- Network Security & Network Engineering

- Networking and Systems Administration
- Operations Research Analysis
- OS Development
- Penetration Tester
- Programme/Project Manager
- Programming and Development
- Publishing Houses
- Quantitative Risk Analysis
- Research
- Security Code Auditor
- Security Software Developer
- Software Engineering
- Software Project Management
- Software Quality Management
- Software Testing
- Solution Architect
- Statistics
- System Integration
- Sound Experts
- Teaching/Trainer
- Treasury Management
- User Experience Researcher
- Web Programming & Designing





# Placement

The placement cell works round-the-year to create internship and placement opportunities for the students.

**UNISYS**



**Tech  
Mahindra**

**SAP**

**amazon**

**accenture**

**Atos**



**Cognizant**

**Infosys**

**cts**

**IBM**

**Capgemini**

**HCL  
HCL INFOSYSTEMS**

**flipkart.com**



# Success Stories



**Aman Prasad**  
Q Spiders



**Amrita Ohdedar**  
EY



**Garbita Ghosal**  
Amazon



**Saraswan Chakraborty**  
HExaware





# Success Stories



**Ankita Khaitan**  
Capgemini



**Simran Banerjee**  
TCS



**Subhajit Das**  
Wipro



**Zayima Rahman**  
Cognizant



# Success Stories



**Sucheta Sukla Sarkar**  
Snowflake



**Suman De**  
SAP



**Suprabhat Ganguly**  
Accenture



**Utsav Dutta**  
Amazon Web Services



# Events & Activities







# Events & Activities

