



**SICSR**

**SYMBIOSIS INSTITUTE OF COMPUTER STUDIES AND RESEARCH**

[Constituent of SYMBIOSIS INTERNATIONAL (DEEMED UNIVERSITY) - Re-accredited by NAAC with "A" Grade]  
Established under section 3 of the UGC Act, 1956 vide notification No. F 9-12/2001-U 3 of Government of India

# MSc CA BATCH OVERVIEW 2022-2024

EMAIL: [PLACEMENTS@SICSR.AC.IN](mailto:PLACEMENTS@SICSR.AC.IN) | MOBILE NUMBER : +91 9423009798

# ABOUT SICSR

SICSR, celebrating its 38th year, is one of the first Institutes in Maharashtra to offer high quality computer education. SICSR is located in the heart of Pune City. Our location, our broad portfolio of academic IT programmes, our talented and diverse student body, and our dedicated faculty members work together to create an educational experience that is relevant, enriching, and uniquely Symbiosis. SICSR has an outstanding IT infrastructure available to support the programmes besides its excellent book collection and reference library





**SICSR**

# WHY SICSR?



**Expert Faculty +  
Industrial Experts**



**Industry Based  
Curriculum**



**Distinguished  
Alumni**



**Cultural and  
Technological  
Events**



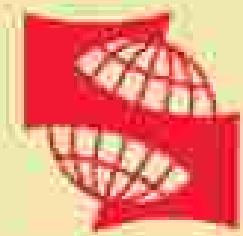
**Latest Tools &  
Technology  
Training**



**SIU Campus  
Connect + City  
Center Campus**



**SICSR**



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**SYMBIOSIS**  
INSTITUTE OF COMPUTER STUDIES  
AND RESEARCH

# **COURSE OVERVIEW**

The M.Sc. Computer Applications is the master level programme offered to graduated students at SICSR. There is a balance of theoretical and practical courses with various specialisations. Students are encouraged to conduct dissertation, project, research activities for getting the hands-on experiences.



# SPECIALIZATIONS

## DS DATA SCIENCE

- Understanding fundamental principles of Data Science using latest market trends
- Hands on learning across our various labs
- Makes it easy to branch out into subsets like Machine Learning and Computer Vision

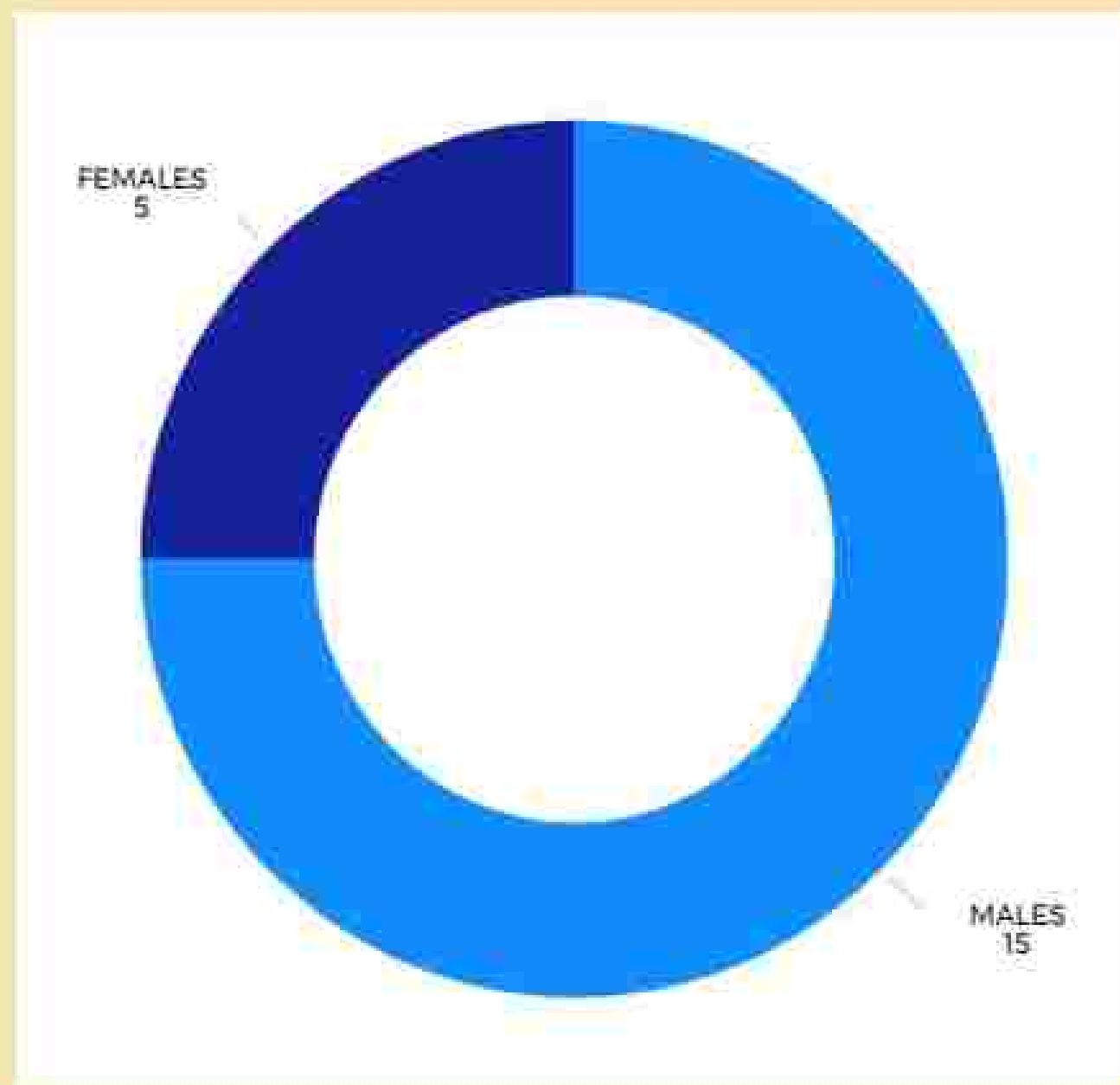
## SD SOFTWARE DEVELOPMENT

- Understanding the software build process according to latest demands
- Gaining familiarity with modern testing practices
- Outcome is confident developers who can ship production ready code

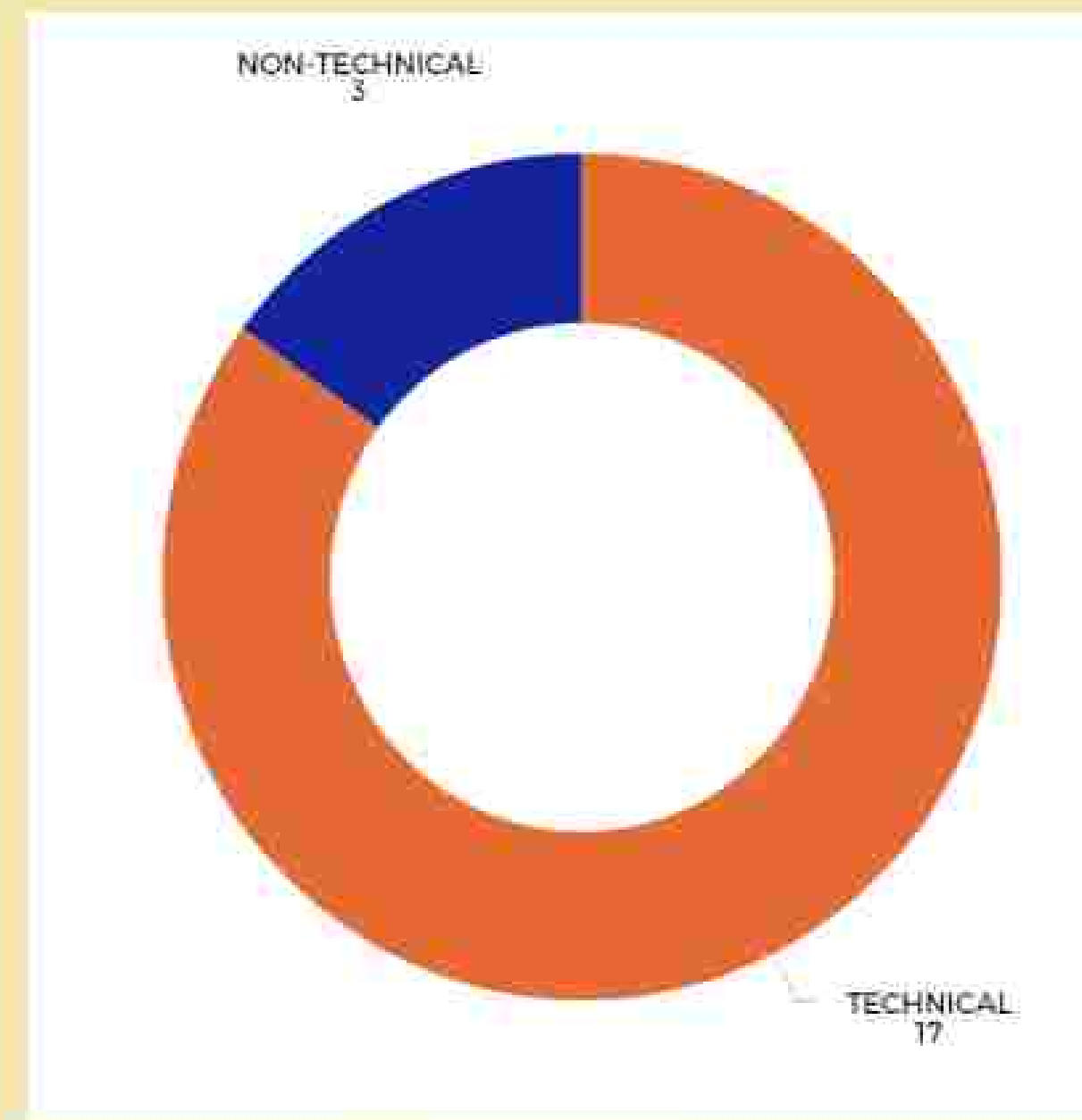
# BATCH STATISTICS MSc.CA

**TOTAL NUMBER OF STUDENTS : 20**

## GENDER RATIO



## TECHNICAL BACKGROUND

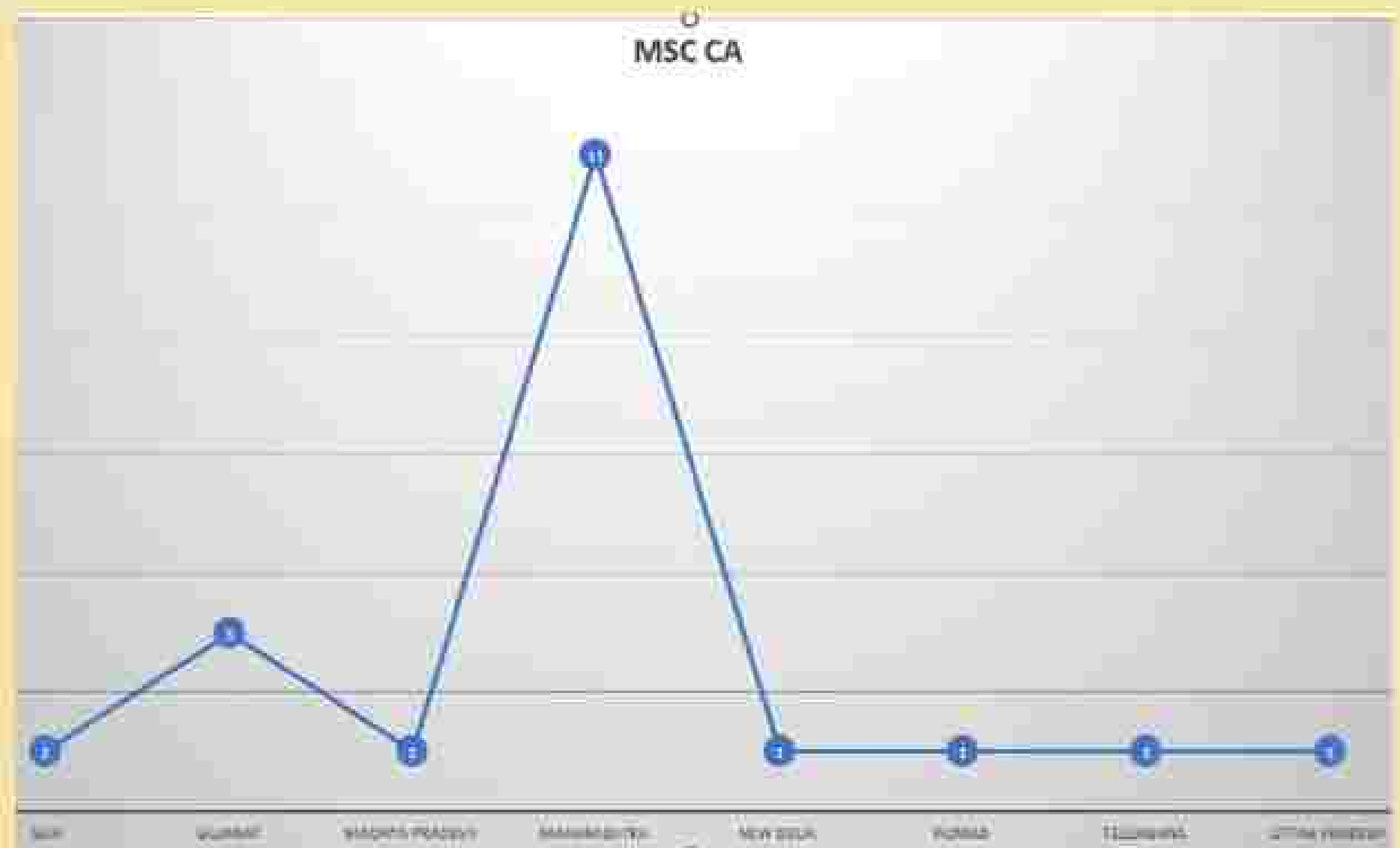
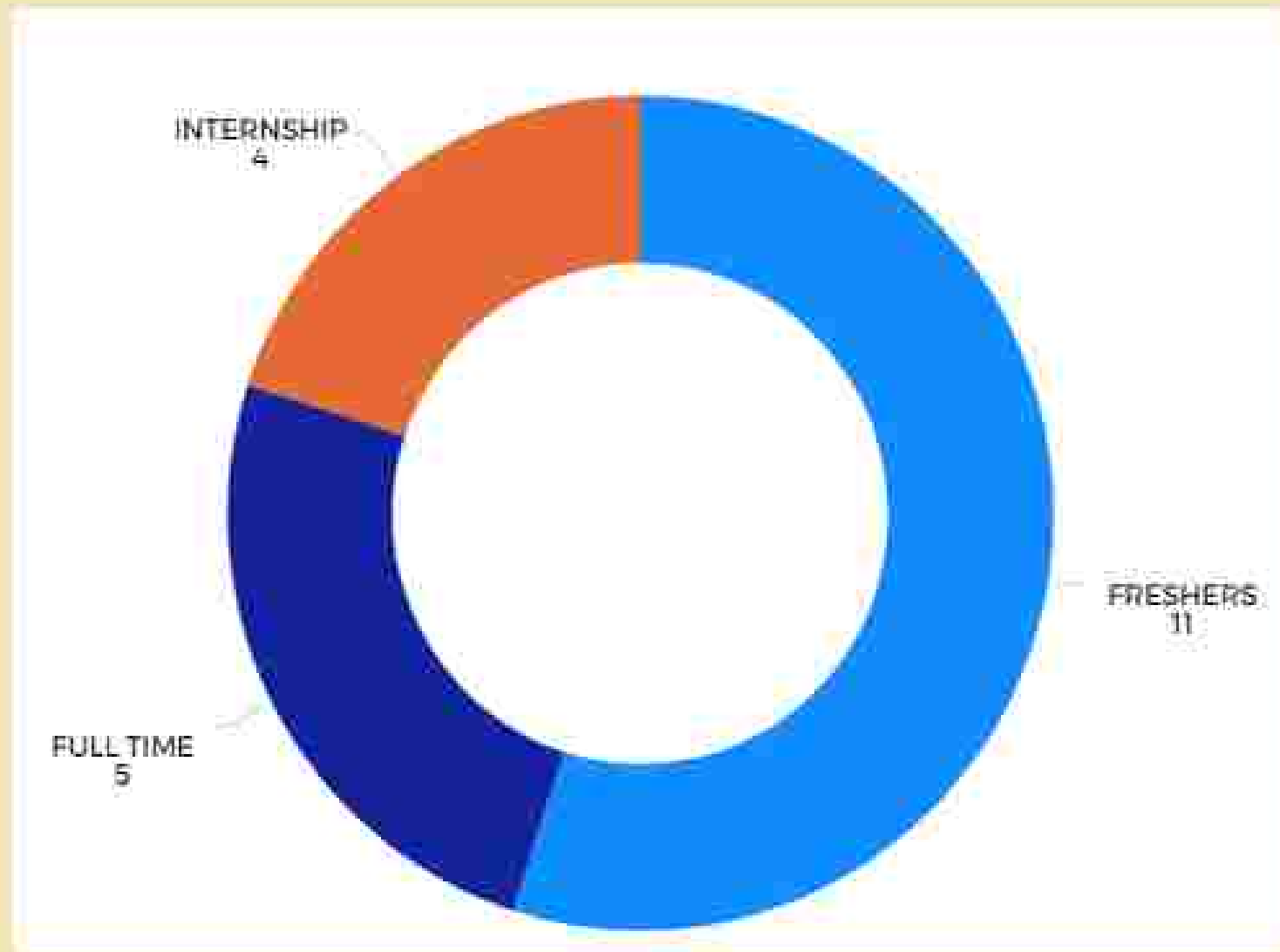


# BATCH STATISTICS MSc.CA

**TOTAL NUMBER OF STUDENTS : 20**

## WORK EXPERIENCE RATIO

## GEOGRAPHICAL DIVERSITY





# GENERIC SUBJECTS MSc.CA

## SEM 1

- PYTHON PROGRAMMING
- DESIGNING CMS
- OPERATING SYSTEM FUNDAMENTALS
- RDBMS
- RESEARCH METHODOLOGY
- FUNDAMENTALS OF COMPUTER NETWORKING
- CYBER SECURITY
- DESIGN AND ANALYSIS OF ALGORITHMS

## SEM 2

- DEVOPS
- BIG DATA SYSTEMS MANAGEMENT/HADOOP
- SOFTWARE PROJECT MANAGEMENT
- SCRIPTING LANGUAGES
- SPECIALIZATION CORE AND ELECTIVE SUBJECTS
- FLEXICREDIT
- PROJECT DISSERTATION

## SEM 3

- RESEARCH PUBLICATION
- PILOT PROJECT
- SPECIALIZATION CORE AND ELECTIVE SUBJECTS
- FLEXICREDIT

## SEM 4

- INDUSTRY INTERNSHIP (4 - 6 MONTHS)





## SPECIALIZATION SUBJECTS



### DATA SCIENCE

- Data Analysis and Visualization
- Data Warehousing
- Data Analysis using Python
- Computation Methods
- Image Processing
- Machine Learning Algorithms
- Natural Language Processing
- ANN and Deep Learning



### SOFTWARE DEVELOPMENT

- Software Verification and Validation
- NoSQL Databases
- Object Oriented Analysis and Design
- Software Architectures
- Web UI and Content Management
- Software Quality Models
- Systems Programming

# BRIDGING THE GAP

Admission via PI-WAT

Knowledge Upgrade

Skill Upgrade

Readiness for  
Corporate

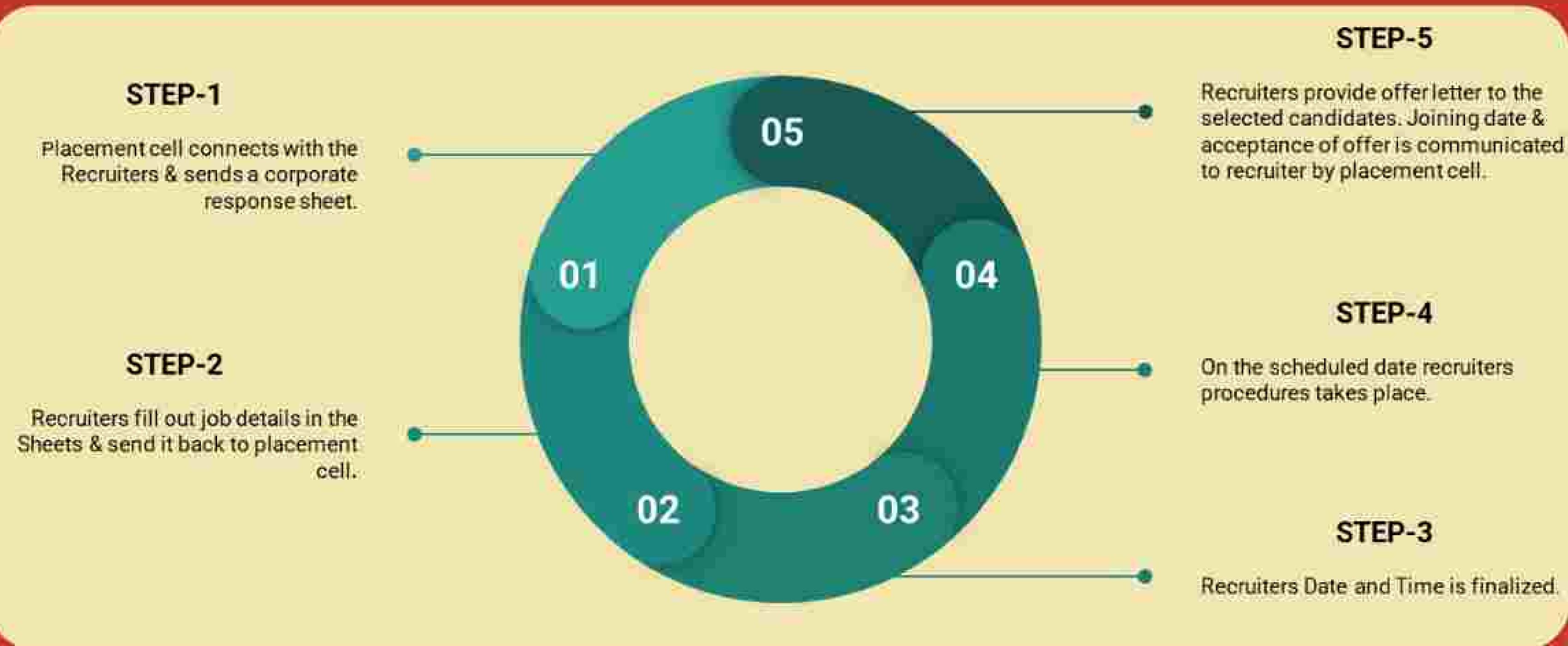
Admission Process includes PI-WAT Process to obtain the best talent pool.

The Academic / Subject Knowledge of an Individual is upgraded with the Latest Curriculum according to the Industry Standards

An Individual is trained in the latest technologies via Industry Interactions and Alumni Meets Regularly.

The Individual undergoes professional training and grooming for him/her to be ready for Corporate Life.

# PLACEMENT SEASON & PROCEDURE



# FOR QUERIES

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**BATCH : 2022-24**

**CONTACT NUMBER : +91 9423009798**

**EMAIL : [PLACEMENTS@SICSR.AC.IN](mailto:PLACEMENTS@SICSR.AC.IN)**

**LINKEDIN PROFILE : [WWW.LINKEDIN.COM/IN/SANKETKURDUKAR/](http://WWW.LINKEDIN.COM/IN/SANKETKURDUKAR/)**

**COLLEGE : [WWW.LINKEDIN.COM/SCHOOL/SICSR/](http://WWW.LINKEDIN.COM/SCHOOL/SICSR/)**

**COLLEGE PROFILE : [WWW.LINKEDIN.COM/IN/SICSR/](http://WWW.LINKEDIN.COM/IN/SICSR/)**

**WEBSITE : [WWW.SICSR.AC.IN](http://WWW.SICSR.AC.IN)**

**ADDRESS: 1ST FLOOR, ATUR CENTRE, GOKHALE CROSS ROAD, MODEL COLONY, PUNE - 411016**



**MR. SANKET KURDUKAR  
PLACEMENT OFFICER,**

**SYMBIOSIS INSTITUTE OF  
COMPUTER STUDIES AND  
RESEARCH (SICSR)**