



Indian Statistical Institute Kolkata



PLACEMENT BROCHURE 2022-2023



+91 33 2575-2001



Indian Statistical Institute
203 Barrackpore Trunk Road
Kolkata 700 108, WB, India



[https://www.isical.ac.in/
plccom@isical.ac.in](https://www.isical.ac.in/plccom@isical.ac.in)



About ISI Kolkata

- Established in 1931, Indian Statistical Institute is one of the oldest and most prestigious institutions focused on Statistics and allied disciplines such as Mathematics, CS, Economics, SQC etc.
- Founded by Professor P.C. Mahalanobis in Kolkata on 17th December, 1931, the institute gained the status of an Institution of National Importance by an act of the Indian Parliament in 1959. The Headquarters of ISI is located in Kolkata and additionally, there are four centres located in Delhi, Bangalore, Chennai and Tezpur.
- In its continual effort to achieve excellence in both postgraduate education and research work, the institute has earned an international academic reputation in the field of Statistics, Economics Computer and Allied Sciences.
- ISI Alumni have adorned Senior Leadership and Analytics roles at reputed Companies as well as distinguished faculty positions at world famous Universities. They have received numerous awards and recognition as well.
- The institute has more than 250 faculty members who are involved in novel research work and collaborations and have been honoured with the awards such as Padmashree, S.S. Bhatnagar Award etc.
- In addition to offering formal Post-graduate and Ph.D. Programs, the Institute has been involved in Continuing Education and Research & Development in areas of value to both the Industry and the Government.

Our Vision

The unique perception of nurturing Statistics as a unifying discipline, as envisioned by Professor PC Mahalanobis, and constantly enriching suitably with time and providing the basic philosophy for formulating the strategy for interlacing and encompassing newly emerging areas of research in all its scientific divisions.

Our Mission

To promote the study and dissemination of knowledge of Statistics, to develop statistical theory and methods, and their use in research and practical applications generally, with special reference to problems of planning of national development and social welfare.

To provide for, and undertake, the collection of information, investigation, projects and operational research for purpose of planning and the improvement of efficiency of management and production.

To undertake research in various fields of natural and social sciences, with a view to the mutual development of Statistics and these sciences.

To undertake any other ancillary activities in fulfillment of the objectives stated above



Content

1. Academic programmes
2. Other Campuses
3. Batch Demographics
4. Branch-wise Placement Statistics 2021-22
5. Internship Statistics 2021-22
6. Placement Policies
7. Past Recruiters
8. Placement Committee



Academic Programs

The institute offers the following degree programmes at its Kolkata Campus-

Undergraduate

- Bachelor of Statistics (Honours) [B Stat (Hons)]

Postgraduate

- Master of Statistics [M Stat]
- Master of Mathematics [M Math]
- Master of Science in Quantitative Economics [MS (QE)]
- Master of Technology in Computer Science [M Tech (CS)]
- Master of Technology in Cryptology and Security [M Tech (CrS)]
- Master of Technology in Quality, Reliability & Operations Research [M Tech (QROR)]

Research Programmes I

The Institute awards Ph D degrees for research in the following fields.

- Statistics
- Mathematics
- Quantitative Economics
- Computer Science
- Quality, Reliability & Operations Research (QROR)

Research Programmes II

The Institute also offers Junior Research Fellowships in several areas of the Natural Sciences and the Social Sciences.

- Physics
- Geology
- Biological Sciences

Diploma Programmes

The institute offers the following diploma programmes.

- Postgraduate Diploma in Business Analytics (jointly with IIT Kharagpur and IIM Calcutta) Kolkata (2 years)



Other Campuses

ISI Bengaluru

M.Math. (Masters in Mathematics)

M.S.QMS (M.S. in Quality
Management
Science)

M.S.LIS (M.S. in Library and
Information Science)

Placement website:

www.isibang.ac.in/~placement

Email: plcconv@isibang.ac.in

ISI Delhi

MSQE (M.S. in Quantitative
Economics)

Placement website:

www.isid.ac.in/~placement

Email: placement@isid.ac.in

ISI Tezpur

Post Graduate Diploma in
Statistical Methods and
Analytics

Placement website:

<http://www.isine.ac.in/placement/placement.html>

Email: placementcell@isine.ac.in

ISI Chennai

Post Graduate Diploma in
Statistical Methods and
Analytics

Placement website:

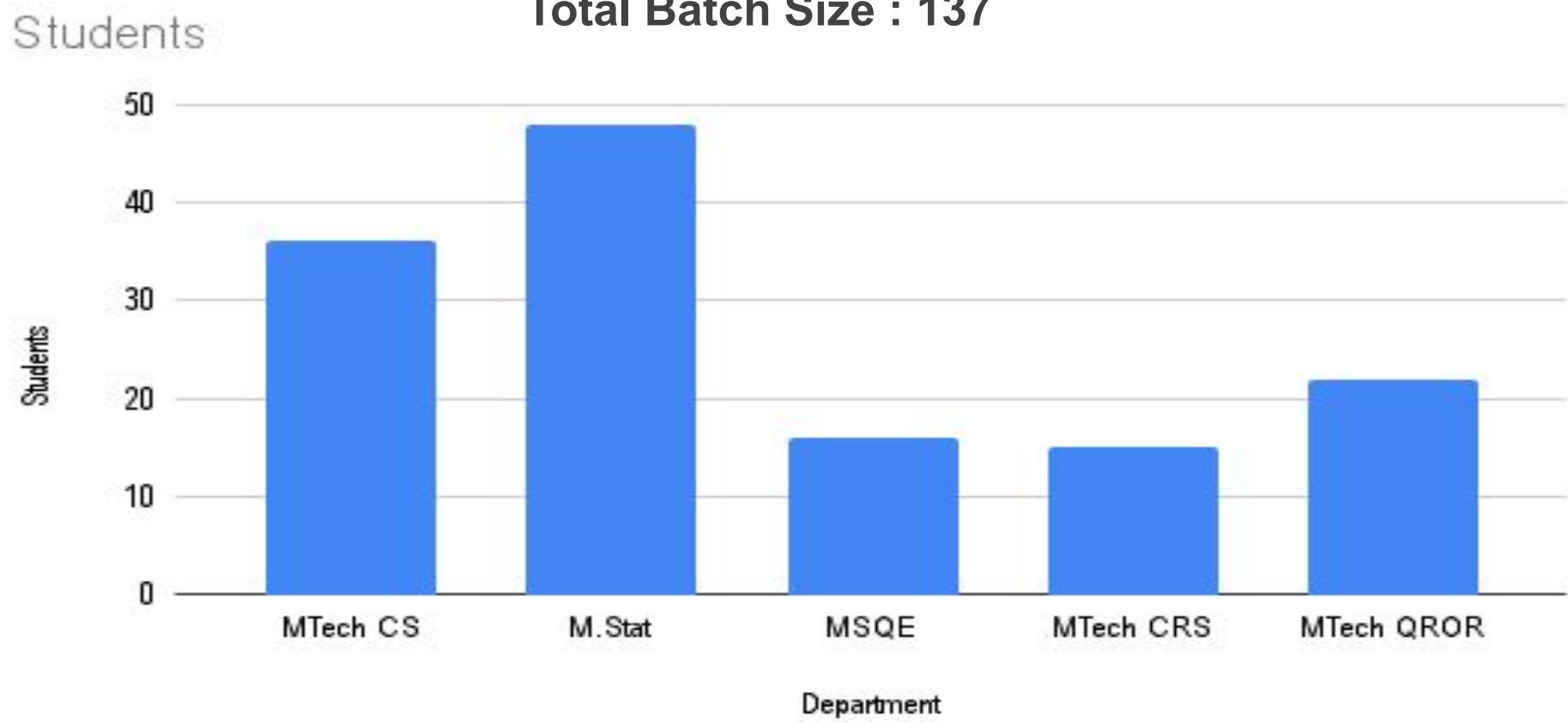
<https://www.isichennai.res.in/Placement>

Email: placements@isichennai.res.in

Batch Demographics

Department-wise distribution of students

Total Batch Size : 137



Batches available for Final Placements



Batches available for 2 months Summer Internship



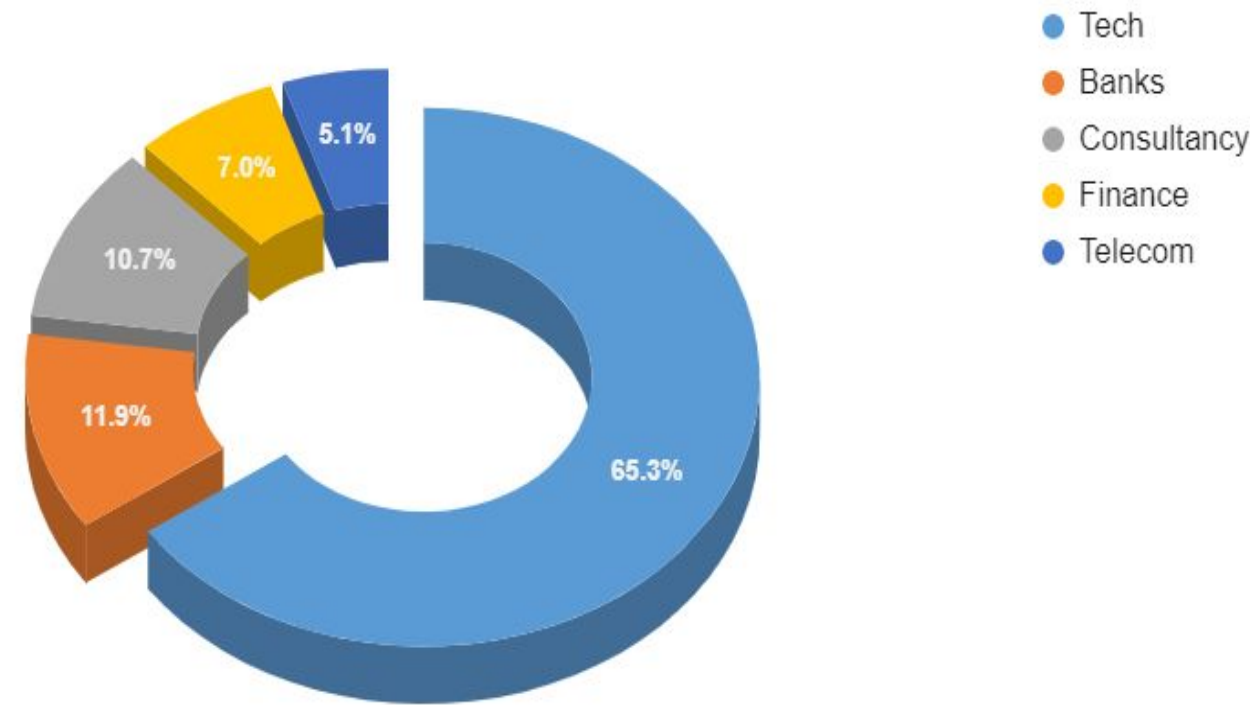
Batches available for 6 months Internship



MTech CS

Batch Size : 33

Sectors Hired



37% have prior work experience

50% have done BTech / M.Sc from IITs, NITs, JU, IIITs, IISER

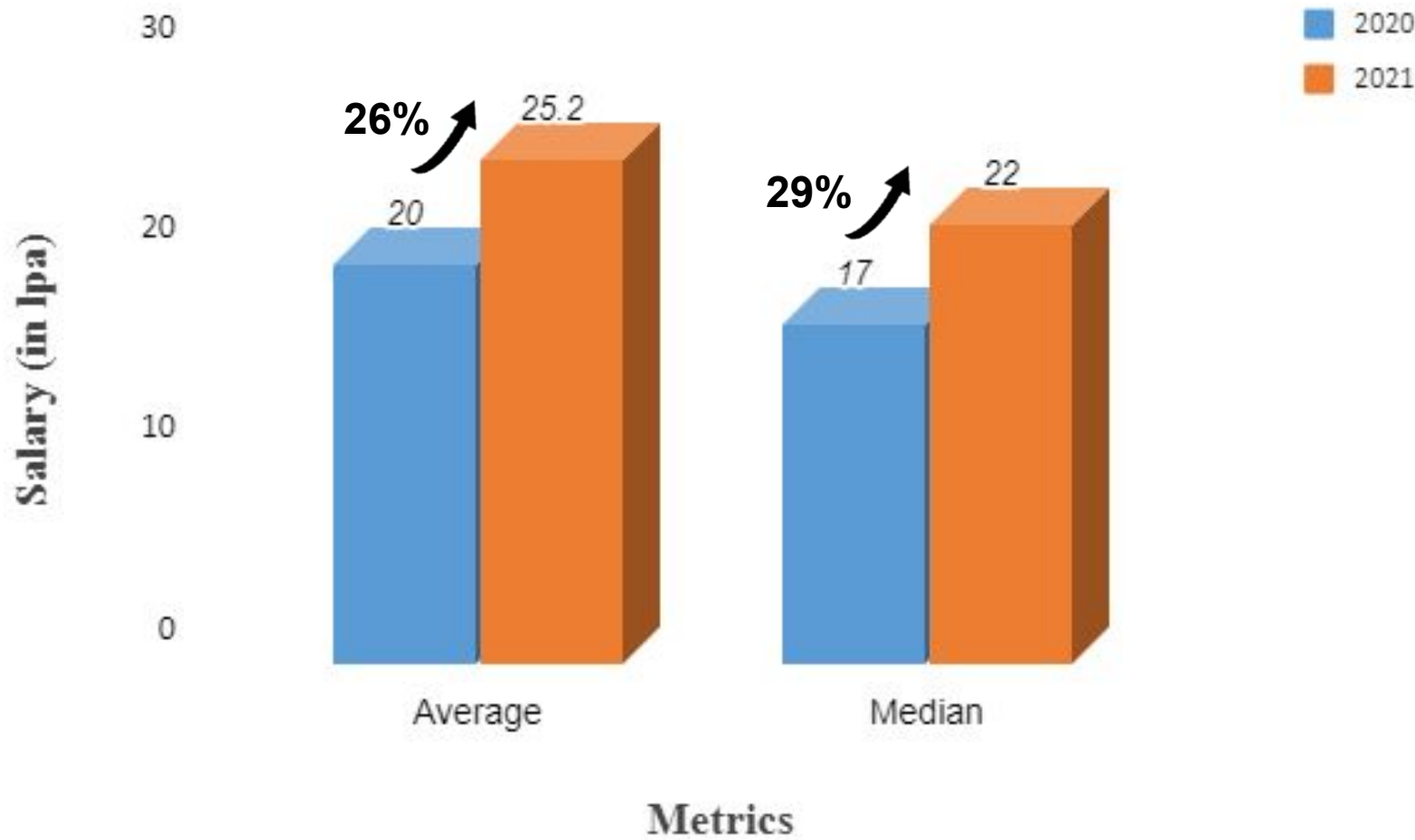
Average Salary for top 10 stood at 38.7 LPA

Areas of Expertise

- Machine Learning, Deep Learning & AI
- Natural Language Processing
- Computer Vision
- Computational Finance
- Bioinformatics
- Data Mining
- Software Engineering
- Optimization
- Statistical Computation
- Quantum Learning Theory
- Advanced Algorithms
- Distributed Systems and Big Data
- Advanced Graph & Randomised Algorithms

Placement Statistics of MTech CS '22

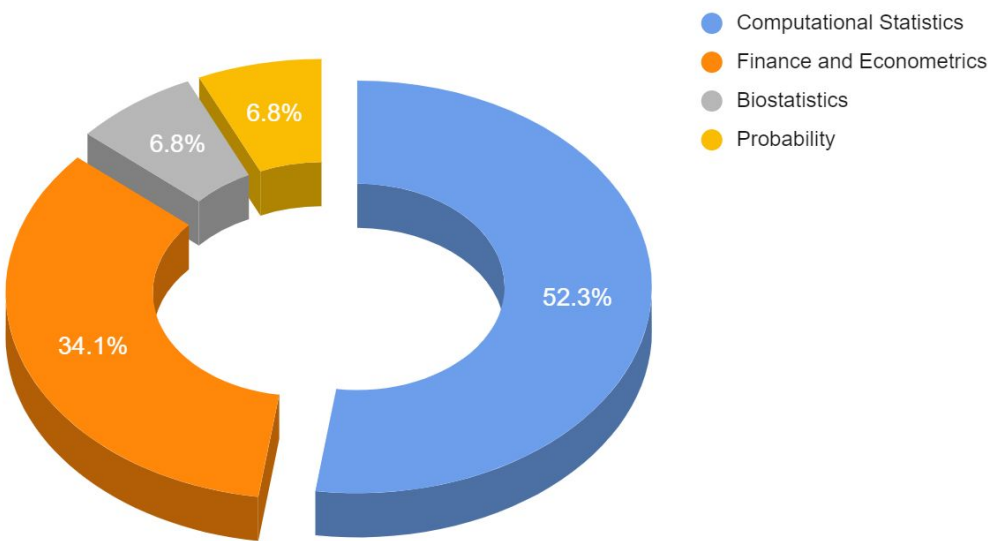
Metrics	Salary Offered
Highest	89 lpa
Average	25.2 lpa
Median	22 lpa



Job Market Candidates : 44

- B Stream : B.Stat from ISI Kolkata
- NB Stream : Bachelors in Statistics, Mathematics, Engineering from other Institutes.

Job Market Candidates by Specialization



Area of Expertise

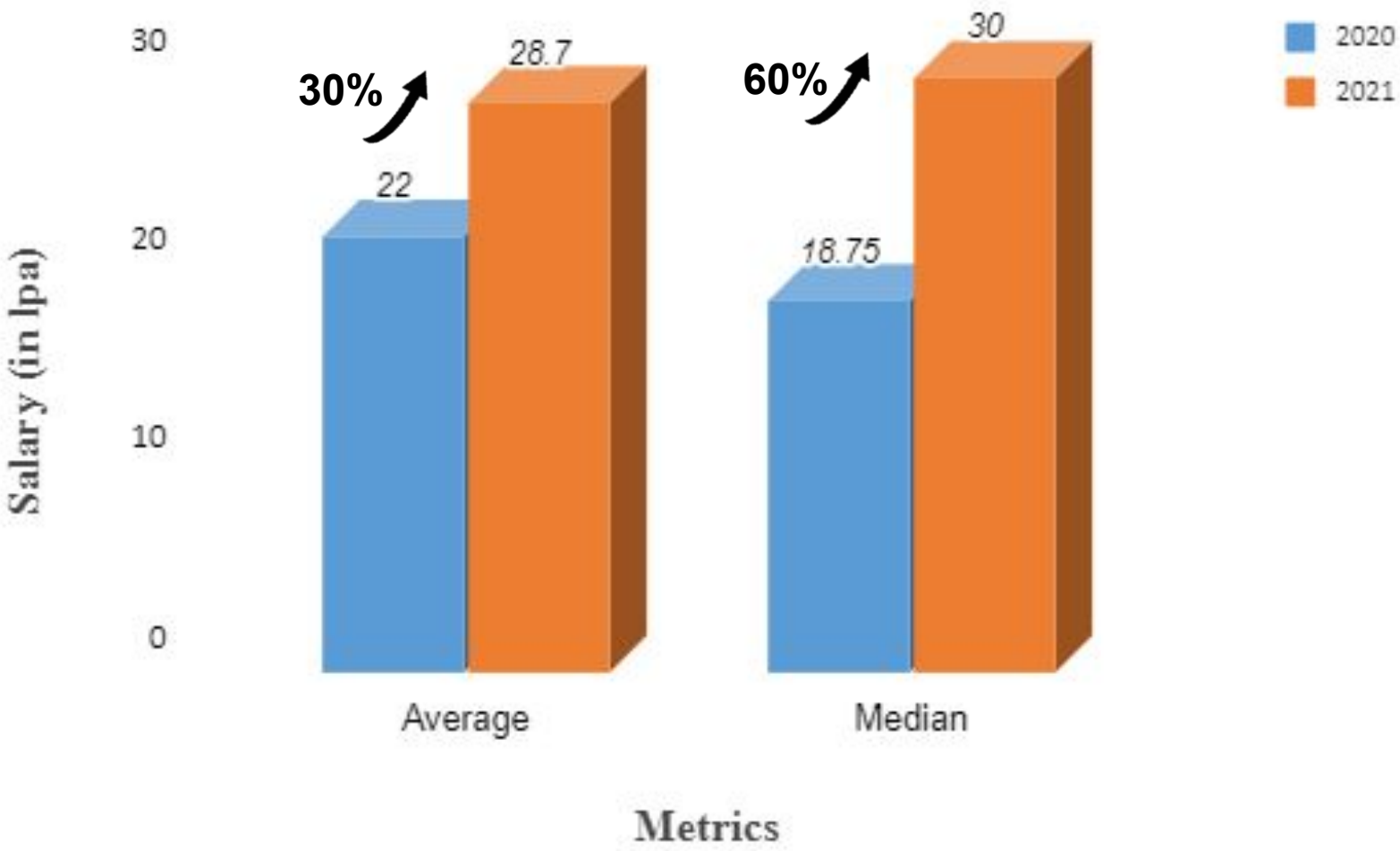
- Machine Learning, Deep Learning
- Statistical Inference & Modelling
- Regression & Time Series Modelling
- Data Mining, Visualization & Optimization
- Design of Experiments
- Graph Theory
- Multivariate & High Dimensional
- Sample Surveys
- Resampling Techniques
- Big Data
- Design & Analysis of Algorithms

Placement Statistics of M.STAT '22

50% of the batch secured more than 30 LPA

Average Salary for top 10 stood at 38.5 LPA

Metrics	Salary Offered
Highest	44 lpa
Average	28.7 lpa
Median	30 lpa

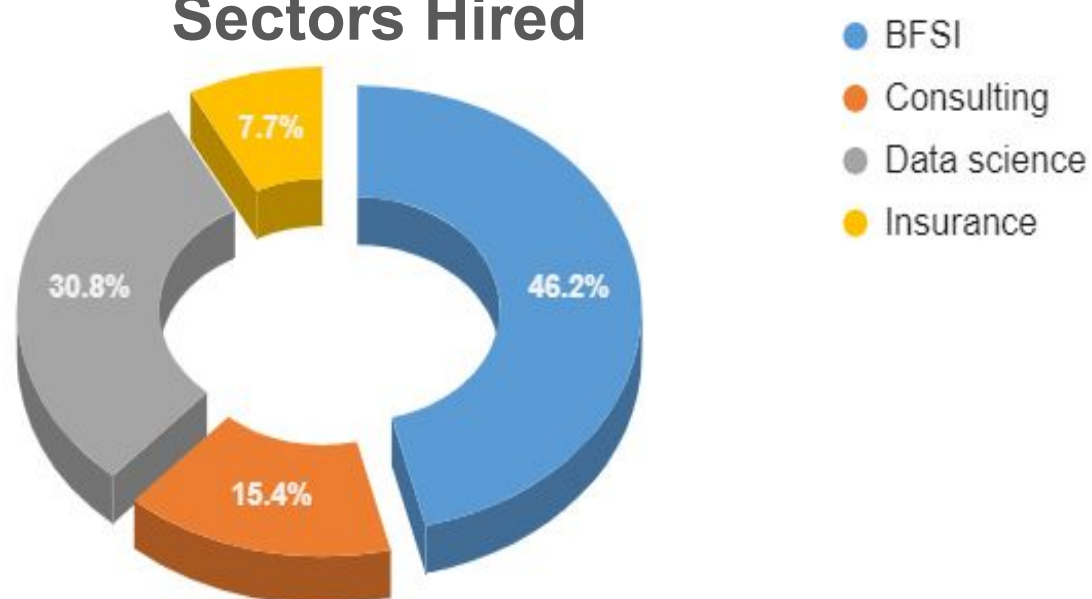


MS (QE)

Batch Size : 16

- 12 students with BA/BSc economics
- 3 students from engineering
- 1 from mathematics.
- All from tier 1 colleges in delhi/kolkata/bangalore

Sectors Hired



Area of Expertise

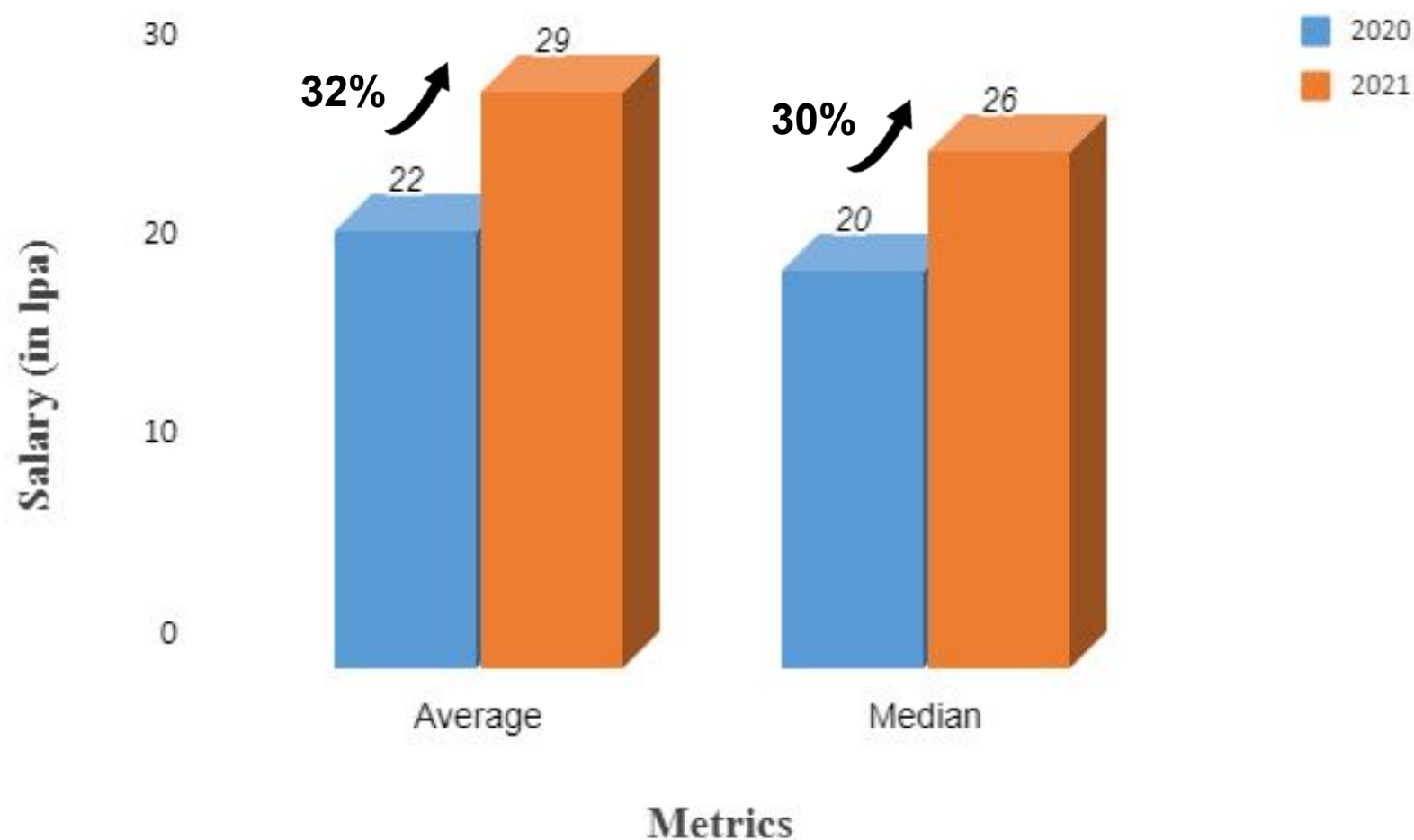
- Mathematical Finance
- Regression, Data Science & Machine Learning
- Statistical and Mathematical Modelling
- Econometrics Analysis
- Actuarial Modelling and Valuation
- Programming, designing and analysis of algorithms
- Micro and Macro economic modelling and analysis
- Game Theory and Mechanism Design
- Sample Survey

Placement Statistics of MS (QE)'22

All students secured package >20 LPA

Average Salary for top 10 stood at 33 LPA

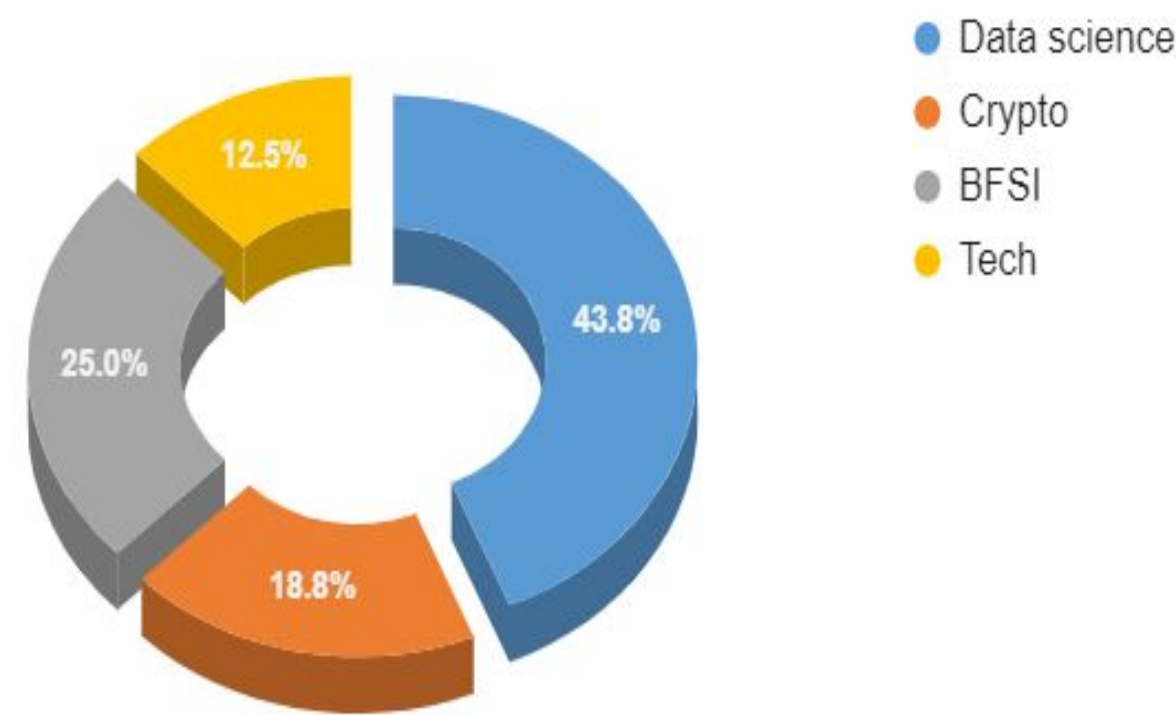
Metrics	Salary Offered
Highest	51 lpa
Average	29 lpa
Median	26 lpa



MTech (CRS)

Batch Size : 16

Sectors Hired



Area of Expertise

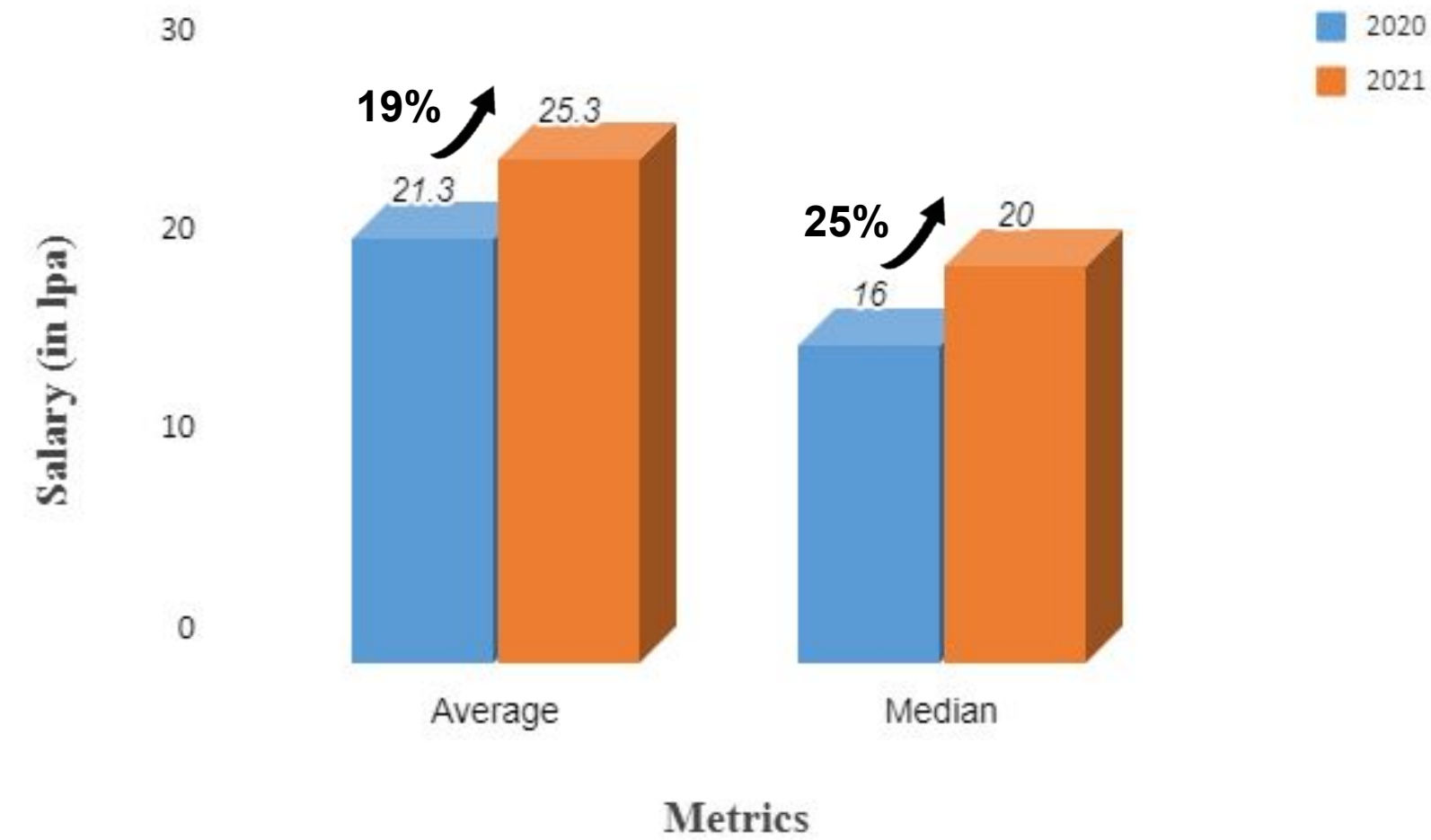
- Blockchain
- Cryptographic Engineer
- Data Science
- Machine Learning
- Deep Learning
- Natural language Processing(NLP)
- Cyber Security
- Decentralised Finance (DeFi)
- Quantum Computing and security
- Risk Modelling and Analytics
- Finance
- Applied Statistics
- Software

Average Salary for top 10 stood at 26.67 LPA

35% are (post)graduates from top tier institutes like IITs, IISc, IEST,Jadavpur University, Calcutta University

Placement Statistics of MTech (CRS)'22

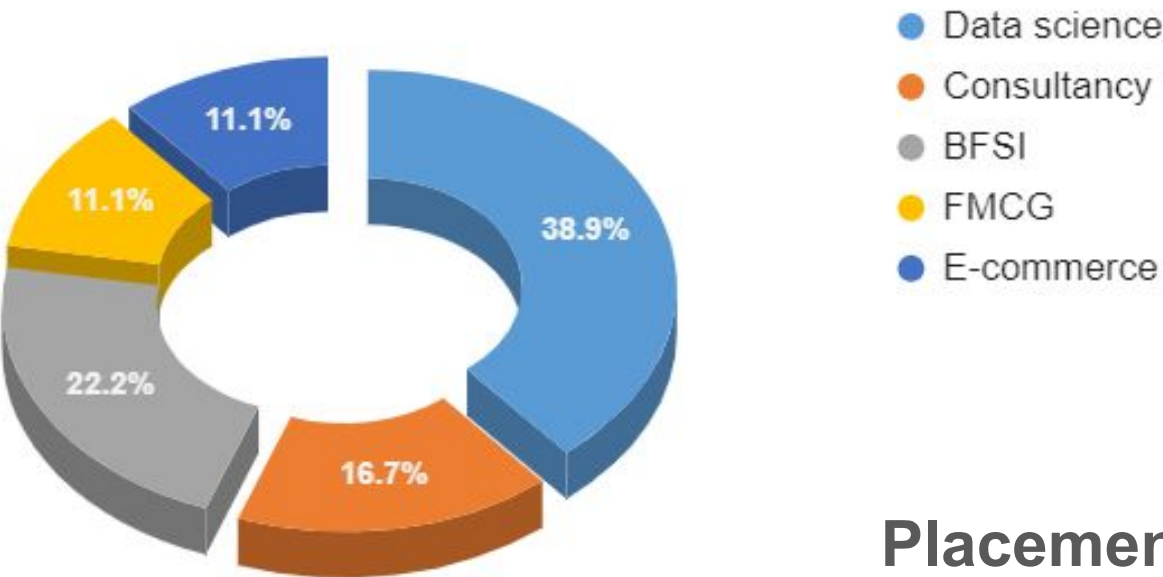
Metrics	Salary Offered
Highest	58.7 lpa
Average	25.3 lpa
Median	20 lpa



M.Tech QROR

Batch Size : 22

Sectors Hired



Areas of Expertise

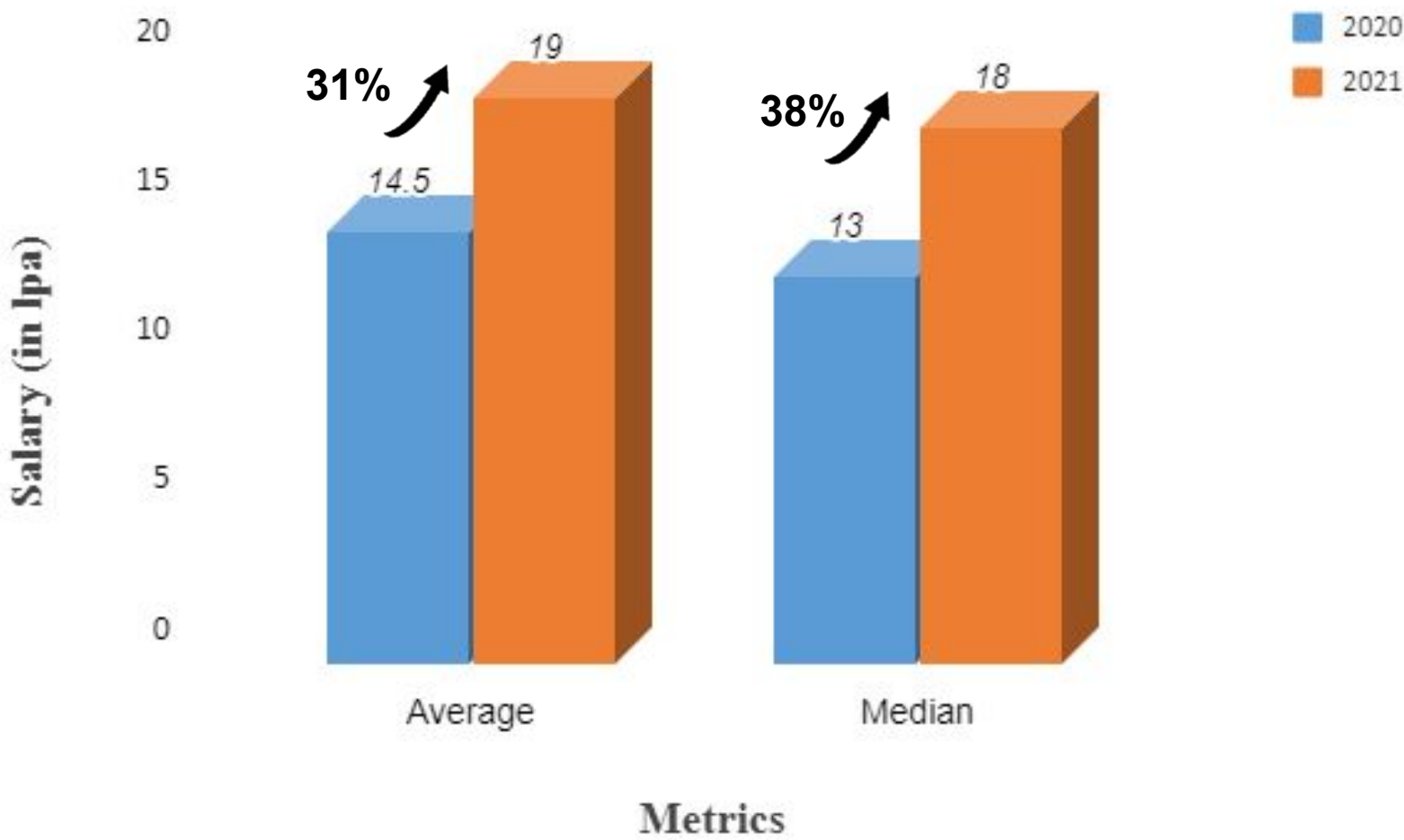
- Machine Learning and AI
- Applied Statistics and Data Science
- Business and Market Analytics
- Applied Multivariate Analysis
- Statistical Inference
- Operations Research
- Non-Linear Optimisation
- Time Series Analysis
- Statistical Quality Control
- Survival Analysis

Placement Statistics of MTech (QROR)'22

Average Salary for top 10 stood at 22 LPA

Metrics	Salary Offered
Highest	34 lpa
Average	19 lpa
Median	18 lpa

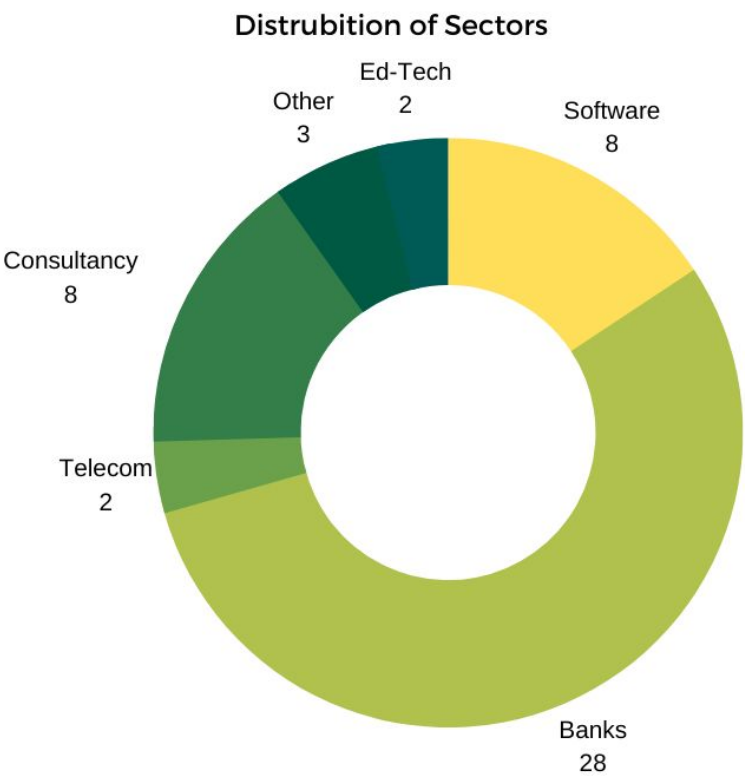
75 % of batch is having prior work experience for more than one year



2 Month Internship Statistics 2021-22

Stipend (INR Monthly)

Batch	Highest	Mean
M.Tech CS	1.6 L	80K
M.Stat	1.65 L	1.1 L
MSQE	1.5 L	1 L
M.Tech QROR	1.5 L	90K
M.Tech CrS	85K	67K



6 Months Internship Statistics 2021-22

Stipend (INR Monthly)

Batch	Highest	Mean	Median
M.Tech QROR	1.1 L	75K	75K
M.Tech CRS	3 L	94k	75K

Top Recruiters in Internship



Placement Policies

- The companies are required to mail us the filled up Campus Recruitment Form (CRF) at [plccom \[at\] isical.ac.in](mailto:plccom@isical.ac.in) (Form is available at our website www.isical.ac.in/~placement/).
- The job role(s) and exact salary details must be mentioned. If any range is mentioned, we will consider the lower limit as the salary committed by the company.
- The companies will be called for placements in different slots. We allocate the slots based on the salary and interest of the students.
- Each placement slot will span over a few days in a week and in any given slot there may be multiple companies interviewing the available pool of students.
- The tests/interviews will be conducted outside class hours or on weekends
- Student shortlisted by the company will be allowed to proceed with the interview process only if (s)he belongs to the available pool.
- The company must declare the offer(s) before the end of the slot.
- In addition to students provided an offer, companies are required to provide a list of waitlisted candidates in case any of the selected students decline the offer due to unforeseen circumstances.
- The salary should also be re-confirmed at the time of making the offer to any student and it should not be less than the salary committed before.
- If a student gets one or more jobs in a slot, (s)he will have to choose one and (s)he will not be allowed to appear for any interviews in the subsequent slots.
- In case of any special conditions, like fixed time bond, these must be specifically mentioned in the Campus Recruitment Form.
- Student, who has received and accepted any offer through the placement committee, will be allowed to appear only for companies offering at least 1.3 times the highest paid offer, where the highest paid offer is considered to be the one with maximum fixed pay and guaranteed allowances.

Past Recruiters



Placement Committee

Heads

Dr. Debasis Sengupta Dean of Studies (033) 2575 2424	Dr. Anuj Bhowmick Placement Convenor (+91) 8240935829	Prof. Samarjit Das Placement Chairman (033) 2575 2627
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Faculty Representatives

Dr. Goutam Kumar Paul	Dr. Paramita Das	Dr. Debapriyo Majumdar	Dr. Sourav Chakraborty	Dr. Partha Sarathi Mukherjee
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Student Representatives

Rohith Kurian Mathew	M.Stat	rohithkm0109@gmail.com	7012109697
Souryadeep Bhattacharya	M.Stat	souryadeep01@gmail.com	9674448505
Vicky Gupta	M.Stat	vicky.gupta.stats@gmail.com	8800915607
Pravat Kumar Hati	M.Stat	pravathati1103@gmail.com	8334043509
Varun Upamanyu	MSQE	varunupamanyu20@gmail.com	9820025420
Keshav Aggarwal	MSQE	aggarwalkeshav0801@gmail.com	9810495812
Abhinaba Chakraborty	M.Tech CS	cabhinaba@outlook.com	7364097270
Saptarshi Banerjee	M.Tech CS	saptarshi6698@gmail.com	9163735581
Pritam Gupta	M.Tech CS	pritam.rkm@gmail.com	9198957356
Juzar Vahora	M.Tech QROR	juzarvahora53@gmail.com	9773464552
Pratim Chattopadhyay	M.Tech QROR	pratimchattopadhyay091@gmail.com	96478 39292
Debrup Chatterjee	M.Tech CrS	chatterjeedebrup51@gmail.com	6290611048
Rachit Parikh	M.Tech CrS	rachit.parikh4@gmail.com	8780092684
Shashwata Mondal	M.Tech CrS	shashwata.isical@gmail.com	9064520946