



# Aliah University

جامعة عليّة  
আলিয়া বিশ্ববিদ্যালয়



## PLACEMENT BROCHURE 2020

Advancement  
of Education and Culture

"If you want to shine  
like a sun, first burn  
like a sun."  
--A.P.J. Abdul Kalam

📍 New Town Campus

📍 Taltala Campus

📍 Park Circus Campus

🌐 [www.aliah.ac.in](http://www.aliah.ac.in)



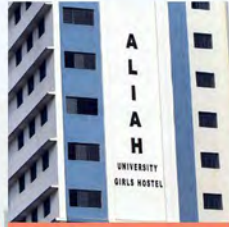
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## Vice-Chancellor's Message

*A*liah University, is a UGC and AICTE approved autonomous University, established by an ACT of Govt. of West Bengal. It is a centre of higher learning in the areas of basic and applied subjects, especially engineering. The University, with the generous input of funds from the Govt. of West Bengal through its Department of MA & ME, established state of the art laboratories with the involvement of its dynamic faculty members. The University has been constantly recruiting talented senior as well as dynamic young faculty members to strengthen the teaching-learning processes. Students are admitted through the Aliah University Admission Test (AUAT). The University provides its students with modern as well as challenging training that help them survive in this competitive world. The academic programs of the University are framed with a global focus in mind so that its learners can provide excellent team work and leadership. The expertise of our students is evident from the fact that they do find places through competition in various prestigious institutions and industrial houses.



The education sector along with the socio-economic fabric of the country had not been as rattled as it is now since March 2020. But that doesn't mean that the teaching-learning process has stopped. We have gradually transited from a physical platform to a digital one as education today has undergone a massive change because of the digital mode. We, at Aliah University, use the on-line classroom platform to impart classes.

I assure the recruiters about the quality of our students and strongly believe that the graduates, postgraduates, and doctorates you recruit will help your organization to achieve newer goals.

I heartily invite the recruiters to our campus to find the appropriate match

Best wishes,

***Prof. Mahammad Ali***

***Vice-Chancellor  
Aliah University***

## Registrar's Message



It can proudly be mentioned that Aliah University has been providing quality education across the subject taught here. It is achieved because different departments and individuals are very much involved in planning, implementation and monitoring of quality education through the decentralised administration of this esteemed institution.

The perfect blending of talented student and qualified dedicated faculties and efficient administration are working together as a team.

The placement wing of the University successfully built a vibrant network in the present job market in the public and private sectors resulting in a large number of placements in the corporate sector.

The most active placement cell deserves my especial gratitude for their achievements in a relatively short period.

I firmly believe that our beloved University will help and guide the students in developing their quality to step into the corporate world and contribute significantly in their working places. Your cooperation will open up new avenues for a bright future for our students.

We will be happy to receive any comments and suggestion for our future improvement.

***Dr. Syed Nurus Salam***  
***Registrar***

# From the Desk of Training & Placement Officer



**G**reetings from Aliah University!!!

I take this opportunity to cordially invite your esteemed company to participate in our campus placement programme to consider the students of Final year batch. Aliah University an autonomous Institution under the Government of West Bengal. The University has meritorious and innovative students, dedicated and highly qualified faculty members and a budding alumni network. The cell continuously coordinates with various industries and organizations for placement of the students in industry. There are a large number of organizations with whom we enjoy lasting and fruitful relationship and our vision is to convert all our recruiters into partners, where we will be sensitive about the mutual needs and value delivery. The University has a large pool of talent to recruit from, with a wide range of courses being offered at UG and PG levels.

At present in the Engineering faculty, we have 5 departments at UG level and 5 specializations at PG level. There are another 26 different academic programmes in Management, Science and Arts faculties. Over the years, our University has become one of the preferred choices for campus recruitment drive by all leading organizations.

I look forward to receive a team of your executives for Placement Drive at our University.

Thank you in advance for a long term happy partnership.

***Md Jakir Hossain***

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# About The UNIVERSITY

*A*liah University carries with it the rich heritage of the 240 years old educational and cultural institution, Mohammedan College of Calcutta, popularly known as Madrasah-i-Aliah or Calcutta Madrasah, the first educational institution set up in India in 1780 by Warren Hastings, the then Governor General of East India Company. Calcutta Madrasah was upgraded to Aliah University by Aliah University Act passed by the West Bengal Legislative Assembly in 2007. The Act came into force on 5th April 2008. Many eminent scholars were associated with this institution as administrators, principals, teachers as well as students.

The University envisages creation of ever-expanding opportunities for higher education and research in traditional as well as newly emerging areas for the capacity-building and empowerment through allround development of our countrymen, particularly the socially and educationally backward classes belonging to the Minorities. Harmonizing tradition and modernity, the University is marching towards it's goal of emerging as a unique institution of higher learning and research.

## **Administration :**

- **Hon'ble Chancellor** : Shri Jagdeep Dhankhar, Hon'ble Governor of West Bengal
- **Hon'ble Vice-Chancellor** : Prof. Mahammad Ali
- **Registrar** : Dr. Syed Nurus Salam

Results FUTURE SUCCESS Management Business Performance  
 GOALS IDEAS VALUE  
**VISION** IDEA STRATEGY MOTIVATING TEAM PLAN Solutions  
 PROBLEM SOLVING Improve STRATEGY MISSION STRATEGY Manage  
 MANAGEMENT PLAN INNOVATION VALUE-ADD COACHING  
 BUSINESS PLAN STRATEGIC FUTURE SUCCESS Performance  
 MOTIVATE ACTIVITIES GOALS STRATEGY Manage



## Vision of the University

To recapture the ambience and dynamic cultural heritage of the madrasah system, to expand and deepen it, to evolve it further with a successful outreach into the emerging areas in each branch of modern science, technology, social studies, and humanities.

We would like to instill the dynamism of the glorious heritage of the past among all our students, so that they can successfully cope with the critical needs and challenges of the present and contribute to the future advancement of science, technology, and human civilization, develop love and respect for fellow citizens of the country, and integrate themselves to the nation.

## Mission of the University

To promote innovations in education leading to restructuring of existing courses of Islamic Theology and Arabic, and introduction of new courses like Islamic Studies, Islamic Finance and Banking, and Islamic Insurance :

- To introduce new methods of teaching and learning in different areas of study.
- To encourage study of modern technological and professional courses.
- To take required steps for the introduction of interdisciplinary studies.
- To facilitate ethical as well as professional improvement and an integral development of personality of the students of the University.
- To promote humanism, secularism, national integration, and international understanding through academic courses, seminars, symposia, conferences, and praxis.



# Courses Offered

## Engineering Courses

	Intake
4-year B. Tech in Computer Science & Engineering	60
4-year B. Tech in Civil Engineering	60
4-year B. Tech in Electronics & Communication Engineering	60
4-year B. Tech in Electrical Engineering	60
4-year B. Tech in Mechanical Engineering	60
2-year M. Tech in Computer Science & Engineering	18
2-year M. Tech in Civil Engineering	18
2-year M. Tech in Electronics & Communication Engineering	18
2-year M. Tech in Electrical Engineering	18
2-year M. Tech in Mechanical Engineering	18

## Intake

3-year B.Sc. (Hons.) in Biological Science	60
3-year Bachelors in Computer Application	30
3-year Master of Computer Applications	30
3-year B.Sc. (Hons.) in Chemistry	60
3-year B.Sc. (Hons.) in Mathematics	60
3-year B.Sc. (Hons.) in Physics	60
3-year B.Sc. (Hons.) in Statistics	60
4 year B.Sc. In Nursing (only for female candidates)	60
2-year M.Sc. in Mathematics	50
2-year M.Sc. in Statistics	50
2-year M.Sc in Physics	30
2 Year M.Sc. in Chemistry	30
2 Year M.Sc. in Chemistry	30
2 Year M.Sc. in Botany	20
2 Year M.Sc. in Micro Biology	20
2 Year M.Sc. in Zoology	20

## Science Courses

## Business Management, Law & Journalism Courses

	Intake
5-year Integrated Master of Business Administration (BBA+MBA)	60
2-year Master in Law (LLM)	30
2-year Master in Journalism and Mass Communication (MJMC)	40

## Intake

	Intake		Intake
2-year Master in Arabic	50	3-year B.A. (Hons.) in English	60
2-year Master in English	50	3-year B.A./B.Sc. (Hons.) in Geography	60
2-year Master in Bengali	50	3-year B.A./B.Sc in Economics	60
2-year Master in History	50	3-year B.A. (Hons.) in Arabic	65
2-year M.A./M.Sc. in Geography	50	3-year B.A. in Islamic Studies	60
2-year Master in Urdu	40	3-year B.A. (Hons.) in Urdu	50
2-year M.A. in Islamic Theology	200	3-year BA (Hons.) in Bengali	60
2-year M.A. in Education	30	3-year B.A. (Hons.) History	50
		3-year B.A. (Hons.) in Islamic Theology	200
		2-year B.Ed.	100

## Humanities & Social Science Courses



# Admission Procedure

The Admission procedure at Aliah University is a rigorous, multi-layered and transparent process. The Admission process is conducted by Aliah University Admission Test (AUAT) Committee comprising of Chairman and Vice Chairman of the faculty who are entrusted with the task. The entire process has several stages.

The process starts with the publication of Admission Notification in leading Newspaper. The applicants can apply online through the University website.

In the next step, the applicants have to appear for a Written Test in his/her chosen Centre of Examination from different venues spread all over the state. The Written Test incorporates two parts. The first consists of multiple-choice questions (MCQs) on English grammar and vocabulary, current affairs, reasoning power, and elementary knowledge of Islamic culture. The second part involves MCQs on Physics, Chemistry and Mathematics for 4-year B. Tech and BCA Programmes, and subject specific MCQs for 5-year Integrated MBA, 3 year Bachelors degree programme in Science and Arts & 2-year Masters programmes.

The final Merit List is prepared on the basis of the applicants' score in the Written Test and percentile of the academic record (marks or grades) of the last Board / University Examination all taken together. At the final stage, successful candidates on the Merit List are to participate in online Counselling and Admission offers are made to them according to their ranks and availability of seats in different Academic Programmes of the University, through online mode.

20% seats of B. Tech courses are filled by successful candidates of WBJEE examinations. They need not appear for AUAT.

To conclude, admission to different Academic programmes of Aliah University depends on various inputs from diverse components of the Admission process. Unless an applicant does well in all these segments, it is difficult for him/her to get into this university. The AUAT Committee has been constantly endeavouring to improve and fine-tune the Admission procedure.



# ENGINEERING Departments

Aliah University, established in 2007, has various undergraduate and post graduate programs in engineering, management, science, humanities and Islamic studies for socially and educationally backward classes belonging to the minorities. The different Engineering Departments of the

## Electrical Engineering

Electrical Engineering is one of the main core disciplines of all engineering streams. This Department of Aliah University was established in 2009. Presently seven regular faculty members, few visiting faculty members and some technical staffs are associated with this Department. Currently, the Department mainly offers 4 year B. Tech and 2 year M. Tech degree.

### Laboratories:

1. Basic Electrical Engineering Lab
2. Signal Network Lab
3. Electrical Measurement Lab
4. Electrical Machines Lab
5. Power System Lab
6. Power Electronics & Drives Lab
7. Simulation Lab

### Role of the Department:

To impart quality education to the students. Students are trained with most updated knowledge and research. The Department also emphasizes on imparting knowledge in different computer based programming domains (C/ MATLAB).

## Electronics & Communication Engineering

The Department of Electronics and Communication Engineering has been set up to impart quality education and research and to fulfill the growing demand of engineers in the field of electronics and telecommunication technology. The Department is in operation since July, 2009 and offers AICTE approved 4-year Bachelor of Technology, 2-year Master of Technology with specialization in Communication Engineering, as well as PhD Programme in Electronics and Communication Engineering. The first B. Tech. batch has completed their graduation in June, 2013 and the first M. Tech batch passed out in 2015. Presently the Department has one Associate Professor, seven Assistant Professors, few guest faculty members and three Technical Assistants. All faculty members have graduated from reputed Institutes such as IIT Kharagpur, Jadavpur University, IEST Shibpur and Calcutta University. Some of them have industrial experience in reputed Communication, Electronics and Semi-conductor Companies.



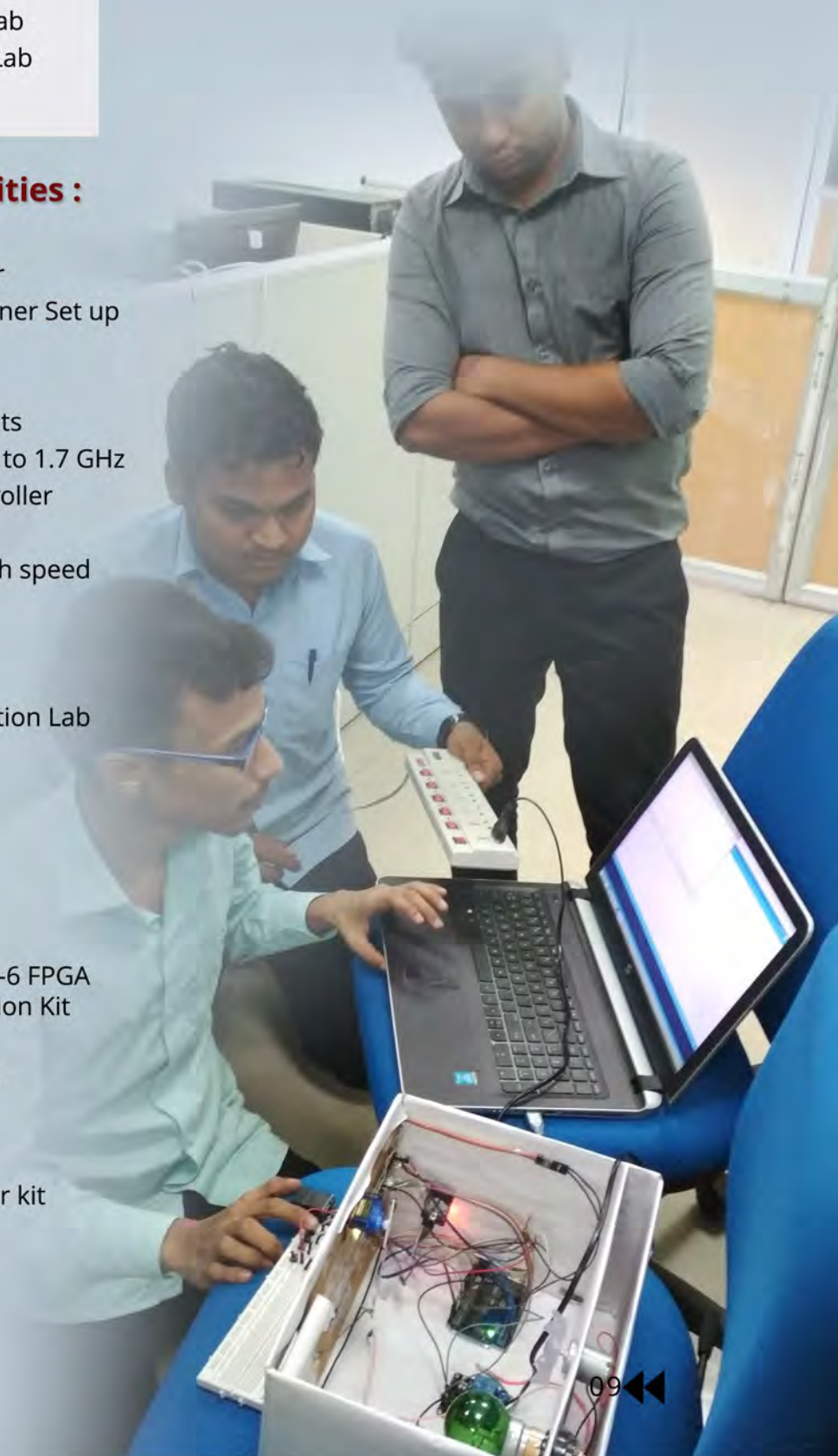
# ENGINEERING Departments

## Laboratory Facilities :

- Basic Electronics Lab
- Analog Circuit & Device Lab
- Digital Electronics and Logic Design Lab
- Microprocessor and Microcontroller Lab
- Communication Lab

## Lab Equipment/Software Facilities :

- 3 GHz Spectrum Analyzer
- 8.2-12.4 GHz Microwave Power Meter
- Microwave test Bench Microstrip Trainer Set up
- EMI/EMC Trainer System
- Rader Trainer Set up
- Digital and Analog Communication Kits
- Transmission Line Trainer System up to 1.7 GHz
- Advanced Microwave and Microcontroller Training and Development Kits
- Digital Signal Processing Lab with high speed internet connection
- VLSI and FPGA Lab with high speed internet connection
- Fiber Optics and Optical Communication Lab
- M. Tech Project Lab
- Research Lab
- Laser and PIN Diode based Fiber
- Optic Communication Kits
- Optisystem (V12.0) - Optical Communication Design Software
- Optical Power Meter
- Spartan- 3E FPGA Strater Kit, Spartan-6 FPGA Development Board, Virtex-5 Evaluation Kit
- Xilinx ISE Design Suite 14.5
- Tanner Hiper silicon v16 design suite with SDL Facility
- Tanner Hiper Silicon- Hiper PX-2D licensed parasitic extraction tool
- Ansys HFSS Latest version DSP starter kit



# ENGINEERING Departments

## Mechanical Engineering

*M*echanical Engineering is one of the largest, broadest and oldest engineering disciplines in the field of engineering profession. Generally, mechanical engineers use the principles of energy, materials and mechanics which are involved to design, develop and manufacture nearly all types of physical machines, devices and systems. The key characteristics of the profession are its breadth, flexibility and individuality knowledge and research.

The Department of Mechanical Engineering is one of the premier departments of Aliah University that provides a unique academic and research environment. The Department was established in 2010 under the supervision of Late Professor P.K. Nag, former Head of the Department of Mechanical Engineering, IIT Kharagpur. Today, the Department has been contributing fundamentally towards achieving excellence in academics like teaching, workshops, lab sessions, assignments, industrial trainings, seminars, internships, projects and many more.

The Department also attracts and features an extraordinary rich diversity of talented eight number of permanent faculty members from various specializations like manufacturing, thermal engineering, fluid mechanics, design, etc. It is running with Bachelor's, Master's and Doctoral Programs with an aim to keep pace with the rapidly evolving mechanical industry that demands unwavering passion and urge to innovate.

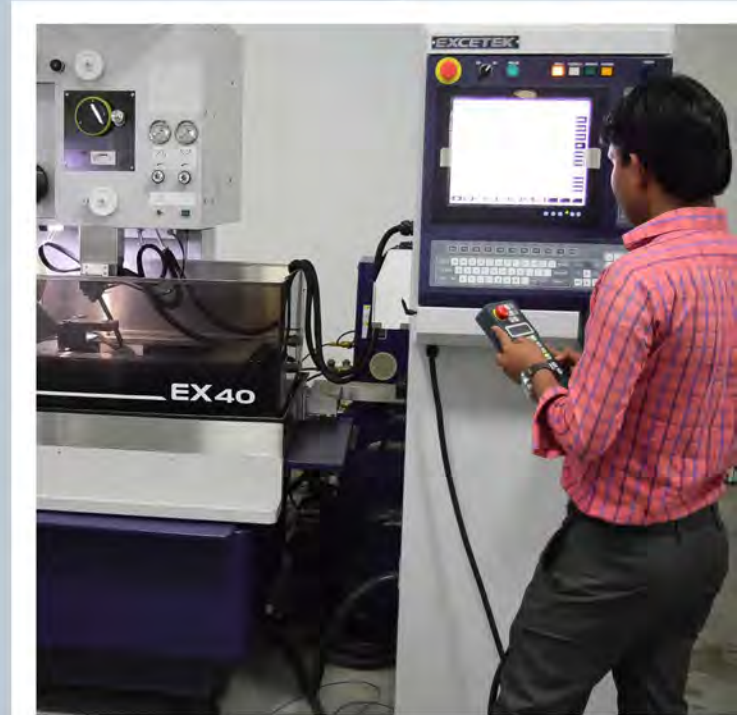
At present, Dr. Shamim Haidar is holding the position of Head of the Department. Currently, in the Department, there are 240 undergraduates including 1st year students. Also, the Department is running M.Tech. Programme in Manufacturing Engineering and Thermal Engineering. The intake capacity is 18 and currently, there are 33 post graduate students in both specializations.

### The Mechanical Engineering Department has various laboratories such as

- Mechanical Workshop
- Fluid Mechanics and Machinery Laboratory
- Advanced Manufacturing Laboratory
- Heat Transfer and Air-Conditioning Laboratory
- Strength of Materials Laboratory
- Foundry Laboratory

Every year, the Department organizes a one day seminar named as "The Mechanical Day" in memory of late Professor P.K.Nag. The students are nurtured in an interactive learning environment under careful and sincere supervision of well experienced faculty members and other renowned personnel in this field.

The aim of the Department is to focus on developing cutting-edge technologies of inter-disciplinary nature on multiple scales. In the end, it will broaden its self-definition and be a continuing resource



# ENGINEERING Departments

## Computer Science & Engineering

The Department of Computer Science and Engineering started functioning in the year 2009. In the year 2013, the department started a 2-year M. Tech programme in Computer Science and Engineering. Later in the year 2015, the department started a 3-year Post Graduate Programme in Master of Computer Application. Right now the department offering following UG and PG courses:

1. 4 years B.Tech in Computer Science & Engineering
2. 2 years M.tech in Computer Science & Engineering
3. 3 year Bachelor of Computer Application
4. 3 year Master of Computer Application
5. PhD in Computer Science & Engineering

The Department currently has Seventeen (17) efficient permanent Faculty Members (3 Associate Professors and 14 Assistant Professors), Four Technical Assistant and one other staffs to run the courses smoothly. Good teacher-student relationship and well equipped laboratories with modern software and hardware amenities help the department to meet the current demand of industry and academia. In addition, the department is maintaining a steady growth in academic and research activities, which play an important role in bringing a healthy and vibrant academic environment.



The Department has the following laboratory facilities for smooth running of the academic programmes. The department currently maintains four software laboratories viz., Programming Lab-I, Programming Lab-II, Database Lab and Network laboratory and one hardware laboratory equipped with microprocessor kits, microprocessor interfacing kits etc. In addition, the Department has a plan to set up two more laboratories, one Computer Vision laboratory, one IoT and Cloud Computing laboratory, one Data Mining and Bioinformatics and one advanced Networking Laboratory. A dedicated server room is there for managing high end computations with equipment's like L3/L2 switches, router, firewall and high end servers. In addition, the Department has state-of-the-art research laboratories for post graduate students and research scholars.

The department has received research funding from various government and private bodies for carrying out research on cutting edge technologies. The department is highly focused to make students very much Industry ready by involving them into hands on experience of the modern technologies and tools. In addition, many students of the department are pursuing higher studies in India and abroad in full/partially funded programmes. Faculty members and research scholars of the

# ENGINEERING Departments

## Civil Engineering

Civil Engineering is considered to be the most versatile branch among all the engineering branches. It is the single largest branch among all the engineering branches of University.

The department offers 4 year B.Tech in Civil Engineering and 2 year M.Tech with specialisation in Structural Engineering, Geotechnical Engineering and Water Resource Engineering. The Department of Civil Engineering, since its formation, is committed to research and development in Civil Engineering. The main areas of research include Geotechnical Engineering, Structural Engineering, Hydraulics Engineering, Hydrology, GIS and GPS Systems, Design of Structures, Environmental Engineering, Solid Mechanics and Transportation Engineering.

Mrs. Supia Khatun of Civil Engineering Department has been awarded a project as principal Investigator on "Analysis of Failure Mechanism and Development of Effective Bank Protection Methodolgy for River Bank in West Bengal" by Department of Science & Technology and Biotechnology (Government of West Bengal) for a duration of 3 years with a total cost of Rs. 16,81,000.00

The Department currently has one Associate Professor and seven Assistant Professors as permanent faculty, some guest faculty members, 3 permanent Technical Staffs and two other staffs to run the department smoothly.



### Facilities and Laboratories

- (a) Concrete & Structure Lab
- (b) Fluid Mechanics & Hydraulics Lab
- (c) Transportation Lab
- (d) Environmental Lab
- (e) Geotechnical Lab
- (f) Survey Lab
- (g) CAD Lab

# MANAGEMENT

## Department

The Department of Management and Business Administration was established with a vision to create opportunities for higher education and research in emerging areas for the capacity building and empowerment through all-round development of the future citizens, particularly the socially and educationally backward classes belonging to the Minorities. It offers five years Integrated Masters in Business Administration and Doctoral programme in Management. Presently the Department has sixteen full time faculty members.

The Department of Management & Business Administration is a vibrant one and keeps busy throughout the year with its full-time courses and various programmes. In 2016-17, the Department organized the first 7-Day Faculty Development Programme on 'Research Methodology', One-Day State Level Seminar on "Recent Trends in Capital Markets and Financial Innovations" for the students in collaboration with University of Calcutta, Calcutta Stock Exchange Centre of Excellence in Financial Markets and two International Conferences on Management & Business Practices (ICMBP) in the years 2017 and 2018. The themes was 'Millennium Management Paradigm and Contemporary Business Practices' and 'Emerging Trends in Management Research'.

The Department also conducted consultancy programmes by imparting training on 'Retail Management' for the owners of the shops allotted in the markets constructed by New Town Kolkata Development Authority (NKDA) and 'Financial Management & Hospitality Management' for Self Help Groups entrusted with 'Patha Sathi's, North 24 Parganas on behalf of District Rural Development Cell, North 24 Parganas. The Department also conducted a workshop on Quality Assurance for the higher Education for senior faculty members of the State Islamic University of Mataram, Nusa Tenggara Barat, Indonesia.

Students are the key stakeholders of the Department and are nominated to different seminars organized by professional bodies. They were also taken to PepsiCo Ltd. factory at Garia, Kolkata for an industrial visit.



# SCIENCE

## Departments

### Department of Mathematics and Statistics

The Department of Mathematics and Statistics at the Aliah University started its journey in the year 2018 with the merger of the erstwhile Department of Mathematics and Department of Statistics. The Department of Mathematics and the Department of Statistics at Aliah University were established since the inception of this university. The first course offered in 2009 was 5 years integrated M. Sc. programme in Mathematics and Computing and later in 2013, the Department introduced a separate 2 years M.Sc. programme in Mathematics.

Till date, around 80 students passed 5 Yrs. Integrated M.Sc. in Mathematics and Computing and more than 100 students in 2 Yrs. M.Sc. in Mathematics. Two of the 16 research scholars have been awarded Ph.D.(Sc.) degree in Mathematics. Apart from regular classes, the Department also provides remedial classes and

special coaching classes for various national level competitive examinations, like NET, GATE, SET for Ph.D. admission and lectureships in different institutions. Four students of the Department cleared NET (2 UGC-JRF and 2 LS) held in June, 2016 and three cleared NET in December, 2016 under UGC-JRF scheme. In the last NET examination held in June, 2018, two of our students cleared NET under CSIR-JRF and UGC (LS) scheme. The Department of Mathematics and Statistics arranges National level Seminar/Conference/Workshop and invited lectures by renowned faculty members on a regular basis from other Institutes for the betterment of the students.



### Department of Chemistry

The Department of Chemistry and Medicinal Chemistry was launched in the year 2009 with 5 years Integrated M.Sc in Chemistry (Medicinal Chemistry as special paper). From the year 2017, Integrated M.Sc with Organic Chemistry special paper was started. During the course, pure Chemistry (Organic, Inorganic and Physical Chemistry) is taught in the first 3 years to get the basic idea of Chemistry. In 4th year (semester VII & VIII) Medicinal Chemistry, higher Organic Chemistry and other papers such as Analytical Chemistry, Physical Chemistry and Inorganic Chemistry are introduced. Last year special papers (Medicinal Chemistry and Organic Chemistry) are taught where the students can apply their basic ideas for higher studies. The motive of the course is to prepare the students for education, research and industrial jobs.



# SCIENCE

## Departments

*A*part from regular classes, the Department provides remedial classes and special coaching classes for various National level examinations, like NET, GATE, SET for Ph.D admission. Students go to different institutes (like Jadavpur University, University of Calcutta, IICB, Indian Association of Cultivation of Science and Companies like Chem Biotech) during their final year M. Sc project so that they can share their knowledge with other reputed institutes.

It is a matter of great pride that 3 of the students of the Department had cleared GATE and one of them is already working in IIT Guwahati. One student has cleared NET. 4 students have cleared JAM. One student has cleared TOEFL and is going to Canada for research work, 6 students are doing Ph.D in Jadavpur University. Several students have been selcted for Moulana Azad Fellowship and doing Ph.D in several Institutes. Till now 13 students were selected for job in Chem Biotech. Faculty members of the Department are actively engaged in research work and published several research articles in journals of International repute. At present, the Department has 6 projects worth more than 1 crore. The future plan is to provide knowledge to the students so that they can establish themselves as responsible personalities in the field of research, education and industrial field.



### Department of Physics

*T*he Department of Physics at Aliah University was established with an ambition to pursue high level teaching methodologies and quality research in advanced areas of experimental & theoretical Physics, and interdisciplinary areas of science & technology.

The Department of Physics started functioning in 2009 with 5-year Integrated M.Sc.. course in Physics. In the final year, specializations are offered in Advanced Atomic, Molecular and Nuclear Physics as well as in Material Physics, Nano-Science and Technology with compulsory elective paper on Gravitation and Astrophysics. Moreover, students have to work on a specific scientific project under any of the present faculty members and give presentation on it at the final semester of their course. However, since last year, few outstanding students are selected and sent to various recognized research institutes like Saha Institute of Nuclear Physics (SINP), Variable Energy Cyclotron Center (VECC), Indian Statistical Institute (ISI) etc. to do their project works. The Department also offers Ph.D in Physics.

# SCIENCE

## Departments

At present, the Department has a strength of 8 vibrant faculty members involved in different thrust areas in teaching and research spanning over Atomic, Molecular and Optical Physics, Nuclear Physics and Nuclear-Astrophysics, Condensed Matter Physics, Material Physics, Nano-Science, Mathematical Physics, General Theory of Relativity and Astrophysics. Many of the faculty members have received national and international recognition for their research work in various exciting fields of present interest. The faculty members of the Department actively participates in various national and international research initiatives, conferences, seminars, and meetings etc. regularly.

Apart from the general laboratories designed for graduate and post graduate courses. The Department offers advanced laboratories like Langmuir-Blodgett (LB) system and Spin coater unit to prepare organic ultra-thin film, Semiconductor Thin film deposition using Cyclic Voltametry technique, Synthesis of metal-oxide thin film by chemical bath deposition, Dielectric measurements by impedance analyzer, Coherent Laser spectroscopy in atomic Rubidium vapour using external cavity diode laser (ECDL) etc. to the final year graduate students for project work as well as for the research students. The Department also offers high performance computing facility for doing precise theoretical estimations in various fields.

### Biological Sciences

The Department of Biological Sciences at the Aliah University was started in year 2016 with the objective of imparting quality education along with promoting research and development in various disciplines of biological sciences ranging from animal diversity, plant diversity, taxonomy, physiology, microbiology, cell and molecular biology, biochemistry, computational biology, etc.



Since its inception, the department's vision has been to help students gain an in-depth exposure to emerging domains in life sciences and prepare them to be leaders in the field of research and development (R&D) in academia and industry alike. Besides working for development of scientific intellect among students, the department also organizes workshops and seminars on different scientific aspects and social awareness.

The department offers B. Sc. Honours with Zoology, Botany and Microbiology, each with 20 seats. Alongside, for first two batches only, Integrated M.Sc. in Biological Sciences with Zoology, Botany and Microbiology as major are being offered. In future we wish to offer B.Sc. and M.Sc. in 3+2 pattern in these subjects. PhD is also offered by different faculties on different aspects of biology as well as interdisciplinary fields.

Presently the department has a strength of eight vibrant faculty members from different specializations who alongside teaching and learning carries out different research works. The department presently has 4 basic undergraduate labs for Animal Diversity (Zoology), Plant Diversity (Botany), Molecular Microbiology and Biochemistry. Work is on for setting up of more labs for MSc, Computational Biology and Research.

# Infrastructure

- Total Campus Area: 20 Acres
- Total Plinth Area of Building: 6 Lakhs sq.ft.
- Three Fully A/C (With A/V System) Seminar Rooms
- Boys' and Girls' Hostels
- Canteen
- Common Rooms
- Doctors in Campus
- Two Bus Facilities Available
- Amenity Centre
- Library:
  - Total Number of Books: 51878 (Approx)
  - Number of Journals: 07
  - Online E-Journals - 5000
  - Newspaper - 11
  - Approximate Number of Books Issued Every Day: 150 - 200
  - Library has access to E-Books of 1400 titles
- Databases - 11
  - Library has subscription of JSTOR, an academic resource
  - ASCE Library, full-text Civil Engineering database
  - IEEE online journal for Engineering Department
- Library has self Check-in Check-out facility for transaction of books.
- The RFID Technology has been implemented for rapid charging / discharging of books, Automated materials handling, Fast Track Circulation Operation and for scanning of books on the shelves without tipping them out or removing them.



# Students' Activities

Events organised & managed by Student Committees :

- Annual Cultural Function
- Tech Fest
- Annual Sports
- Re-union Program and many more.





## TRAINING & PLACEMENT Cell



# PLACEMENT TRAINING

*A*liyah University (AU) started a full-fledged Training & Placement (T&P) Cell under the supervision of a full time Training & Placement Officer, Md Jakir Hossain Molla in November, 2015. Prior to this, the T&P Cell activities were coordinated by different faculty members and contractual placement officers. The University provides special training for the students of 2nd, 3rd & 4th year for the development of various skills like Soft Skill (Aptitude, HR, GD, PI etc.) and English Communication Skill required for employability enhancement.

Realizing the importance of placement, the T&P Cell maintains liaison with various industries and Provide the opportunity to get the lucrative jobs in different sectors. Educational training is the backbone of the career of a student to be placed in a reputed company. Practical training for both Engineering and Management students is an integral part of the curriculum. The students are introduced to industrial practices through training programmes. Here soft skills lab, advance computing lab, all-time internet and career guidance support the students to prepare for exams like GATE/GRE. These programmes help students by augmenting their chances for better placement. The University also has infrastructure for industrial training in ERP, VLSI, GIS, Embedded software, J2EE, NET, etc. Computers have Linux environmental facilities where required. The T&P Cell interacts with corporates on a regular basis and arranges for student placements.



## TRAINING & PLACEMENT Activities

The competition for employment is intensifying day by day and fetching a good job is becoming a challenging task. Only academic study is not sufficient for it. Keeping this in mind, the Training and Placement Cell endeavours to achieve 100% smooth journey of all the professional students from classroom to corporate world with 'One Person One Job' policy. The major activities of the Cell include:

- Developing strong network between the University and the corporate world throughout India.
- Arranging on and off campus placement programmes.
- Organizing Pooled campus drives at Aliah University.
- Arranging step by step training methodology to develop various employable skills including interview handling skills of the students.
- Employing professional trainers from reputed training agencies to train the students on Mock Interviews, Aptitude Tests, Group Discussions, Online Tests, Personality Development Tests and HR Interview.
- Organizing seminars and lectures periodically by eminent personalities from both academia and industries.
- Arranging Technical Training by Technical experts and Industrial Visits during semester breaks to get practical exposure.
- Assisting the final year students in getting industry projects related to their domain.



### Objectives of the Training & Placement Cell :

- To develop overall personality of students and to make them employable in private/public sectors and MNCs.
- To develop various skills like aptitude, reasoning, communication leadership, interpersonal, technical, and soft skills to meet the corporate recruitment process.
- To motivate students to aspire for higher studies and guide them to appear in competitive exams such as GATE/GRE, etc.
- To eradicate skill deficiencies and increase the academic standard at par with the corporate needs.
- Aiming to place the maximum number of students through on-campus, pooled-campus and off-campus interviews conducted by reputed Government / Private organizations and MNCs.



The T&P Cell organizes regular training programmes on grooming, mock interviews, etc for the students. Practical training for engineering students is an integral part of the curriculum and in-built into the programs of study. The students are introduced to industrial practices through training programs. At Aliah University students have access to soft skill lab, advance computing lab, all time internet and career guidance support. Competition for employment is intensifying day by day and fetching a good job is becoming a challenging task. Keeping this in mind, the Cell organizes a series of in-house grooming programmes, e.g

- (i) Interactive Seminars & Workshops
- (ii) Aptitude & Soft Skill Classes
- (iii) In-depth counseling by experts
- (iv) Mock interviews
- (v) Arranging technical training by technical experts and industrial visits during semester breaks to get practical exposure.

**INDUSTRIAL TRAINING**  
by Industry Expert

### Internship Programmes :

Aiming to place the maximum number of students through On Campus, Off Campus & Pooled Campus interviews, the T&P Cell helps the students in getting practical exposure through internship programmes related to their domain.



## PRE-PLACEMENT Training

As placement is of vital importance, English communication and rigorous pre-placement drills accompany all courses. Our pre-placement training includes:

### Soft Skills Training :

Hones the English and Business Communication of the students by stressing on their English grammar, fluency in speech through extempore, debates and other speech-oriented exercises, aptitude building, group discussion, HR Skills, CV Writing, interview techniques, and many more...

### All Round Development :

Through career planning, decision making skills, confidence building, teamwork abilities, organizational skills, customer care, managing your manager and prioritizing workloads.

### Live Business Projects :

Opportunity to work on live projects, corporate forerunners and industrial leaders through lectures and seminars, Interaction with entrepreneurs.

### Training :

#### Step1

- Training in interview skill to help students deal with tough and tricky interview scenarios
- Practical-oriented training and Laboratory workouts on trendy technologies
- Training in English Communication to remove inhibitions and encourage fluency of speech

#### Step2

##### **Institute-Industry-Interface**

- Practical experiences through labs, live-projects and industry visits make it easy to understand the subjects with better clarity
- Allow student interaction with entrepreneurs and corporate leaders through lectures, seminars, and group discussions
- Assist students understand the intricacies of integral fundamentals
- Help the students imbibe corporate culture and norms

#### Step3

##### **Practical training to produce lucrative placements**

- Industrial training gives knowledge of the professional world outside
- Summer internship Programmes in top firms.
- Cover all the major components of the curriculum
- Practical and Project works as per industry standard
- Offers hands-on experience of working on live projects





## Industrial Training & Internship Programmes

*P*artial list of companies providing Industrial Training & Internship Programmes :



- ▶ Eastern Railways
- ▶ Hindustan Aeronatics Ltd
- ▶ Kolkata Tramways Company
- ▶ Ltd
- ▶ PWD
- ▶ WBPDCCL
- ▶ CESC Limited
- ▶ SAIL
- ▶ All India Radio
- ▶ WBSETCL
- ▶ NKDA
- ▶ Durgapur Steel Thermal Power
- ▶ NTPC
- ▶ L&T
- ▶ Simplex Infrastructures
- ▶ Shapoorji Pallonji
- ▶ STUP Consultants Pvt Ltd
- ▶ Titagarh Generating Station
- ▶ Mackintosh Burn Ltd
- ▶ Gammon India Ltd
- ▶ Mother Dairy Calcutta
- ▶ BIL Infratech Ltd
- ▶ PepsiCo



# ALUMNI SPEAK



**MD KHATIBULLAH**  
EE

**AMAZON**  
*Data Associate*

After my higher secondary schooling, i really needed a powerful program to better groom me in all aspects. Like others i was bit apprehensive about ALIAH UNIVERSITY as it was a new institute. What I loved about ALIAH UNIVERSITY is the quality of education and the responsible faculty members.



**KUMAR SOURAV SINGH**  
ME

**Regional Service**  
**Co-ordinator (Engineer)**

**Eltech Appliances Pvt. Ltd.**

Well when I joined our university back in 2013 there was nothing much exciting about it except the fact that it is government university. Mechanical Engineering is considered as one of the premium degrees on offer as far as engineering is concerned and I believed in the same too. I first interacted with Jakir Sir during our vocational training classes held during our 4th year.



**URUSA KHAN**  
CSE  
**Wipro,**  
**Project Engineer**

Aliah University is not just an "Institution", It actually denotes a "Culture", Culture of excellence, empowerment, and enrichment. These four years were the best time of my life. All the teachers helped me in acquiring Knowledge not only theoretical but the one which made my way to success. Continuous effort of placement cell in Grooming the young mind is the best thing I got in aliah.



**TANVEER RAZA**  
EE

**RDC Concrete**  
**Senior Officer - Logistics**

I graduated in Electrical Engineering from AU in 2018 and landed a job in the same year in RDC Concrete in my desired profile as a Graduate Engineer Trainee in campus interview. AU is a sanctuary of learning comprising blend of different departments working together resulting in synergy. In the four years spent at AU, I gained knowledge and got an opportunity to enhance my personality, skills and intellect.



**CHOUDHARY AFZAL ANWAR**  
ECE

**Cognizant**

It was a great 4-year experience for me as a B-Tech student in this fabulous college. The training and placement cell was very supportive and active when it was time for the placements. I got a chance to sit in many Tech Giants and luckily ended up getting offers from three of them (Cognizant, Infosys and Sears Holding's corporation). As a proud alumni of this prestigious college which has a very rich and bright future, I will try my best to keep in touch with my college.



**MEHTAB HUSSAIN CHOWDHURY, ME**

**Project Engineer (HVAC Sales)**  
**Fujitsu General**

It was a great time and experience, getting graduated from Aliah University. Aliah University has a very wonderful faculty and they are very encouraging. The relation between faculty and student is very jovial, which gave me an opportunity to stand out and start a career. I can't thank enough Aliah University the support and encouragement to be a "Better Person".



**RITAM DUTTA**  
EEN

**TRON Associate**  
**Amazon, Hyderabad**

I have been here for only 3 Years and the support I received from Friends, Teachers & Trainers have helped me to reach here. The classes, for getting ready for Recruitment by the Training and Placement Team was the best.



**MD SANOWAR HOSSAIN PAIK**  
Arabic  
**Amazon, TRMS**

Moving from a student phase to an employee phase is a wonderful opportunity. It's true that students are the brand ambassadors of University. It doesn't matter to which University you belong to, it's the matter of quality of education and getting into the corporate world by utilizing them. It was my great journey in Aliah University in the Department of Arabic. I am thankful to our placement officer Mr. Jakir Hossain for providing me an opportunity and getting placed in Amazon Development Center, Amazon India Pvt. Ltd. And I would like to thank our Faculties and our placement trainer for seeding confidence, motivation and helping me to know about interview process. And I am thankful to all of them for what I'm today. I will be thankful and obliged to Aliah University forever.

# STUDENTS' SPEAK



**Abid Hossain Biswas**

*Computer Science and Engineering, 3rd  
Founder of EIC*

Every single day of my university taught me something new aspects of progress in life. My Department is very innovative and progressive. Together, the students and teachers have set out on a new future. The beautiful environment of the university gives students the opportunity to be enriched with education culture and personality.



**Sk Safin**

*Electrical Engineering, 3rd Year*

Frankly speaking it is one the best institutions to spend the most important phase of our lives. The infrastructure is phenomenal and ever developing, well equipped labs and and the adobe of happiness for all the readers out

there - a fully air-conditioned and wi-fi enabled Central Library ! With the guidance from our highly experienced faculties . Not to mention the exponential rise in our placements in various reputed companies all thanks to our Training & Placement Cell.



**Sk Sanwayee Aktari**

*Civil Engineering, 3rd year.*

Aliah University is the best platform for one to learn and explore things. The ambience , Teachers here are much dedicated towards their work . This is the place where quality education is imparted.

Placements here are good enough. Fairly large number of students gets palced every year in various multinational companies. Laboratories are well equipped. The hostel facility is pretty good. Canteen is well organized and hygienic as well. 'Aliah University is the sphere which will help you bloom.'



**Md Nafish Alam**

*ECE, 3rd year*

The department of ECE has been set up to impart quality education and research among students. The university has everything which a student needs in every form. Students are getting hired by top visiting companies like Amazon, Wipro, Tcs, Byjus etc. Training and placement cell authorities are very supportive here.



**Saimoom Sardar**

*Mechanical Engineering, 3 Year*

Teachers, staffs and students are very helpful and gentle in our University as well as our department. Classrooms and lab rooms are well-decorated with expensive instruments, perfectly adequate for lab works.

In spite of being a new University, placement is increasing every year. Placement cell arrange campus drive and invites many companies to visit our university.



**Ayasha Zaman**

*CSE, 3rd year*

I am fortune to get an opportunity to study at Aliah University. The college has experienced talented faculty, well ventilated classrooms, spacious labs and library.

The university is quite diverse and will give you a better feel for people that come from different cultures and backgrounds. As cheesy as it sounds, there actually is something for everyone here at A.U.



# PLACEMENT Highlights

A few top recruitments of 2020, 2019 and 2018 (Aliah Achievers)



Aamir Mahiuddin  
Ansari ECE164037  
Capgemini



Aanzil Akram Halsana  
CSE164044  
Cognizant



Akhtar Ali Sk  
MEN164017  
LID O Learning



Choudhary Afzal  
Anwar ECE164009  
Infosys



Md Hamza  
CSE164022  
Infosys



Md Junaid Siddique  
CSE164003  
Byjus



Md Sarmad Akram  
Ahtesham MEN164016  
Extramarks



Md Asif  
ECE164005  
Extramarks



Mohsin Arfat  
MEN164061  
Amazon



Nishat Chowdhury  
Physics  
Amazon



Saem Ali  
CSE  
Amazon



Sana Sohrab  
MBA155014  
Kotak Life



Sazia Khan  
MBA155016  
Kotak Life



Sk Arif Ali  
ECE164036  
Capgemini



Tauqeer ahamed  
MEN164042  
Extramarks



Sk Rohit Hasan  
CSE164015  
Infosys



WAZDA JAMAL  
CSE164039  
Infosys



Kazi Masud Ahmed  
CSE154002  
Cognizant



Md Danish Iqbal  
CSE154047  
WIPRO



Urusa Khan  
CSE154016  
WIPRO



Arif  
MCNB9470  
Cognizant



Md Khatibullah  
EEN144017  
Amazon



Abdul Kadir  
ARB172006  
Amazon



Fensi Khatun  
MEN154045  
NU Calcutta  
Construction Comp.



Md Taj Khan  
MBA 145004  
Apollo Munich



Md Sanowar  
Hossain Paik  
ARB153005, Amazon



Md Mamnun Jamil  
CSE154004  
Tata Consultancy  
Services



Kainaath Jabin  
CSE154054  
Amazon



Prasit Ghosh  
MEN163004  
Amazon



Md Tausif Alam  
ARB 182014  
Amazon



Minhajuddin Mondal  
CEN154049  
NU Cal.Cons. Comp.



Mir Safiul Ali  
MBA145006  
ICICI BANK



Md Matinuzzaman  
Khan MEN154022  
Amazon



Najruna Sultana  
MBA145030  
ICICI BANK  
& Onqanet



Abhishek Gupta  
CSE154058  
VVDN  
Technologies



Rafikul Islam  
CEN154029  
NU Cal. Cons.Comp.



Reza Uz Zaman  
CSE154046  
Nihilent Limited



Ritam Dutta  
EEN 163011  
Amazon



Sabrina Abdul Malek  
ENG 165035  
Orchids The  
International School



Abbadur Rahman  
ARB163024  
Amazon



Akram Javed  
MEN154002  
Byju's The Learning  
App & Ogeneral



Nowshaba Khan  
Ece144043  
Amazon

# Placement Highlights



Wahida Rahaman  
MBA145008  
Apollo Munich



Subham Jaiswal  
MEN 154024  
Ogeneral & Amazon



Sirajul Mondal  
CSE154041  
Webqueue



Sahil Mortuza  
CSE144001  
Cognizant & ADP



Faisal Khan  
CEN144022  
Cognizant & ADP



Md Saif Alam Ansari  
ECE144025  
Amazon



Sagar Chakraborty  
ECE153005  
Amazon



Sabiha Sultana  
ECE144001  
Cognizant



Raihan Afsar  
CSE144042  
Cognizant



Ashir Mollick  
MBA13513  
M/s . Ramky Enviro  
Engineers Limited



Md Mahabub Alam  
Khan  
MBA13501  
Ramco Cements  
Limited



Asif Haider  
MEN144003  
Amazon



Sudipta Das  
ECE144003  
Amazon



Tanveer Raza  
EEN144048  
RDC Concrete



Sanghamitra Ghatak  
ENG162008  
Irvine Infocom  
Pvt. Ltd.



Prattik Kumar Pathak  
ECE154014  
Tata Consultancy  
Services



Somi Sabnam  
ENG162026  
Irvine Infocom  
Pvt. Ltd.



Md Zakaria  
ECE144006  
Sketch Web  
Solutions



Amir Hasmi  
MBA13539  
NJ India Invest Pvt.  
Ltd.



Md Earshad Ali  
MBA13517  
M/s. Ramky Enviro  
Engineers Ltd.



Ishrat Ara Khatun  
ENG13501  
Irvine Infocom  
Pvt. Ltd.



Shamama Tahseen  
MBA145002  
Onqanet  
Technologies



Shahneyaz Alam  
MBA145028  
Apollo Munich



Sayantan Deb  
ECE 154012  
Amazon



Asif Iqbal Khan  
MEN144027  
Lumino Industries  
Limited



Md Mirajuddin  
MEN144017  
Cognizant



Mohsin Arfat  
MEN164061  
Amazon



Sk Amber Razza  
EEN144029  
Sketch Web  
Solutions



Shaheen Ali  
CSE124015  
Cognizant & Sketch  
Web Solution



Masadul Hossain  
EEN124001  
TATA Consultancy  
Services



Mehtab Hussain  
MEN13425  
Amazon & OGeneral



Kumar Sourav Singh  
MEN13404  
OGeneral



Hepjur Rahaman  
ARB172016  
Amazon



Md. Kamran Azam  
EEN13420  
Taurus Powertronics



Md. Amin Shahbaz  
EEN13432  
Taurus Powertronics  
& Eclick



Md. Mojibul Hasan  
ECE13432  
Amazon & Onqanet  
Technology



Shreya Bhunia  
STI 172002  
Nihilent Limited



Samim Akhtar  
ARB182044  
Amazon



Sadaf Nasim  
MBA145009  
ICICI Bank



Sarajeet Pal  
CEN163014  
Nu Cal. Cons. Comp.



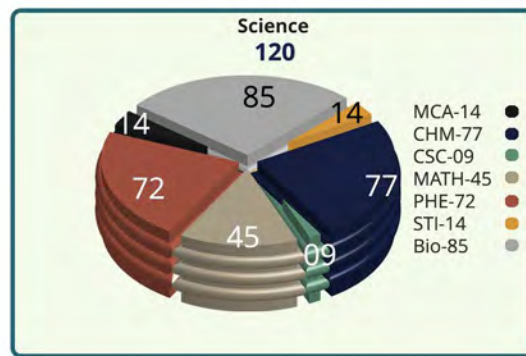
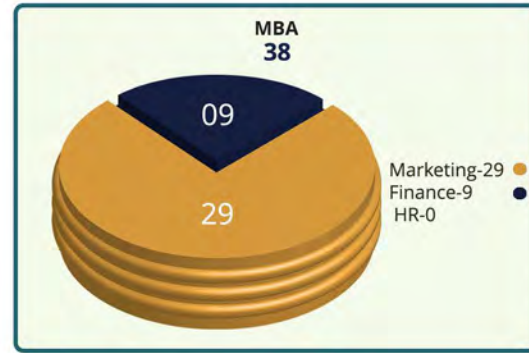
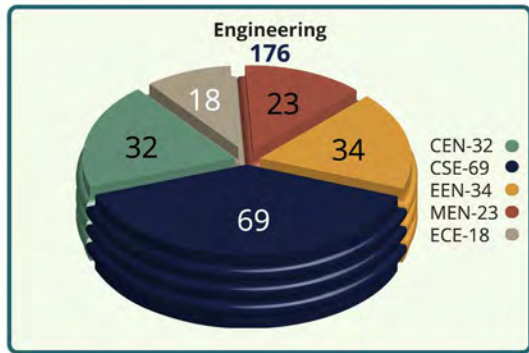
Saqlain Mamun  
CEN 154015  
RDC Concrete India  
Pvt. Ltd



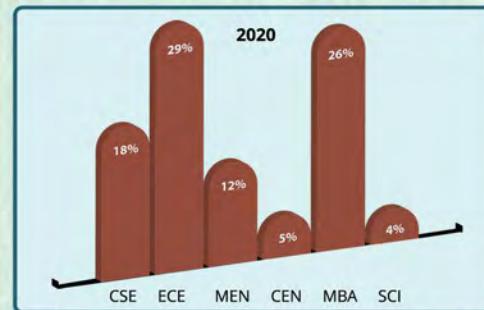
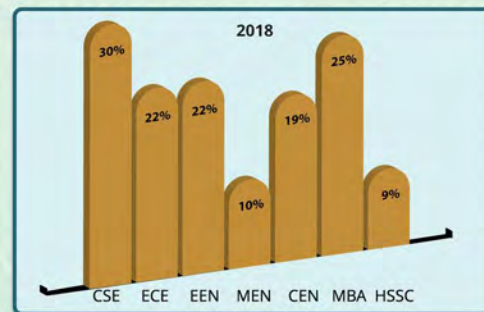
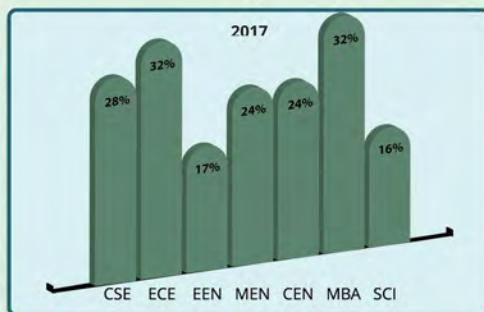
Md Hamza  
CSE164022  
Infosys



# BATCH PROFILE for Final Placement



## Placement Statistics



# OUR PROMINENT RECRUITERS

The Cell continuously coordinates with various industries and organizations for placement of the students. It has already successfully placed a percentage of students in industry. It actively obtains feedback from organizations and conveys it to respective departments which, in turn, train students accordingly, thereby increasing their employability.





## PLACEMENT COMMITTEE



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