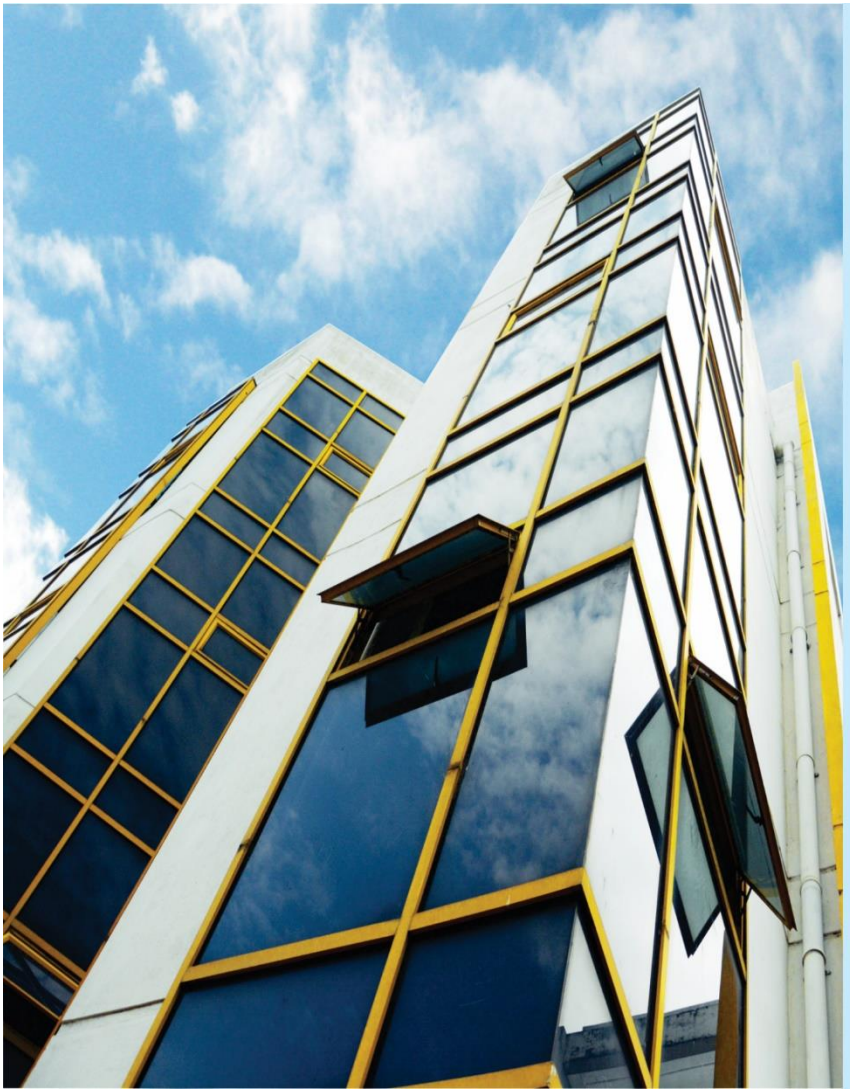
ACADEMY OF TECHNOLOGY
Years of Academic Eminence
14
AICTE approved engineering college affiliated to MAKAUT, WB
(Formerly known as WBUT)



Established in 2003, Academy of Technology is one of the most acclaimed self-financed engineering colleges in West Bengal. It has been established by Ananda Educational Development & Charitable Organisation (AEDCO), a trust dedicated to the promotion of education by inculcating appropriate ethics and attitude.

In a metamorphosis of over 14 years, Academy of Technology has been reinventing itself constantly to explore the infinite possibilities of engineering and technology - an academy that inspires everyone to think differently. It is now the preferred career destination for meritorious students due to its academic integrity & standard as well as its attractive campus placement.

Vision

"Aspires to be a pre-eminent deemed university of national standing in education and innovation."

Recognition

All academic programmes are approved by AICTE, recognized by Department of Higher Education, Government of West Bengal & affiliated to Maulana Abul Kalam Azad University of Technology, West Bengal (formerly known as West Bengal University of Technology).

Location

Located at Adisaptagram on the side of G. T. Road in the industrial region of Hooghly under Kolkata Metropolitan Development area, West Bengal, Academy of Technology is only 200 meters away from Adisaptagram Railway Station, next station to Bandel on Howrah-Burdwan main line [Eastern Railway] and only 65 minutes journey from Howrah Railway Junction. Kolkata Airport is only 47 km away.

Kanchrapara Railway Station (North 24 Parganas) is 9.4 km and Kalyani Railway Station (Nadia) is 10.4 km from Academy of Technology. Institute's Bus service is available from both railway stations.

Inauguration of Eastern India's first Wipro Lab, an initiative of Wipro Technologies to develop Center of Excellence at AOT

Wipro MTLC

Mission10X Technology Learning Center (MTLC) is a Wipro initiative that addresses the issue of employability of engineering graduates in India through improved laboratory practices in colleges. It is a partnership programme involving leading engineering colleges across India & Academy of Technology is proud to be the one & only nodal center of the Wipro MTLC initiative in Eastern India.

Wipro MTLC helps engineering students of AOT gain hands-on exposure in advanced technologies & gives them the experience of working in real time to make them industry-ready.

Accreditation & Alliances

Capgemini CONSULTING.TECHNOLOGY.OUTSOURCING | cisco Networking Academy | CYIENT | Google Innovation Centre | TATA TATA CONSULTANCY SERVICES | Tech Mahindra | WIPRO Applying Thought

Inauguration of the Google Innovation Centre at AOT by Prof. Ajoy Kr. Ray, Director, IIEST & Mr. Gagandeep Nagra, Google India

Google Innovation Centre @ AOT

Academy of Technology is the only self-financed engineering college in Eastern India to establish an Innovation Centre in collaboration with Google. With this initiative AOT has surged ahead of peer institutes by providing its students a platform where they can ignite the spark of innovation within them and design cutting-edge web & mobile apps under the mentorship of experts from Google.

Academic Programmes

B. Tech (4 Years)	Approved Intake
Computer Science & Engineering	120
Electronics & Communication Engineering	120
Electronics & Instrumentation Engineering	60
Electrical Engineering	120
Information Technology	60
Mechanical Engineering	120
M. Tech (2 Years)	
Computer Science & Engineering	18
Electrical Engineering	18
MCA (3 Years)	
Master in Computer Application	60

Admission Procedure & Fees Structure

In B. Tech courses students will be admitted from WBJEE (E&T) & JEE (Main) merit list through counseling. 10% seats in all B. Tech courses are reserved under management quota.

Lateral admission in B. Tech 2nd year, subject to maximum 20% of approved intake, will be made from JELET. MCA students will be admitted from merit list of JECA.

In M. Tech courses students will be admitted from merit list of GATE or PGET conducted by MAKAUT, WB.

Fees structure for all courses is in accordance with norms of State Government.

Financial Aid/ Assistance

- Full/ Half-Freeship for deserving meritorious students as per State Government norms which are renewable every semester on the basis of academic performance of student concerned.
- Active assistance to avail educational loans from nationalized banks.
- Financial assistance from various Government & Non-Government Organisations.
- Scholarship/ Stipend from Backward Classes Welfare Department, Government of West Bengal for SC/ ST/ OBC students.
- Education Loan from West Bengal Minority Development & Finance Corporation for students from Minority Community.
- Scholarship/ Stipend from different Central Government Organisations.
- Railway Concession for all eligible students.

Ranking

National Institutional Ranking Framework
Ministry of Human Resource Development
Government of India

Academy of Technology

makes its place with premier institutes of West Bengal in the MHRD National Institutional Ranking Framework for Engineering Institutions in India, 2017

The State ranking of Academy of Technology is **8th**, where IIT Kharagpur is 1st, Jadavpur University is 2nd and IIEST Shibpur is 3rd.

Academy of Technology adjudged **152nd** in the country.
https://www.nirfindia.org/EngineeringRanking200.html
Date: 3rd April 2017

TIMES CITY

LIFE AFTER COLLEGE

30,000 Graduates pass every year from Makaut (WBUT)

80-85% | Offers come from IT giants

- Civil engineering, marine engineering, bio-technology, automobile engineering, bio-medical are the worst-hit streams

Students showcase their innovations and project handling skills at the Milan Mela conclave

BEST GOVT ENGG COLLEGES
- Jalpaiguri Engg College, Kalyani Engg College

BEST INDIVIDUAL PVT ENGG COLLEGES
- IEM, Heritage

Institute, Academy of Technology - Adisaptagram, RCC Institute of Technology

BEST GROUP ENGG COLLEGES
- JIS, Techno India, Camelia

ACADEMY OF TECHNOLOGY

acknowledged as 3rd among the list of "Best Individual Private Engineering Colleges"

Report from the MAKAUT Education Conclave - TIMES OF INDIA

28th March 2017 || Page 2

Link: http://epaperbeta.timesofindia.com/Gallery.aspx?id=28_03_2017_002_027_008&type=P&artUrl=Desperation-for-engg-job-shows-Milan-Mela-hosts-280320170020027&eid=31812

careergraph

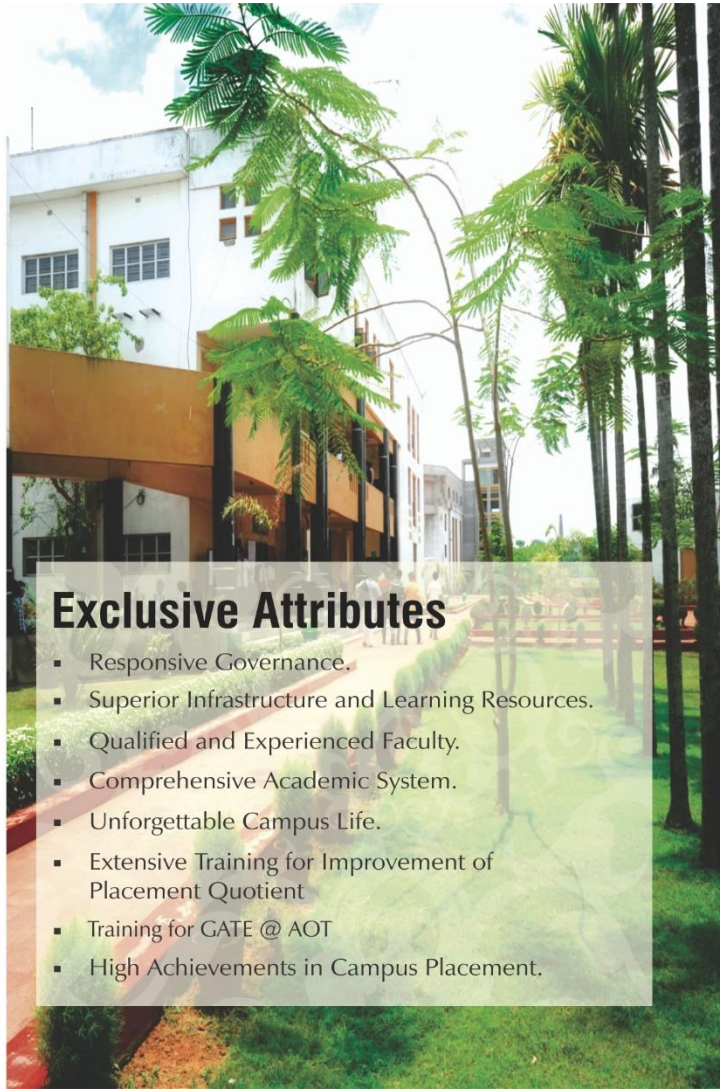
10 TOP ECH SCHOOLS

"...but the one that comes out on top is the Academy of Technology, Adisaptagram, Hooghly, not only because of its infrastructure and placement record but also the steady rise in the opening and closing rankings in the matrix and a growing reputation among students"

~ The Telegraph

(www.telegraphindia.com/1090611/jspcareergraph/story_11090918.jsp)

The Telegraph ranking of Top Ten Engineering Colleges (Govt. & Private) in West Bengal.



Exclusive Attributes

- Responsive Governance.
- Superior Infrastructure and Learning Resources.
- Qualified and Experienced Faculty.
- Comprehensive Academic System.
- Unforgettable Campus Life.
- Extensive Training for Improvement of Placement Quotient
- Training for GATE @ AOT
- High Achievements in Campus Placement.

Responsive Governance

Responsive governance of Academy of Technology is entrusted upon renowned academicians and alumni of IIT Kharagpur accompanied by educationists whose inclusive effort for development in academic, administrative and placement activities of Academy of Technology is one of the key factors that has enabled us to be ranked within top ten Government & Self-financed engineering colleges within a couple of years of establishment. At Academy of Technology we strive constantly to better ourselves.

Dr. Dilip Bhattacharya
Former Professor, Dept. of E&EC Engg.,
IIT Kharagpur

Dr. P. B. Duttagupta
Former Professor, Dept. of
Electrical Engg., IIT Kharagpur

Mr. Sambuddha Deb
VP & Head-IT Services, Trianz
An Alumnus of IIT Kharagpur &
IIM Ahmedabad
Strategic Adviser & Former Executive
Vice-President, WIPRO Technologies

Prof. Ravikumar Bhaskaran
Former Dean Continuing Education &
Professor in Charge T&P, IIT Kharagpur

Dr. A. B. Chattopadhyay
Former Professor, Dept. of
Mechanical Engg., IIT Kharagpur

Prof. Tapan Kumar Basu
Former Professor, Dept. of
Electrical Engg., IIT Kharagpur

Mr. Gautam Mukherjee
An Alumnus of IIT Kharagpur
Former General Manager
OSS-BSS Operations,
Wipro Technologies

Prof. Anindita Banerjee
Co-founder & Executive Trustee
Academy of Technology

Prof. Jagannath Banerjee
Founder & Chairman Trustee
Academy of Technology

Superior Infrastructure & Learning Resources

The lush green campus of Academy of Technology is spread over an area of 10.66 acres with provision of water harvesting inside the campus. In order to sustain and maintain a high standard in teaching, the following state-of-the-art infrastructure has been developed as a modern piece of architecture blended with the environment.

Academic Infrastructure

- 3.01 lac sq.ft. built up space to serve the curricular requirements.
- Wi-fi enabled campus with 50 Mbps internet connectivity supported by OFC for uninterrupted accessibility.
- 62 spacious classrooms, tutorial rooms and seminar halls with audio-video and digital teaching aids.
- 84 high end IT and Core engineering laboratories.
- Resourceful central and digital library.
- Centrally air-conditioned auditorium with accommodation capacity of 350.

Departmental Laboratories

A total number of 84 high end IT and Core engineering laboratories adhering to the requirements of university curriculum under eight academic departments. Many higher semester core and computer laboratories are equipped with industry compatible experimental setup and software based simulation platform beyond university curriculum to provide the students a cutting edge in campus placement and professional career.

Partnership with TCS iON since 2012 attests to our robust computing facilities

Computing Facilities

The computing facilities of Academy of Technology consist of:

- Total 850 nos. HP/ACER/Sun Blade Workstations and other relevant hardware in computer & core engineering laboratories, digital library and academic departments, networked with 100 Mbps Cisco networking tools.
- 5 high end Servers which include Sun UltraSparc IIIi with Solaris 10 & JAVA ES and 4 IBM Servers.
- Total 41 nos. latest Application Software, System Software and Compiler.
- Wi-fi Campus with 50 Mbps 1:1 leased line internet connectivity supported by OFC.

For major experimental facilities and equipment in departmental laboratories, please visit

www.aot.edu.in > Infrastructure

Department of Computer Science & Engineering

Advanced DBMS Lab. | Computer Graphics & Multimedia Lab. | Data Structure Lab.-I | Data Structure Lab.-II | Database Management Lab. | Programming Practice Lab.- II | Software Project Lab.-I | Algorithm Lab. | Design Lab.- II | Advanced Programming Lab. | Artificial Intelligence & Image Processing Lab.

Department of Information Technology

E-Commerce Lab. | Advanced Computer Architecture Lab. | Networking Lab. | Object Oriented Programming Lab. | Object Technology Lab. | Design Lab. -I | Internet Technology Lab. | Visual Programming Lab. | Software Project Lab.-II

Department of Electronics & Instrumentation Engineering

Analog Circuit Lab. | Digital Circuit Lab. | Circuit & Networks Lab.- I | Circuit & Networks Lab.- II | Computer Organisation Lab. | Digital Electronics & Logic Design Lab. | Industrial Instrumentation Lab. | Measurement & Sensors Lab. I & II | Process Control Lab. | Telemetry & Remote Control Lab. | Mechatronics Lab. | Instrumentation and Control Design Lab.

Department of Electronics & Communication Engineering

Communication Engg. Coding Theory Lab. | Solid State Device Lab. | Signal & System Lab. | Analog Communication Lab. | Digital Communication Lab. | DSP & VLSI Lab. | Electronics Design Lab. | Analog Electronics Lab. | Electronics Engineering Lab.- I | Electronics Engineering Lab.- II | RF & Microwave Engineering Lab. | EM Waves & Tx Lines Lab. | Microprocessor & Microcontroller Lab.- I | Microprocessor & Microcontroller Lab.- II | Simulation & PCB Lab. | Advanced Communication Lab. | MTLC (Mission 10X) Lab.

Department of Electrical Engineering

Control System Lab. | Electrical Drives Lab. | Basic Electrical Engineering Lab.- I | Basic Electrical Engineering Lab.- II | Electrical Machine Lab.-I | Electrical Machine Lab.-II | Power Electronics Lab. | Power System Lab.

Department of Mechanical Engineering

Dynamics of Machine Lab. | Fluid Mechanics & Hydraulics Machines Lab. | Machine Drawing Lab. | Machining & Machine Tools Lab. | Workshop-II (Primary Manufacturing Lab.) | Material Testing Lab. | Metrology & Measurement Lab. | Applied Mechanics Lab. (Strength of Materials Lab.) | Thermal Power Engineering Lab. | Applied Thermodynamics & Heat Transfer Lab. | IC Engine Lab. | Advanced Manufacturing Technology Lab. | Computer Aided Design (CAD) Lab. | Design Practice Lab. | Engineering Drawing & Graphics | Workshop

Department of Engineering Science & Humanities

Engineering Physics Lab.-I | Engineering Physics Lab.-II | Engineering Physics Lab.-III | Engineering Physics Lab.-IV | Engineering Chemistry Lab.-I | Engineering Chemistry Lab.-II | Language Technology Lab.

Department of Computer Application

Numerical Analysis Lab. | Operating System Lab. | Programming Practice Lab.-I | Unix Lab.

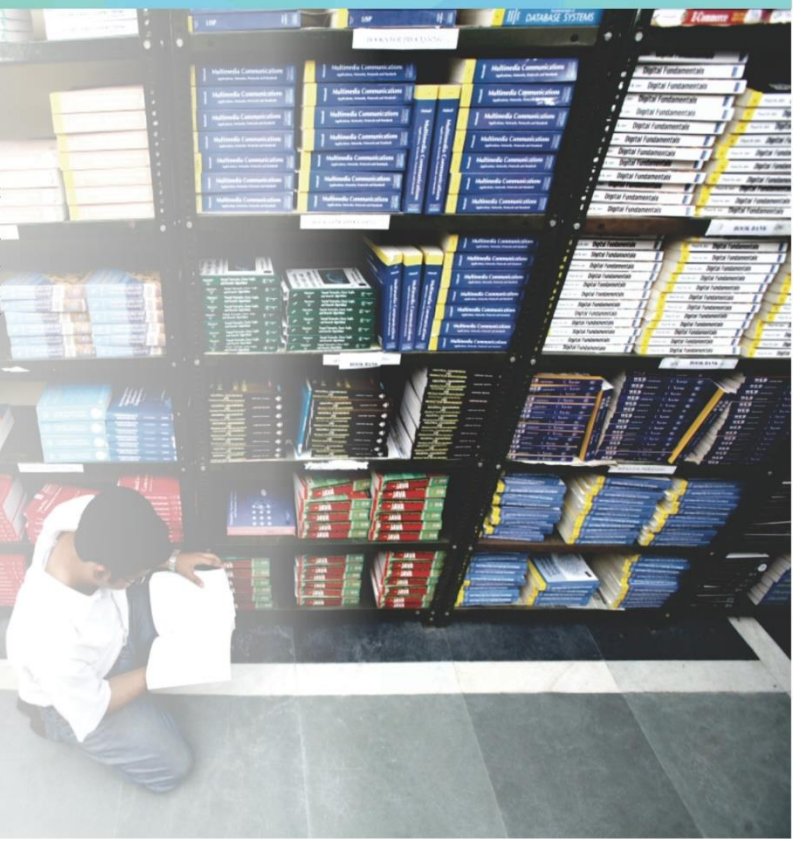
Learning Resources

Central & Digital Library

Central Library

A well-designed building with covered area of 6800 sq. ft., the Central Library of the institute presently contains 48238 volumes of text books and reference books and about 5437 titles on all relevant subjects.

271 national and international journals, proceedings from IEEE, magazines, back volumes of periodicals and national dailies are available in the Central Library. The collection is growing both in quality and quantity with regular addition of new books, journals and reading materials from time to time. Book Bank facilities are also available to every student. Library is fully equipped with Libsys, Web OPAC and also ensures availability of Audio-Visual & Reprographic facilities. The Library remains open on all working days, on academic weekends and vacations.



Digital Library

Digital Library of Academy of Technology is accessible from everywhere in the campus and is resourced with:

- Online subscribed Journals
- E-books
- Question Bank
- Video Lectures
- GATE study materials
- WebOPAC (Online Library Catalogue)
- 400 open access e-journals
- Tutorial CD/DVD Service
- Online Assessment Software
- DELNET
- All NPTEL web/video courses

Digital Library is equipped with IBM X3400M3 Intel Xeon 5506 (Quadra Core) Series, 10 P-IV Workstations, internet connectivity and other relevant hardware and software.

Qualified and Experienced Faculty

"Quality education starts with its educators"

AOT believes in creating an environment that helps the students to enhance their intellectual, emotional and physical development.

Prof. (Dr.) Dilip Bhattacharya, renowned Professor of Electronics & Electrical Communication Engineering from IIT Kharagpur and the Director of Academy of Technology, leads a team of 177 qualified and experienced faculty members conforming to AICTE stipulated teacher-student ratio of 1:15.

- 35 regular faculty members are PhD and out of them 17 are Associate Professors.
- 17 Assistant Professors are pursuing PhD.
- 7 faculty members have more than 25 yrs of teaching & research experience.
- 43 faculty members have 10 to 24 yrs of teaching & research experience and out of them 31 are Assistant Professors.
- Average teaching experience of faculty members is 10 years 7 months.
- Faculty members of AOT have published 287 papers in International & National Journals & 305 International & National Conference papers.
- Existing faculty members of AOT have authored 6 books.
- 64 faculty members of AOT are IEEE members.

For more information log on to **www.aot.edu.in>Faculty**

Comprehensive Academic System

In its continuous journey towards excellence, Academy of Technology has instituted several Best Practices in every sphere from Governance to Academics, from Students' Life Cycle Management to Faculty Recruitment & Development. The **Comprehensive Curricula @ AOT** is one such Best Practice. It has been implemented to enhance the Employability Quotient of every one of our students as well as help them achieve a high percentile in GATE through an integrated and blended curriculum that meets present industry trends.

The objective of this Best Practice is to help students progressively attain a desired benchmark in their professional competencies by achieving the right balance between technical skills and soft skills (in alignment with the Graduate Attributes articulated by Accreditation bodies like NBA, NAAC & ABET as well as industry requirements).

To achieve this objective the University syllabus has been rounded out and enriched keeping in mind desired learning outcomes and specific industry requirements. "In today's knowledge-based economy, what you earn depends on what you learn." To equip students for their future careers, additional content & resources for crucial skill-enhancement have been integrated as needed. Along with this, using the knowledge and experiences of several distinguished well-wishers of AOT, the very approach to teaching & learning is being continuously enriched so that every student can develop the skills required for the world beyond.

To achieve the goal of imparting quality education and also to instil confidence in the minds of students, the whole edifice of the academic system is based on the tripod of **(i) Attendance, (ii) Teaching- Learning & Mentoring Process and (iii) Academic Integrity**.

Comprehensive Academic System

Attendance: Regular class attendance is fundamental to the orderly acquisition of knowledge. In AOT, utmost importance is given to regular class attendance which is a responsibility and a prerequisite of engineering education. Students should recognize the advantages of regular class attendance, accept it as a personal responsibility and apprise themselves of the consequences of poor attendance.

Teaching-Learning & Mentoring Process: AOT regulates the teaching-learning & mentoring process using the following comprehensive methods:

Orientation Programme for Educators:

- Arrangement of workshop at the beginning of every semester to review previous semester teaching-learning process, adopt steps to remove the flaws, introduce new ideas and chalk out teaching plan for the next semester.
- Based on the feedback received from various cross sections of students, counselling to desired faculty members for improvement.
- Completion of prescribed syllabus in a structured manner with provision for extra hours in class routine to teach the comprehensive curriculum in a relaxed fashion.
- Distribution of detailed syllabus and lecture plans with course objectives and e-learning resources to the students at the beginning of every semester.

Course Delivery in Comprehensive Manner with Proper Teaching Plan:

- A series of Orientation Classes at the beginning of each semester to generate awareness about various aspects of academic performance.
- Proper reallocation of classes on daily basis (if required) to ensure that no class is let off.

Comprehensive Academic System

- Delivery of class room instruction with emphasis on power point presentation and proper animation to make the lecture illustrative and understandable.
- Advice regarding use of printed and e-resources for some such information which either is not available in text books or needs to be updated.
- Question Banks pertaining to MAKAUT, WB syllabus, competitive exams like GATE & Campussing & additional print & e-resources as needed. Question Banks are provided to students to provide them opportunity to assess their own understanding of subjects.
- Video lecture, lecture from industry experts to enhance the exposure and application knowledge.
- Tutorials and Home assignments based on Industry application of the relevant subject. In lab work, the students are allowed to explore, investigate and critically examine the instruments, experiments and design methodology. Some space is available here for independent thinking.
- Optimum use of lab & effective execution of final year projects with focus on areas beyond curriculum & real-life industry practices. In GDs and Seminars, students are advised to choose topics not covered in the texts and in the prescribed syllabi; once again they are allowed to choose freely the subjects of topical interest for their final level projects and thesis work.

Performance Monitoring & Improvement Measures:

- Regular attendance monitoring after every 12 teaching days through indigenously developed software.
- Monitoring students' progress and difficulties in learning and performing.
- Review/ adjustment in instruction delivery methods if required.
- Motivating students for self learning with specific interactive session.

Comprehensive Academic System

Continuous Assessment and Appraisal:

- Regular class assignment, quiz on subject topics to review the students' attainment of instructional outcomes.
- Two well planned (pre-scheduled) class tests to help the students gauge their level of progress and help the faculty member adopt monitoring and corrective measures.
- University examination system with high integrity.

Counselling & Mentoring Weaker and Wayward Students:

- Regular mentoring and counselling on one-to-one basis for attendance and academic improvement and to bring back wayward students to mainstream.
- Remedial lectures/tutorials beyond class hours.
- Interaction with parents with preferably two Guardian Interaction Sessions per semester at the institute level and as many as required at the departmental level.

Academic Integrity: Every individual student, faculty and staff of Academy of Technology believes that unfair examination system, whether it is home assignment, internal examination or university examination, is the ultimate violation of academic integrity. It is an already established fact that our examination system which is conducted with utmost integrity makes our students hardworking and motivated, and thus enables them to get right placement and/or opportunity of higher studies through competitive examinations.

Professional Exposure Beyond Curriculum

Internship programme for every student in government & private organisations, seminars, industrial visits, invited lectures and national/ international conferences are organized on a regular basis to enhance professional competence of students. In every academic session Academy of Technology arranges summer training / internship for every pre-final year B. Tech student. For information regarding companies where our students have done their summer training/ internship during the last three years, please log on to **www.aot.edu.in>Talent Transformation>Summer Internship.**

Performance

Performance is always the result of intelligent planning, focused efforts and commitment to excellence. Steady improvement in university result of students due to comprehensive teaching- learning and counselling system of AOT attests that positive change is the end result of true learning.

Year of Graduation	2014	2015	2016
Graduation Level (B. Tech) Performance DGPA 6.75 & above i.e. equivalent to 60% marks.	91.60%	92.23%	91.72%
Entry Level Standard (60% & above in HS / 10+2 standard).	89.00%	89.10%	87.32%

Year of Graduation	2014	2015	2016
Graduation Level (B. Tech) Performance DGPA 8.25 & above i.e. equivalent to 75% marks.	47.40%	43.57%	46.37%
Entry Level Standard (75% & above in HS / 10+2 standard).	41.00%	33.96%	39.29%

Success@GATE/GRE/CAT

- 57 students have qualified GATE and are eligible for GATE Scholarship.
- 8 students have qualified GRE and 10 students have qualified in CAT.

Campus Amenities

HOSTEL

In-campus Boys Hostel for 250 students and completely separate in-campus Girls Hostel for 130 students, with all amenities and internet connectivity for every hostel resident. All resident students are required to become members of the hostel mess.

AUDITORIUM

A well-designed centrally air-conditioned auditorium with an accommodation capacity of 350 and equipped with all necessary facilities.

HEALTH CARE

Round-the-clock medical facilities and ambulance service for hostel residents and day scholars. Medical help from hospitals is arranged if required for serious or prolonged treatment.

CAFETERIA

Food at administered prices is available from in-campus cafeteria.

BANKING

24 hrs. ATM facilities within the campus.

GYMNASIUM

ADROIT - the sophisticated institute gym for students of the institute.

BOYS HOSTEL

GIRLS HOSTEL

A Ragging-Free Campus

As per directives of the Hon'ble Supreme Court of India and also West Bengal Act XIII of 2000, Ragging is a criminal offence. AOT ensures strict compliance of this and ragging in any form within and outside the campus is prohibited. The constant vigilance and 'zero-tolerance policy' of the Anti-Ragging Committee and various Anti-Ragging Squads of the college as well as the co-operation of the faculty, staff & students continue to keep AOT free from the menace of ragging.

Campus Communities

Academy - where the zeal of extracurricular activities is limitless and a deep sense of belonging prevails. One can get into everything in the community life of AOT campus.

A community where students can showcase their talents in dance, drama, music, songs and every other form of performing art. Every year community members of ARDOUR organize ARCADIA - the most vibrant socio-cultural event of the campus – an event unparalleled in the whole state.

This community focuses on creating writing, painting, quiz, debate, photography and other spheres of creative performances. HUMATRONICS - the annual talent search competition and WALLZINE - the magazine published by ANALECTS have been widely acclaimed over the years.

It is a facet of aspiring engineers of AOT to show case their unmatched innovations spanning several spheres of software, hardware and robotics. Every year TECH-FIESTA, the State level Tech Fest of AOT, is organized by ACUITY - the community for technological innovations.

This community promotes different inter- and intra-college competitive events in athletics, basketball, badminton, cricket, football, table tennis and volleyball and to give a strong thrust in these activities AOT organizes dedicated and round-the-year coaching. AOT is champion of inter-college basketball meet of MAKAUT, WB and winner of several gold and silver medals in inter-college athletics meet of MAKAUT, WB.

Contributing to social causes in a structured manner, ACCLIVITIES - the community for NSS and Social Service - has been an integral part of AOT over the last two years. Members of ACCLIVITES organize NSS activities, awareness programmes in adult education and computer literacy and also campaigning against pollution, tobacco, drugs and alcohol addiction and ragging. AOT is a ragging free campus and the credit goes to the community members of ACCLIVITIES.

“ The starting point of all achievement is desire. ”

Success is not impossible; it comes when you refuse to give up. All you need is the zeal to succeed and the right kind of guidance.

An inadequate preparation may often result in unsatisfactory ranks in entrance exams. However, this need not be the end. You can still have a highly successful career. You don't need to be a genius. All you need is dedication and a Comprehensive Academic System that prepares you adequately for every career path – be it Campus Placement or GATE. And we have proved this since back in 2003 - 2007 from our very first batch of students.

STRATEGIC CAREER DEVELOPMENT PLAN @ AOT

We leave no stone unturned in empowering our students. If you have the desire and determination to succeed, the Strategic Career Development Plan @ AOT will transform your dream into reality. In addition to the regular teaching-learning process that caters to the prescribed university syllabi and the Comprehensive Curriculum that enhances conceptual & application knowledge of students, AOT offers a unique plan that encompasses every facet of a student's professional career – the Extensive Training for Improvement of Placement Quotient.

Extensive Training for Improvement of Placement Quotient

Achievement is a target won by training and habituation. For most colleges training is a one-time affair, but we believe in a well-structured & comprehensive approach that helps every student achieve his/her true potential. So we reinvented the Training for Improvement of Placement Skills (TIPS) begun in 2004 and instituted a more holistic programme from 2012. Presently, AOT provides training from the very first year with regular internal assessment to enable our B. Tech, B. Tech (Lateral), M. Tech & MCA students to be high achievers in Campus Placement. Pre-final and final year students have the opportunity to take several online practice tests using the extensive set of questions on AOT's Moodle-based Assessment Portal to improve their performance during campus recruitment.

Placement Skill	Programmes	Focused Objectives	Weekly contact hours per semester *							
			1st Sem	2nd Sem	3rd Sem	4th Sem	5th Sem	6th Sem	7th Sem	8th Sem
Soft Skill	Communicate Connect	English communication skill development vis-à-vis preparation for TOEFL with audio video study material	1 hr./ week	1 hr./ week	1 hr./ week	1 hr./ week				
	Enrich English	English aptitude enrichment tutorials for employability competency development and also competitive exam e.g. CAT/ GATE/ GMAT/ GRE				1 hr./ week	1 hr./ week	1 hr./ week	2 hrs./ week	NBT**
	Inclusive Interaction	Proficiency development training for GD & PI, on most occasions on one to one basis							1 hr./ week	NBT**
Aptitude Skill	Aptitude Adaptation	Classroom and software based training for aptitude proficiency development for campus placement and CAT/ GATE/ GMAT/ GRE				1 hr./ week	1 hr./ week	2 hrs./ week	3 hrs./ week	NBT**
Technical Skill	Fount Foundation	Advanced foundation course in Physics & Mathematics	2 hrs./ week	2 hrs./ week						
	Sthenic Software	Training to amplify software knowledge in C, Data Structure and Java for Campus Placement		1 hr./ week	1 hr./ week	1 hr./ week	2 hrs./ week	2 hrs./ week	1 hr./ week	
	Tech Target	Tailored tutorials to enhance competency in technical concepts for campus placement		2 to 4 hrs./week	2 to 4 hrs./week	2 to 4 hrs./week	2 to 4 hrs./week	2 to 4 hrs./week	2 to 4 hrs./week	NBT**

** For training schedule of MCA & M. Tech students please log on to **www.aot.edu.in > Talent Transformation***

*** NBT - Need-Based Company-specify Training*

Training for GATE@ AOT

In the present era, a valid GATE score is undeniably a very important aspect in engineering education. The rapidly escalating number of students applying for GATE every year attests to this. From 7,77,134 applicants in 2012 to 9,22,167 in 2017, this number has increased by 18.66% in merely 5 years.

WHY?

- PSU Jobs - Every year almost all the top Indian PSUs (ONGC, BHEL, NTPC, BPCL, CEL, Indian Oil, Power Grid, etc.) recruit engineering students for thousands of vacancies and for these a valid GATE score is mandatory. Nowadays, high salary and service security make PSU jobs more lucrative than private sector jobs. Moreover, jobs in the private sector, including IT sector, are decreasing day by day due to recession, automation, global foreign policy, etc.
- Higher Education - Approx. 12000 seats are available for M. Tech in the IITs and other premier institutions like the NITs, Jadavpur University, IIEST etc. for GATE qualified students. For those aspiring to go abroad, there is also the option to study at Singapore or Germany with a valid GATE score.
- MHRD Scholarship - Students who enroll for M. Tech programmes with a valid GATE score are eligible for a monthly scholarship of Rs. 12400/- from MHRD.
- Common Exit Test for Engineering degree - MHRD, Govt. of India is proposing to have a common Exit Exam that will be mandatory for engineering students in the near future. Sources say this may be GATE.

Salient features of AOT's GATE programme:

- AOT delivers comprehensive preparation alongside the regular university curriculum from the very first semester.
- The Comprehensive Curriculum @AOT includes specialized tutorials in GATE-relevant subjects in an integrated and blended manner to provide students required guidance from the moment they enroll at AOT.
- From the third semester, students are offered exclusive classroom teaching for GATE. Classes are seamlessly integrated with the academic curriculum and strategically placed across several semesters in such a way that the students have ample time to get prepared.
- Exhaustive Question Bank for a variety of online practice tests.
- Periodic Sectional and Unit Tests on the GATE class
- Regular Mock Tests to help the students gauge their progress as well as to make them familiar with GATE examination system. At present, GATE Examination is conducted by TCS iON.
- In the last two semesters before GATE, Mock-GATE in collaboration with GATE Training Institute having all-India presence and reputation.

High Achievement in Campus Placement

AOT's teaching-learning process, examination system and training for Improvement of Placement Quotient make our students hardworking and motivated, and thus enable them to achieve right placement by their own merit. AOT's endeavor is to provide maximum possible number of campus interview opportunities to the students with equal emphasis on IT and Core engineering placement and prolonged placement support even after graduation and we have been successful in this mission from the very 1st batch. In the last 3 years, an enviable percentage of AOT's students have been recruited by more than 100 renowned corporate houses during campus placement.

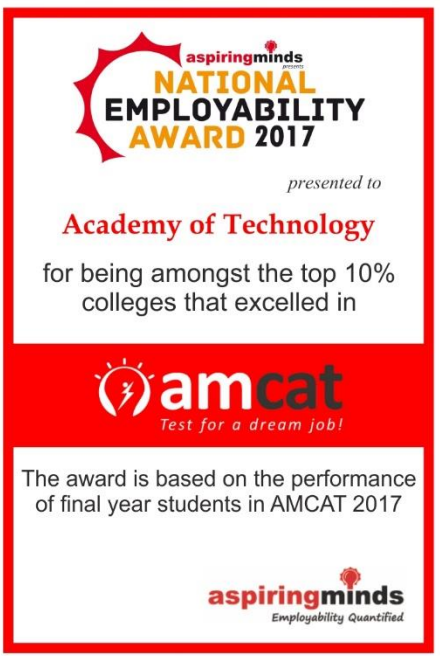
Placement 2017 (as on May 31, 2017)

At Academy of Technology, placement assistance is not an isolated event, it is a lasting commitment. AOT has been accredited by Capgemini, Cyient, Tata Consultancy Services, Tech Mahindra and Wipro Technologies for campus placement. Even during this year of recession AOT witnessed remarkable campus placement which has enabled the placement graph to touch a new height. Total 51 IT and Core engineering companies have already recruited 79.01% students from 2017 batch till 31st May. The annual average CTC is Rs. 3.40 lac p.a. Results of a few companies are yet to be declared. Confirmation has already been received from many companies to visit the campus for recruitment in June & forthcoming months.

Placement @ 2017	CSE	ECE	EE	EIE	IT	ME	MCA	Total
Total students with 60% marks throughout, in 10th, 12th/ Diploma & B.Tech up to 7th sem. & MCA	99	105	98	40	36	86	3	467
Total Placement Offers	**110**	**90**	**57**	**26**	**40**	**42**	**4**	**369**
Percentage of Placement Offers	111.11%	85.71%	58.16%	65.00%	111.11%	48.84%	133.33%	**79.01%**

Placement denotes total no. of job offers to the concerned students of the department, since many students have received more than one job offer.

Please visit www.aot.edu.in>placement for details of every placed student



AOT has won the tittle of National Employability Award 2017 for its outstanding performance in Campus Placement 2017

Valued Campus Recruiters @ Year 2017

Valued CORE recruiters of AOT	Date of Interview	CSE	ECE	EIE	EE	IT	ME	MCA
Atlas Copco	18.04.2017 20.04.2017				✓		✓	
gleeds	20.12.2016 21.12.2016				✓			
Godrej & Boyce Mfg. Co. Ltd.	25.10.2016				✓		✓	
JK Cement	25.04.2017				✓		✓	
Johnson Controls	26.08.2016 29.08.2016	✓	✓	✓		✓		
KONE	18.03.2017 20.03.2017				✓		✓	
Lincoln Electric	14.02.2017 16.02.2016						✓	
THE LINDE GROUP	24.03.2017			✓	✓			

Valued CORE recruiters of AOT	Date of Interview	CSE	ECE	EIE	EE	IT	ME	MCA
PATTON	02.05.2017 03.05.2017						✓	
Pernod Ricard	28.11.2016 01.12.2016			✓	✓		✓	
Pinnacle Infotech	08.12.2016 09.12.2016						✓	
Rajdeep InfoTechno	26.03.2017		✓	✓	✓			
SANMAR	27.10.2016 27.01.2017						✓	
soilmec	24.01.2017 28.01.2017						✓	
WINDMÖLLER & HÖLSCHER	05.12.2016 06.12.2016				✓		✓	

Valued Campus Recruiters @ Year 2017

Valued IT recruiters of AOT	Date of Interview	CSE	ECE	EIE	EE	IT	ME	MCA
Aimil Ltd. Instrumentation & Technologies	09.02.2017							✓
amazon	20.04.2017	✓	✓	✓	✓	✓	✓	✓
APAR TECHNOLOGIES	07.01.2017	✓	✓	✓	✓	✓	✓	✓
Capgemini CONSULTING.TECHNOLOGY.OUTSOURCING	01.10.2016 02.10.2016	✓	✓	✓	✓	✓	✓	
ChikPea™	12.11.2016	✓				✓		
Cognizant	04.01.2017 05.01.2017	✓	✓	✓	✓	✓		
ejobindia ISO 9001:2008	25.11.2016							✓
SSPL Simple, Effective IT Solutions	20.01.2017 22.01.2017	✓	✓	✓		✓		
FusionCharts	08.08.2016 11.08.2016 12.08.2016	✓	✓			✓		✓
Hitachi Consulting We make it happen. Better.	04.10.2016 27.10.2016	✓	✓			✓		

Valued IT recruiters of AOT	Date of Interview	CSE	ECE	EIE	EE	IT	ME	MCA
IBM	21.10.2016 22.10.2016	✓	✓	✓	✓	✓		✓
ibs inventing future	16.09.2016 03.10.2016	✓	✓			✓	✓	
innofied	26.11.2016	✓				✓		✓
INTERRA Information Technologies	25.01.2017							✓
ITC INFOTECH	13.09.2016 14.09.2016	✓	✓			✓		
KOVAIR	02.12.2016 20.12.2016	✓	✓			✓		
Kreeti Technologies Pvt. Ltd.	29.08.2016 19.11.2016	✓	✓	✓	✓	✓	✓	✓
Mindteck	18.02.2017	✓	✓			✓		
Mindtree Welcome to possible	07.09.2016 25.09.2016	✓	✓	✓		✓		
ogma conceptions conceptualize your ideas	27.12.2016							✓

Valued Campus Recruiters @ Year 2017

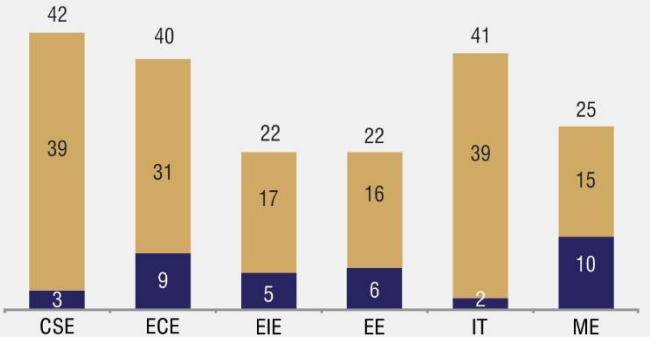
Valued IT recruiters of AOT	Date of Interview	CSE	ECE	EIE	EE	IT	ME	MCA
ORACLE	21.09.2016 22.09.2016	✓				✓		
PERSISTENT	12.05.2016 31.07.2016	✓				✓		
Prolifics Global Technology Solutions Provider	14.03.2017 15.03.2017	✓	✓		✓	✓		✓
R SYSTEMS	22.11.2016 20.02.2017	✓				✓		
SAP	10.09.2016 23.09.2016 24.09.2016	✓	✓			✓		
Tangent Tech Solutions	23.01.2017							✓
TATA TATA CONSULTANCY SERVICES	24.09.2016	✓	✓	✓	✓	✓	✓	✓

Valued IT recruiters of AOT	Date of Interview	CSE	ECE	EIE	EE	IT	ME	MCA
Tech Mahindra	16.10.2016	✓	✓	✓	✓	✓	✓	✓
ThoughtWorks	16.09.2016 17.09.2016	✓				✓		
TRIANZ When Execution Matters	24.10.2016	✓	✓	✓	✓	✓	✓	
VEDA Learn. Explore. Excel.	25.02.2017	✓	✓		✓	✓		
WEBTEK LABS	18.11.2016							✓
XENTO	23.11.2016 24.11.2016	✓				✓		✓
ZenSar TECHNOLOGIES	11.11.2016 12.11.2016 13.11.2016	✓				✓		✓
ZYCUS PROCURE PERFORMANCE	15.12.2016 19.12.2016	✓	✓	✓	✓	✓	✓	✓

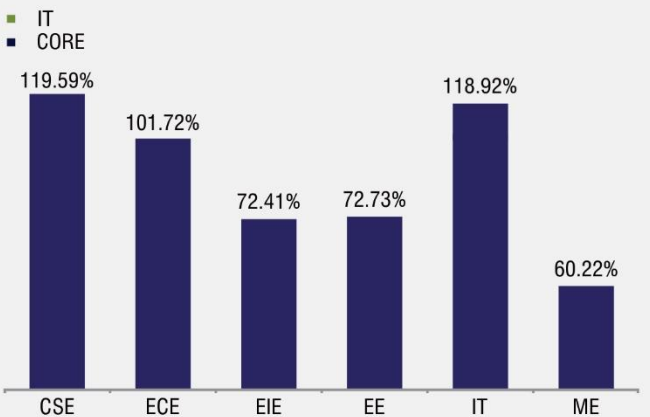
Valued Recruiters @ Year 2016

accenture, Aimil Ltd., Alumnus Software Ltd., amazon, amdocs, AIS (Asahi India Glass Ltd.)
AXALT, broadsoft, Capgemini, CBS Technologies Pvt. Ltd., Cognizant, Control Print
Diebold, embee (Making IT Easier), Ericsson, FXL, FourLoops, FusionCharts
GE, Godrej, Grind Master, HCL, Hitachi Consulting (We make it happen. Better.), ibs
iGATE (iTOPS for Business Outcomes), Innofied, Interra Information Technologies, Cem, Johnson Controls, Josh Tech
Kovair, KPIT, Mphasis (Unleash the Next), Mindteck, Mindtree (Welcome to possible), Mu Sigma
MyTasker, NIIT technologies, Oracle, Persistent, Prolifics (Global Technology Solutions Provider), Polycab (Wires & Cables)
R Systems, SAP, Sonodyne, TATA (TATA Consultancy Services), Tech Mahindra, TEKsystems (Global Services)
Telerad India, The Grey Parrots, Sanmar (The Sanmar Group), Think & Learn, Tirumala, The Linde Group
To The New Digital, Trianz, Triveni Turbines, ValueLabs (Where Value and Innovation Co-exist), Wipro (Applying Thought), Yodlee

B.Tech Placement @ Year 2016



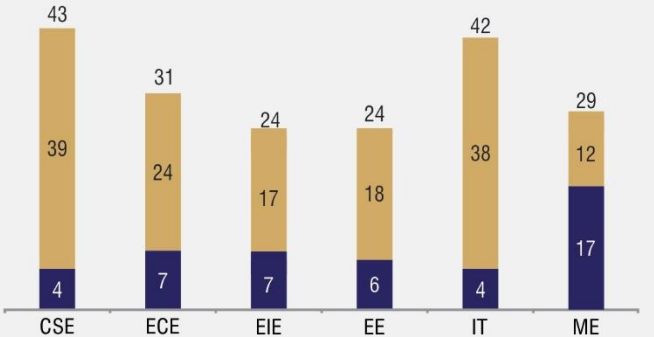
Campus Interview Opportunities



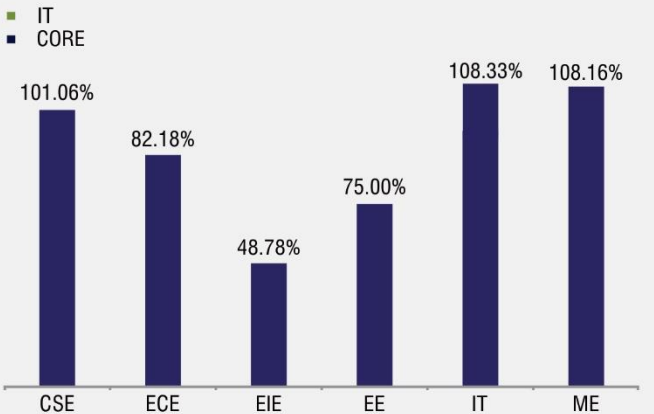
% of Placement for eligible students

Valued Recruiters @ Year 2015

B.Tech Placement @ Year 2015



Campus Interview Opportunities



% of Placement for eligible students

ACADEMY OF TECHNOLOGY

AICTE approved engineering college affiliated to MAKAUT, WB

(Formerly known as WBUT)

Campus: G.T. Road, Adisaptagram, P.O.: Aedconagar, Hooghly-712121, W.B., India

City Office: CA-150, Salt Lake, Sector-I, Kolkata-700064

Admission Enquiry: +91 9836197157 / 83348 62299 / 83348 72299

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