



# Placements Brochure



## About us ...



Aurora's Technological & Research Institute, formerly known as Karshak Engineering College, is one of the premier Engineering Colleges under the umbrella of the Aurora group of institutions. The institute is located at Parvathapur, Uppal, Hyderabad. ATRI is approved by AICTE and is affiliated to Jawaharlal Nehru Technological University, Hyderabad.

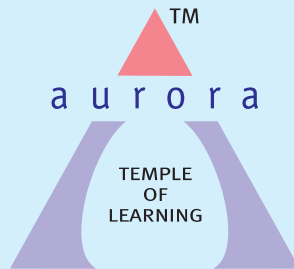
The engineering programmes offered by ATRI are accredited by the National Board of Accreditation (NBA).

Coming together is beginning  
Keeping together is progress  
Working together is success

## The Aurora Group ...

Aurora imparts man-making education which is firmly rooted in India's rich traditional values with out focus clearly on modern science and technology. It is Aurora's conviction that professional education cannot be imparted in isolation, hence has created an interactive learning environment wherein students gain hands-on experience of various tools, techniques, methods, systems and processes through project internships, company / industry studies, industrial and educational tours, workshops, seminars and part-time assignments. Aurora is the only group in the state that has the distinction of establishing all their engineering institutions in exclusive, sprawling, owned campus. The following are the list of educational institution under the Aurora Group.

- Aurora's Engineering College, Bhongir, Nalgonda Dist.
- Aurora's Technological & Research Institute, Uppal, Hyderabad.
- Aurora's Scientific Technological & Research Academy, Bandlaguda, Hyderabad.
- Aurora's Scientific & Technological Institute, Ghatkesar, Ranga Reddy Dist.
- Aurora's Technological Institute, Gagillapur.
- Aurora's Seethaiah College of Engineering, Patencheru.
- Aurora's Research & Technological Institute, Hanamkonda, Warangal Dist.
- Aurora's Technological & Management Academy, Uppal, Hyderabad.
- Aurora's Business School, Panjagutta, Hyderabad
- Aurora's Post Graduate College, Ramanthapur, Hyderabad.
- Aurora's Post Graduate College, Moosarambagh, Hyderabad.
- Aurora's Post Graduate College, Uppal, Hyderabad.
- Aurora's Law College, Bhongir, Nalgoda Dist.
- Aurora's School of Education, Bhongir, Nalgonda Dist.
- Aurora's Degree & PG college, Chikkadpally, Hyderabad.
- Aurora's Junior College, Chikkadpally, Hyderabad.



### **Vision**

To be a center of higher learning that can provide the best learning experience in engineering education and to be recognized as one of the best engineering colleges in India.

### **Mission**

To provide excellent education in Engineering and Technology  
To create environment for quality research and dissemination of knowledge  
To develop entrepreneurship and managerial abilities through world-class engineering and management education

## Secretary Message...

Being a part of the Aurora group, Aurora's Technological and Research Institute, is emerging as one of the top teaching and research institutions in the state of Andhra Pradesh. The state and the nation witnessed the achievements of the academy symbolizing the quality standards. Teaching and learning at this institution involves a combination of theoretical aspects with hands on experience in laboratories, emphasizing team work and communication skills. To accomplish successful training, we have a team of eminent faculty with in-depth knowledge and experience. Our faculty is dedicated to quality teaching, research and also help the students in their learning process. The institution affirms that its sole purpose is to develop high quality technical personal with a sound footing on basic engineering principles, technical skills, and exemplary professional conduct to lead and to use technology for the progress of mankind, adapting themselves to changing technological environment with the highest ethical values as the inner strength. The aim of the institute has always been to provide an adequately skilled manpower having the appropriate knowledge, skills and attitude for industry, research and the public sector. Engineering is the key driver of human development. I beckon all current and prospective students to become responsible engineers and make their parents, institution and the nation proud.

God bless you!!!

**Dr. Ramesh B Nimmatoori**

## Chairman Message...

It is my pleasure to introduce you to the Aurora family!  
Teaching and learning here extend beyond the classrooms and laboratories. Our faculty is known for their academic achievements and enthusiasm for teaching. The academy is committed to create an ambience for nurturing innovation, creativity and excellence in our students. Our focus is on quality education while continuously building our quality. I wish that each and every student graduating from Aurora's Technological and Research Institute will leave their indelible mark of success in whichever sphere of life they chose to work and hope that their knowledge would be for the benefit of humanity.

**Raja Babu Nimmatoori**

## Director's Message...

By virtue of its nature, an engineering course equips the students with several highly desirable qualities and skills which make them employable. However, in the contemporary highly competitive scenario, specialized training in emerging technologies of all the major engineering disciplines based on the needs of the industry has become an essential co-curricular activity. Apart from this, students should be equipped with the requisite soft skills and interpersonal skills. Ultimate goal of the time is to inculcate an attitude of professionalism in the students and infuse in them a desire to learn further.

ATRI is committed to developing students in to a well-rounded professional by providing avenues for co-curricular and extra-curricular activities and career counselling. The aim of the institution is to encourage curious and ambitious young minds by bringing them face-to-face with teaching and practical training of very high standards. This brochure gives a quick round-up of ATRI with its student abilities. We wholeheartedly welcome the companies looking for extraordinarily talented young professionals to visit our campus for a sustained relationship with respect to placements.

### Y. Govind Ramaiah

## Placements Director Message...

Placement season is always an exciting period. Ambition of majority of the students is to get a decent job immediately after completing the studies. Responsibility of the Educational Institutions in general and the professional colleges in particular is to impart knowledge both theoretical and practical, make the student understand broad perspectives of respective field of study, with an ultimate aim of making the outgoing students readily employable. In the yesteryears, professional competency was good enough to get a job but presently what is most needed is a well rounded personality covering academic competency, application of concepts, ability to express clearly, good attitude and leadership qualities. Using technology as tool is yet another essential competency required. Every student who is aspiring for a great job, must know clearly that the prerequisite to grab a decent job is to become competent. Knowledge, Will, Skill and Zeal are the essentials.

What matters is Focus and Determination to get a Job. Eat, Drink and Breath, placement from Day one of your Final year. Students of Aurora colleges are fully aware of the importance of large, medium and small companies in the larger picture of industry and so also core, IT and service sectors. With this kind of preparation at Aurora, corporates will find our students exacting or exceeding the industry needs. We invite companies from all sectors to visit our campus to scout for the best of freshers.

Wishing you all the best.

### B. Seetharamaiah



Being a student of ATRI has helped me in more than one way to add valuable assets such as knowledge, confidence and plenty others to my character. Apart from imparting quality technical education it has provided me with numerous opportunities to explore my talents in various extracurricular areas. By participating in various events in college and helping organize them I have learnt to be both a good team member as well as leader. Finally ATRI provided us good placement training which helped me face interviews better. Adequate number of on-campus placement drives as well as sufficient information about off-campus drives and encouragement to attend them, along with valuable guidance helped many students secure a job before passing out of college. I am grateful to all the teaching and non-teaching staff of my college for making these four years a learning experience and helping me get ready to face the corporate world.

**Sneha Saxena**  
2006-2010 Batch  
Birla Soft

Overall development of any college student is possible only when the college introduces co-curricular & extra-curricular activities put together with the academic curriculum. Added to this, when the faculty takes personal interest to bring about a passion in the students' mind to achieve desired goals. I am happy to place on record that I was immensely benefited by the exposure I gained at ATRI which helped me to develop into a multi-faceted personality to understand things in the right perspective. The Student Council, the chapters of IETE and IEEE activities along with the events like technical fest, cultural fest etc., helped me explore my leadership qualities. I was able to see a tangible improvement in myself year after year. I thank my college and all my Gurus because of whom, I am what I am today. All these things helped me gain confidence, develop communication skills and decision making skills. This streamlining effect as a permanent feature in my personality helped me in getting placed in BIRLASOFT. Perfect planning + Hardwork + Encouragement+Application of thought is my definition of Success. This should be the mantra of any student, to succeed in his/her academic career. All the very best to the STUDENT COMMUNITY!!!!

**Sri Divya**  
2006-2010 Batch  
Birla Soft

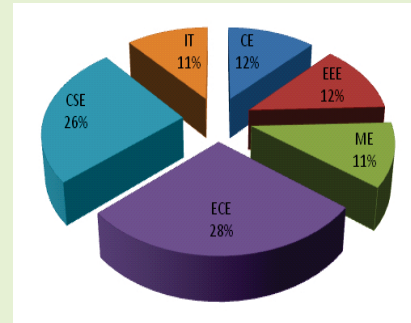
# Programmes....

## UG COURSES

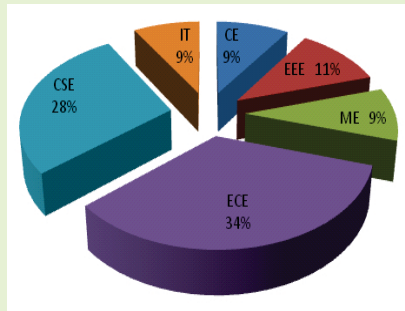
B.Tech In

- Computer Science and Engineering (CSE)
- Electronics and Communication Engineering (ECE)
- Mechanical Engineering (ME)
- Electrical and Electronics Engineering (EEE)
- Information Technology (IT)
- Civil Engineering (CE)

Department - wise 4th Year B.Tech Students Strength



Department - wise 3rd Year B.Tech Students Strength



## PG COURSES

M.Tech In

- Structural Engineering (STRC)
- Power Systems Control and Automation Engineering (PSCA)
- Machine Design (MD)
- Computer Science and Engineering (CSE)
- Embedded Systems (ES)
- Software Engineering (SE)
- Web Technologies (WT)
- Advanced Manufacturing Systems(AMS)





## DEPARTMENTS





## DEPARTMENT OF Computer Science And Engineering

The Department of CSE is in existence right from the inception of the college in 1999. The department offer both B.Tech and M.Tech courses.

### LABORATORIES

Computer Programming Lab, Data Base Management System Lab, Unified Modeling Language Lab, Computer Networks and Operating Systems Lab, Web Technology and Compiler Design Lab, Information Technology Workshop Lab, Object oriented programming through C++ Lab, Advance Data structures Lab, Language processor and Data mining lab.

The department of ECE was started in 1999 . The department offers both B.Tech and M.Tech courses.

### LABORATORIES

Microwave And Optical Communications Lab, Digital Signal Processing Lab, Analog Communications Lab, Integrated Circuits Applications Lab, Electronic Devices And Circuits Lab, Basic Simulation Lab.

## DEPARTMENT OF Electronics and Communication Engineering



## DEPARTMENT OF Information Technology

The Department of IT was commenced in 1999. The department offers B.Tech and M.Tech courses.

### LABORATORIES

Computer Programming Lab , Data Base Management System Lab, Unix Programming lab, Web Technologies lab, Unified Modeling Language Lab, Information Technology Workshop Lab, Advance Data structures Lab, Object oriented programming through C++ Lab, Computer Networks and Operating Systems Lab, Data Mining Lab.

The Department of Mechanical Engineering was established in 2010. The Department offers both B.Tech and M.Tech courses

### LABORATORIES

Engineering Drawing Lab, Engineering Workshop, Fluid Mechanics & Hydraulic Machines, Production Technology Lab, Metrology Lab, Heat and Mass Transfer Lab.

## DEPARTMENT OF Mechanical Engineering





## DEPARTMENT OF Civil Engineering

The Department of Civil Engineering, established in 2010 has a strong base of infrastructure, supported by well qualified, experienced and dedicated faculty members. The department has well equipped laboratories with all necessary machines and offers both UG and PG courses.

### LABORATORIES

Geotechnical Engineering, Fluid Mechanics, Strength of Material Lab, Geology Lab, Surveying Lab, Concrete Technology Lab.

The department was established in 2003. The department offers both UG and PG courses.

### LABORATORIES

Electrical Electronics Engineering Lab, Electrical Circuits & Simulation Lab, Electrical Measurements, Electrical Machines, Power Electronics & Simulation Lab, Control Systems & Simulation Lab.

## DEPARTMENT OF Electrical and Electronics Engineering



## DEPARTMENT OF Humanities and Applied Sciences

The department of Humanities and Applied Sciences (H & AS) comprises the disciplines of English, Mathematics, Physics and Chemistry.

The department has strong base of infrastructure, supported by well qualified faculty, experienced and dedicated faculty members.

A blend of experience and enthusiasm, the department plays an instrumental role in moulding students from the 1 year itself.

The department consists of English Language Communication Skills Lab, Advanced Communication Skills Lab, Engineering Physics Lab and Engineering Chemistry Lab.



## Life @ ATRI

## STUDENT CLUBS

The ATRI ethos believes that true education can be accomplished not through imposition but through aspiration. Nothing can accomplish this better than club activities that are 'by the students, of the students and for the students'.

### Robotics Club

The purpose of this club is to bring together all facets of engineering and probe in the field of Robotics. Robotics Club strives to stimulate interest in robotics among the students of the institute and to spread knowledge on Robotics and its diverse applications.

### Literary Club

Literature Club is made of students who are interested in reading and are talented in writing. They present reviews of books that may invoke interest among other students as well as recommend good books to be procured by the college library. The activities of this club also involve the creation of written materials in various forms such as short stories, serial stories, poetry, essays, articles, etc. It tries to invoke interest in writing among other students by holding competitions and by displaying work produced by the students. This club also devise ways and means by which the reading habit can be improved among the students.

### Rotract Club

The purpose of this club is to provide an opportunity for young men and women to enhance the knowledge and skills that assists them in personal development, to address the physical and social needs of their communities, and to promote better relations between all people worldwide through a framework of friendship and service. Rotract Club of our college joined hands with Vasani Eye Care and conducted Free Eye Screening Check up at College.

### Red Ribbon Club

The Red Ribbon Club, a unit of NSS was launched in the Aided Stream. Two programmes on AIDS awareness were organized in the college. A rally creating awareness on HIV/AIDS and on the importance of blood donation is conducted. An interactive session on personal hygiene and reproductive health was also conducted in the College.



### Math Club

For Math Lovers in the Institute. The Math Club is an organization that acts as a gathering place for students interested in mathematics. Anyone with an interest in mathematics, regardless of major or minor is encouraged to join.

### Sports Club

The Sport Club Program is designed to provide opportunities for students with similar interests to participate in various sports or recreational activities. This club is organized by students and is student run with assistance from the Director of Competitive Sports.

### Yoga Club

Yoga Club Conducts spiritual discourses for practicing meditation, Pranayama, relaxation technique to improve memory power and concentration. Yoga Club will provide an awareness of yogic principles and promote knowledge and practice of Vedic philosophy, health, and science. Students are able to adopt a positive thinking and healthy lifestyle by attending the seminars of Yoga club and try to encourage them to take a more balanced approach to life and will try to create opportunities for students to consider philosophical ideas.

### Dance club

Dance club seeks to foster a sense of community among the various dance and movement groups on campus, encouraging open exchange, communication, and collaboration. Dance club supports students' dance interests, in part by being the only monetary resource on campus for small, individual dance projects.

### Painting Club

Painting Club aims at encouraging and enhancing art, discovering new talents and sowing the seed of artistic zest among students. We, being one of the most active clubs in college, nurture the buds of art among non-members as well as members and provide an appropriate platform to showcase them by organizing many interesting events like Rangoli Competition and Mehendi Competition, Sans Brush event, kite making event, face painting, logo making, T-shirt Painting and many more. The main motive of the club activities will be bringing happiness in the college campus and also come up with such events so that everyone can participate. One need not be very good in arts but he can come and explore the fun of colours. We also intend to teach people more about arts and encourage people who have their interest in sketching, painting or other art forms like craft work etc, by organizing workshops.

### Music Club

This club provides a platform to students for exchange of musical ideas, appreciation of music and to encourage musical development. To foster and appreciation of all performance styles of music, while providing an atmosphere for discussion, knowledge, and collaboration among musicians. The club was formed to enhance the musical talents in students by giving guidance and coaching.

### Nature Club

This Club seeks to create awareness on environmental issues through its activities. Students are encouraged to take membership in the Nature Club. They are provided opportunities to study and admire the environment and thereby understand the need to conserve nature's bounty. The club functions as an agency to solve local environmental problems by coordinating with Governmental and Non-Governmental Organizations. It encourages students to appreciate nature and work towards preserving it. The various activities of the club include nature camps, bird watching expedition's photography / poster competitions within the campus.

## Unique Practices

### STUDENT COUNSELING

A teacher and a friend ....

We care for the students' well-being, both their personal and academic concerns are addressed under the 'Teacher-guardian' scheme. Support is also offered to the slow learners. The innovative concept of the learning group helps students in completing the various academic tasks. Thus the teaching-learning processes and the cohesive work culture complement each other.

### STUDENT COUNCIL

Responsibility is power ....

The students are encouraged to participate actively in the Management of the Institute. The Student council aims at a better rapport between students and the college administration. It also provides a platform for the students to discover and hone their managerial skills.

### HAND BOOK

An innovative endeavour of 'Aurora's', the Student Handbook is designed to provide students with a detailed account of the academic curriculum, administrative regulations, evaluation procedures and the detailed academic schedule. The study plans give an idea about the scope and the optimum time requirement for thorough preparation of the subject. It helps students to organize study schedules around the various activities planned throughout the year. This user-friendly book guides the student through the teaching learning processes of the institute.



### UNIFORM

Introduction of uniforms is yet another dynamic initiative taken up by the Institute. It spells discipline and inculcates a sense of accountability. Our students in regular denim blue jeans, white full-sleeves shirt, white sport shoes and with a hanging ID card reflect the eurythmic harmony of the institute.

### TARANG - The College Newsletter

Apart from providing a platform for students to express their creative potential, it encapsulates the various activities of the institute.

### ALUMNI

Once an Atrian ... always an Atrian Meetings with former Atrians are conducted regularly. The students play an active role in conducting workshops, projects, placement activities and motivational programmes for their juniors. They also share the social commitment of the Institute by participating in the various programmes.

### SOCIAL COMMITMENT

Bringing smiles ....

Students and staff participate in programs of social importance by organizing Blood Donation Camps, AIDS and Health Awareness camps, adoption of Parvathapur village school and conducting computer literacy classes for school children through a very active NSS cell.

### EXTRA-CURRICULAR ACTIVITIES/SPORTS

The Sporting Spirit .....

To ensure all-round development of the student, the institute organizes various cultural, sports and literary activities. Prizes are awarded on the college Annual Day.



### ASK-ME ...

ATRI's Ask-Me concept reinforces the maxim 'to strive, to seek, to find but never to yield'. This activity is aimed at not letting any question go unanswered, be it a student or a staff member; everyone is welcome to drop in a question or answer a query related in the 'Ask-Me' box. The questions and answers are displayed on the 'Ask-Me' and 'Know-It' display boards

### FESTIVALS, FUNCTIONS, CELEBRATIONS

The institute celebrates important national festivals like Independence Day and Republic Day; and religious festivals like Ganesh Chaturthi, Vasant Panchami etc.

### FUN-DAY

Unfolding the wings of creativity....

We, at ATRI strongly believe in channelizing the creative energies of the students in addition to their academic excellence. The Fun-Day which is organized every month brings together the faculty and the students to enjoy sports, cultural activities, technical discussion forums and the like.

## Contents Beyond Syllabus



### Library

Our library is truly a learning center with reading space for more than 150 students at a time. The library stocks textbooks, reference books, journals, magazines, newspapers and an archive of editorial clippings on interesting subjects.

The library subscribes to a number of national and international journals and has a very large collection of reference books on advanced disciplines that are aimed at developing students beyond their normal curriculum. In all, the college library has more than 27,000 volumes and around 4500 titles covering various advanced disciplines pertaining to the subjects offered by the college.

### Adjunct Courses

The Adjunct Courses offered give the students an opportunity to enhance their skills and add to their knowledge base without having to seek training off-campus.

### Student Seminar

Seminars, which involve learning groups, provide an opportunity for active discussions on relevant topics. They help develop transferable skills such as communication and teamwork, and offer a platform to participate fully in the learning process.

### Guest Lectures

To ensure overall development of our students, guest lectures on state-of-the-art topics are organized. Eminent guest faculty are invited from the industry/academics.

### Research & Development

R & D is a major area of thrust at ATRI, with focus on consultancy services and software development. Majority of the faculty are doctorates and have good research publications in reputed International Journals.

### Industry-Institute Interaction

Visit to local industries are organized to provide practical exposure to the students. A number of MoU's have been signed with various electronic and software Industries for setting up of labs and for Consultancy, Training and Placements,

Communication Skills / Personality Development / Placement Training

The Institute has taken the initiative of developing a Communication and Soft Skills course for II, III and IV year students. Intensive training is imparted in the areas of group discussions, interview techniques, verbal ability, presentations, quantitative techniques etc.



### Physical Education

Physical Education is an integral part of education as it helps in developing the physical fitness and social efficiency of an individual. The objectives of physical education are organic development, neuro-muscular coordination, and emotional development. The concept of total education will be complete only when there is a proper and balanced blend of mental and physical quality activities.

The physical education department in the college provides all the required coaching facilities, external assistance and all other requirements to our students in their games and sports activities. The Institute has good facilities for indoor games like table tennis, carroms and chess.

Inter Class Tournaments in various games and sports are conducted for all students. Prize winners are given prizes on the college Annual Day Function.

## Training and Placement Cell

Training and Placement Cell organizes sustained training programmes for the pre-final year students towards preparing them for campus recruitment programmes. Placement Cell is always eager to lend their support and advice to students at the Institute, in order to help them to make up their minds regarding their future chosen profession.

The functional responsibilities of Training & Placement Cell are Arranging Seminars and Technical Talks, Skills Development Session and Programmes, Industrial Visits, Industrial Training, Preparing Mock Interviews and Recruitment and Placement Sessions. We have sufficient infrastructure facilities like Conference Room and Seminar Hall equipped with projectors, Desktop Systems to ensure that students get maximum benefit, students have been involved in the day to day functioning of the cell.

All efforts are being taken to develop good "Industry - Institute" relations. To provide efficient manpower to the industries, students are motivated and facilities provided to them to develop soft and technical skills as per industry requirements.

The Training and Placement cell of ATRI, Hyderabad, headed by a senior faculty member, manages placement and training activities and keeps liaison with various industrial groups and research organizations. The department works in close co-ordination with a student placement committee comprising students chosen from various departments.

### Pre-Placement Talks

The recruiting organizations visiting the institute carry out pre-placement talks which are presentations organized by the company itself before the students. These talks allow students to learn more about the companies. Audio-Visual rooms and auditoriums are well equipped for the PPT with proper arrangement of microphone and sound system. The students can also learn about the opportunities for growth, advancement and learning that your company offers. In addition to this the students can also have a first-hand impression of the company before taking an informed decision to apply for placement. The PPT can take place on any mutually convenient day. If the company wishes to display some promotional material, then the final form of the material can be sent to the Training & Placement office which will arrange for its display.

### Hospitality

ATRI is well known for its hospitality for more than a decade and we strive hard to maintain the tradition. Transportation arrangement, with high speed internet facilities are provided in the Institute for the recruiters.



### Internships / Training

Projects/internships are an integral part of the academic curriculum at ATRI. Over the years, many students have taken up projects on various areas of engineering with different organizations. This provided the students involved a basic understanding of the company's operations. It also create awareness about your company's profile among students and the faculty.

## Why recruit ATRI

### A Culture Worth Preserving

It goes with the saying that as long as there is a spirit within, there is a world waiting to be explored. It has been 15 years since the establishment of ATRI, and it is the spirit of this institute that has remained intact, which ATRI ians imbibe and carry forward wherever they go. The hallmark of this spirit has been not to walk on the path already taken but to establish new routes, to take the less trodden path and be the first to respond to the needs of the people and the nation.

### An Institute of Excellence

The constant endeavour to achieve excellence in all fields is one of the prime virtues that sets this institute apart. Since its very foundation, the institute has set many benchmarks in the field of research. The pursuit of quality has become an ever-ending journey.

### Survival of The Fittest

Of the many students who take the Engineering and Medical Common Entrance Test (EAMCET), very few make it to ATRI. This highly rigorous procedure ensures that only the best of the lot make it to this institute.



### Awards & Accolades

The excellence of ATRI, has been time and again recognized by various reputed agencies. It stands one amongst a number of reputed technical institutes from all over India.

### An Institution, Not A College

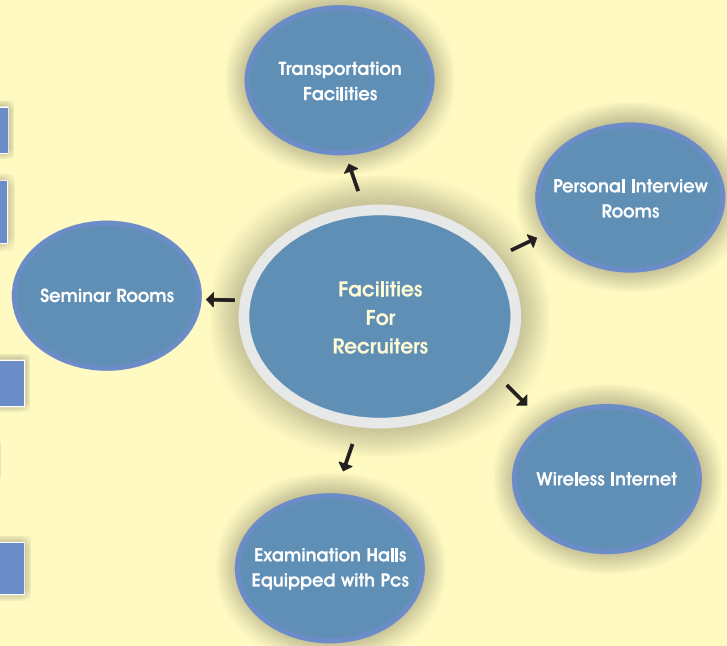
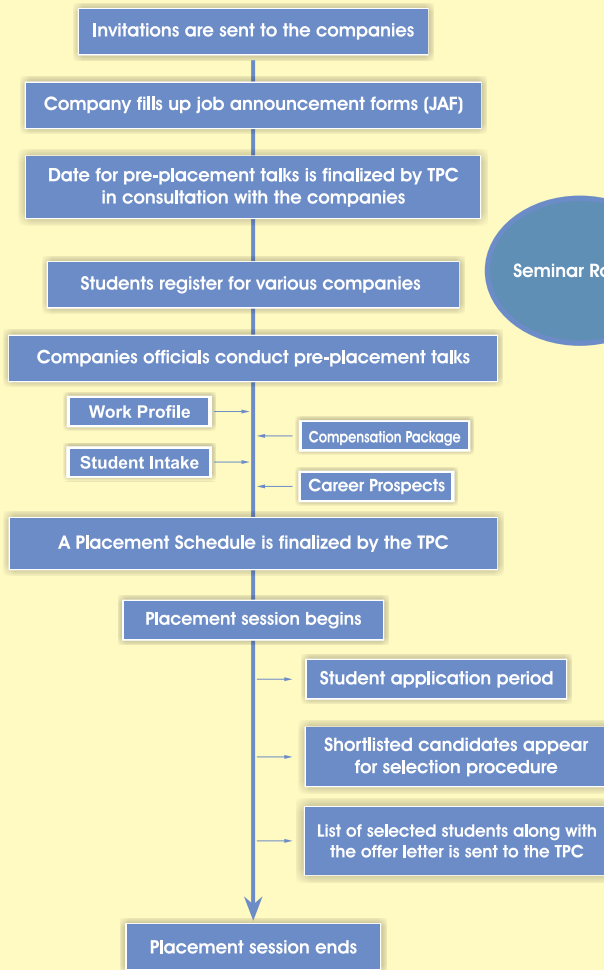
ATRI distinguishes itself not as a college of engineering but as an institution. This institute is here to serve a larger purpose where getting a degree is not the primary focus. The idea of creating better technologists, better leaders and importantly better citizens suffuses through the teaching pedagogy of the curriculum.

### Effective TLP

ATRI offers a plethora of choices to its students in the field of engineering and sciences. The different department activities as part and beyond the curriculum are designed to meet the current requirements of the industry and the academia. The curriculum encourages students to apply theoretical learning to real-life scenarios in the form of case studies, research, events and live projects. The key principle behind all of the activities taken up by the students is aimed at their holistic development to build a better individual and a better personality as a whole and not merely a good engineer.



## Recruitment Process



All Correspondence regarding placement may be addressed to:

**Mr. G. Bala Krishna**

Associate Professor  
Department of Information Technology  
Training and Placement Officer,  
Mobile: 8466996709  
E-mail: [placements@atri.edu.in](mailto:placements@atri.edu.in)

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