

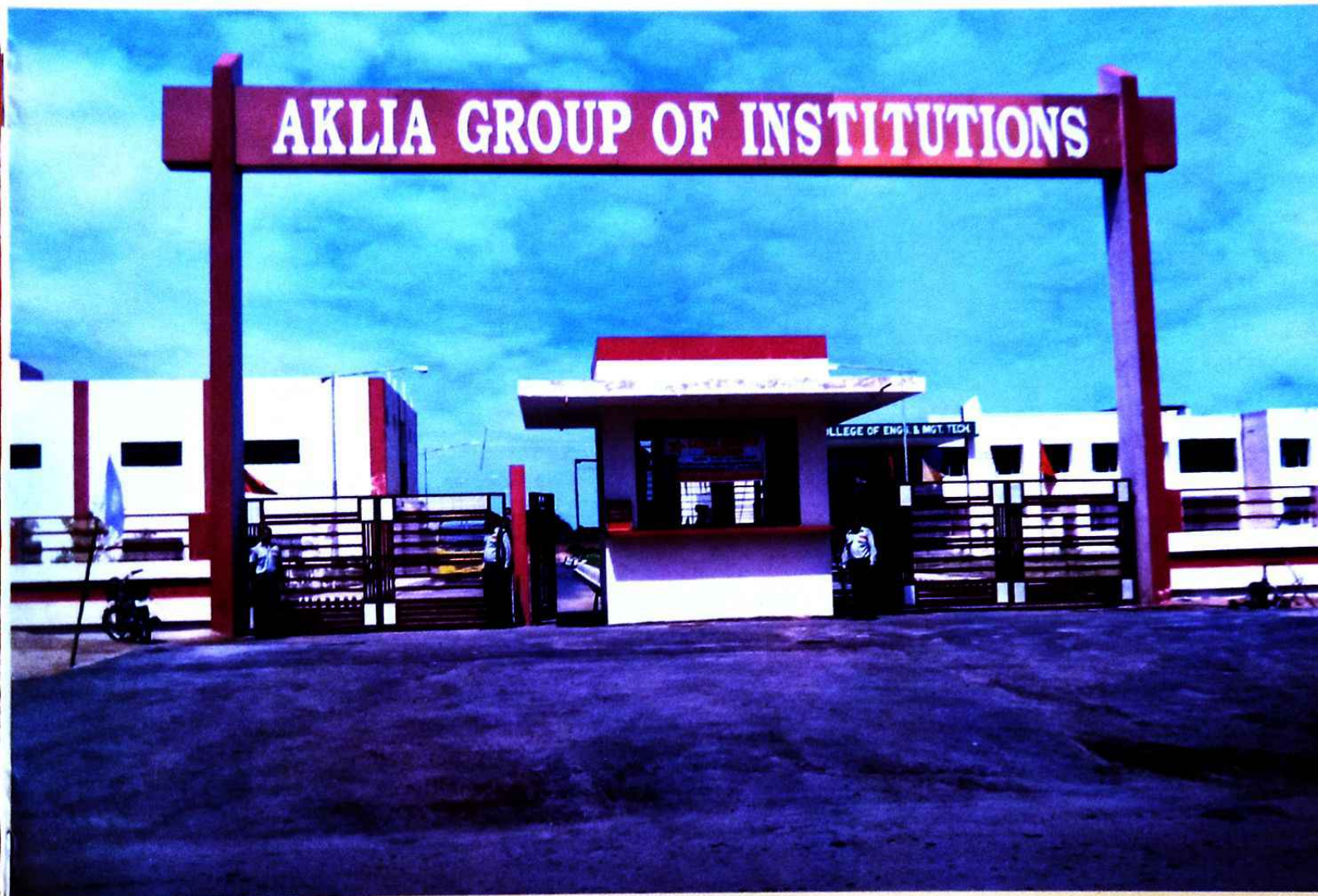


# AKLIA EDUCATIONAL AND RESEARCH SOCIETY GROUP OF INSTITUTIONS

(APPROVED BY AICTE NEW DELHI & GOVT. OF PUNJAB, AFFILIATED TO PTU JALANDHAR)

318

## *Prospectus*

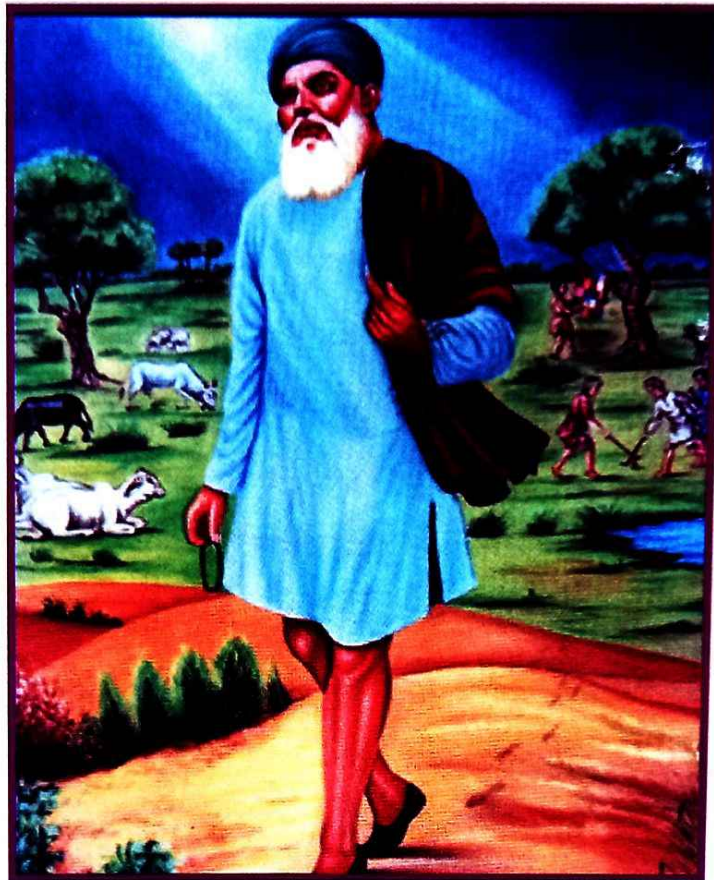


**2 Km. From Goniana Mandi towards Jaitu, Bathinda (Pb.)**

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## ਕਾਲਜ ਧੁਨੀ

ਬੇੜਾ ਬੰਧਿ ਨ ਸਕਿਓ ਬੰਧਨ ਕੀ ਵੇਲਾ ॥  
 ਭਰਿ ਸਰਵਰੁ ਜਥ ਉਛਲੈ ਤਬ ਤਰਣੁ ਦੁਹੇਲਾ ॥  
 ਹਥੁ ਨ ਲਾਇ ਕੁਸੰਭੜੇ ਜਲਿ ਜਾਸੀ ਢੋਲਾ ॥ ਰਹਾਉ ॥  
 ਇਕ ਆਪੀਨੈ ਪਤਲੀ ਸਹ ਕੇਰੇ ਬੋਲਾ ॥  
 ਦੁਧਾ ਥਣੀ ਨਾ ਆਵਈ ਫਿਰਿ ਹੋਇ ਨ ਮੇਲਾ ॥  
 ਕਹੈ ਫਰੀਦੁ ਸਹੇਲੀਹੋ ਸਹੁ ਅਲਾਏਸੀ ॥  
 ਹੰਸ ਚਲਸੀ ਡੁੰਮਣਾ ਅਹਿ ਤਨੁ ਢੇਰੀ ਥੀਸੀ ॥

(ਸ਼ੇਖ ਫਰੀਦ-ਸੂਹੀ ਲਲਿਤ)

## Message

Respected Parents & Dear Students



Welcome to the Aklia Educational and research society group of institutions. Looking back at the achievements of past five years I feel proud to be the part of Aklia Group of Institutions located in small and supportive community that has high expectations from this distinguished and distinctive institution.

Our mission is to provide a solid foundation for life long learning upon which students can achieve maximum potential. The vision and foresight of the founders of this institute is on preservation of our culture heritage and growing healthy, positive learning environment.

Aklia institute is strongly aligned to an educational paradigm that focuses on empowering students with appropriate life skills and a sound knowledge domain bearing particular relevance in the context of a globalized world.

Our standardized scores are above all the colleges. a major strength of aklia College is its young, dynamic staff bringing new educational approaches to the programme we consider both progressive and traditional.

The rigorous academic programme with array of sporting and non sporting co-curricular options coupled with a worthwhile boarding experience provides sample opportunities for students to acquire essential leadership skills and become life long learners.

I invite parents and students to be a part of the aklia institute family, sharing common ideals and aspirations as we forge through a proven challenging and enriching educational experience for our students. Therefore to inculcate positive attitude and make women self-dependant, we have whole heartedly desire to establish more educational and research institutes in future. I myself along with my respected committee members welcome all the students who entered into this prestigious institution.

A handwritten signature in black ink, appearing to read 'S. Gurtej Singh Brar'.

S. Gurtej Singh Brar  
Chairman



## *Message*

Aklia Engg. College was set up under the aegis of Aklia Educational and Research Society at Bathinda, Punjab in 2008.

Today it enjoys the status of an 'A' grade Institute with excellent infrastructure. Its qualified, young and dynamic faculty nurtures the students and helps them to imbibe advanced knowledge and skills in the fields of engineering, technology and applied sciences.

Beyond the domain of academics, Aklia Engg. College organizes programmes which help the students to acquire market oriented skills and tools, thereby, enhancing their employability. Personality development programmes at the Institute prepare the students to hone their latent skills in human relationships and management.

The Institute provides excellent hostel accommodation for both boys and girls. The hostels are under the charge of wardens who not only take care of the daily needs of the students but also ensure that their wards are comfortable. In fact the wardens play the role of secondary parents and ensure that their students feel at home during their study programme.

With Aklia Engg. College having come of age, the Aklia Foundation, which is managed by hard-core professionals and philanthropists, has now defined the following objective for the Institute:

Er. Sukhwinder Singh

Director Aklia Engg. College



## INDEX

<b>S. No.</b>	<b>Subject</b>	<b>Page No.</b>
1.	Introduction	4
2.	Academic Programmes	5
3.	Main Charactertics	6-7
4.	Name of Department	8
5.	Beyond Curriculum/Discipline Commandment	9-10
6.	Discipline/General Rules & Regulations	10
7.	College Labs	11
8.	Moments of Annual Athletic Meet	12



## INTRODUCTION

The Akliya Institute, one of the premier institutes of higher education in north of India was established in 2003 under the societies Act. Realizing the requirement for high quality, standardized affordable and accessible Technical education. The Akliya Educational & Research Society Group of Institutions was established in the campus of Akliya institute. It is located on the Bathinda-Goniana-Jaito National Highway Road, 15 km. Bathinda and 2 km. from Goniana towards Jaito. The College is affiliated to the Punjab Technical University, Jalandhar & approved by all India Council of Technical Education, New Delhi.

It has magnificent complex with conference hall, library and laboratories, canteen, well spread lawns and play grounds. The College building is newly constructed and the sprawling campus is designed and beautified with the help of experts. The college is committed to excellence in learning and teaching methodology in the field of technical education. The group has promoted technical education in the areas of computer Engineering, Electronics and communication Engineering, Civil Engineering, Mechanical Engineering & Electrical Engineering.

Society:- The Akliya Educational and Research Society, established in 2003 has established the following institutions:

- Akliya Educational & Research Society Group of Institutions
- Akliya College of Education for Women
- Akliya Polytechnic College
- Akliya Senior Secondary School
- Akliya Degree College
- Akliya College of Physical Education

## VISION

Akliya Educational & Research Society Group of Institutions seeks to be the engineering college of choice in Punjab that can provide the best learning experience, most productive learning community and most creative learning environments in Engineering education and will be recognized as one of the best engineering colleges in India.

## MISSION

To improve continuously quality of technical education imparted to the students.

To contribute the growth of technical education in the State.

To promote research and development work in science and Technology

To contribute to the Socio-Economic development of the society through excellence in technical education.

To become a leader of technical education in the region.



### ACADEMIC PROGRAMMES

S. No.	Courses	Duration (in years)	Total Seats
1	Civil Engg.	04	30
2	Mechanical Engg.	04	30
3	Electrical Engg.	04	30
4	Computer Sci. Engg.	04	60
5	MBA	02	30
6	MCA	03	30

**ELIGIBILITY :** Cleared JEE (Main) & All those candidate who have passed 10+2 examination with Physics, Mathematics, Chemistry as compulsory subjects.

#### DIRECT ADMISSION IN B. TECH II<sup>nd</sup> YEAR

\* Mechanical   \* Civil   \* EE

**ELIGIBILITY :** Students passed 3 year Polytechnic Diploma Course in any branch of Engineering course can take direct admission in 3<sup>rd</sup> Ssemester.

#### MBA: (MASTER'S DEGREE IN BUSINESS ADMINISTRATION)

**ELIGIBILITY :** A candidate who has the minimum qualification of Bachelor's Degree recognized by association of Indian Universities.

#### MCA: (MASTER'S DEGREE IN COMPUTER APPLICATION)

**ELIGIBILITY :** A candidate who has minimum qualification of Bachelor's Degree recognized by association of Indian Universities.

OR

A candidate who has the minimum qualification of Bachelor's Degree in Computer Application recognized by Association of Indian Universities.

#### ONLINE ADMISSION

The admission of all courses will be made online in accordance with instructions issued by Punjab Technical University from time to time. This college offers Free Online Counseling facility to the candidates at campus.

## MAIN CHARACTERISTICS

### 1. INFRASTRUCTURE:

The institute has a well constructed aesthetic and ultra modern building with well designed class rooms. The lecture halls are specially designed to make the teaching-learning process more effective with the help of O.H.P., LCD and slide projectors. The institute also provides transport facilities, R.O. System, play ground, Canteen and recreation hall etc.



### 2. LIBRARY DEVELOPMENT:

Library resource have been enhanced up to more than 10,000 books during the said session to fulfill the requirements and genuine demand of its readers. The library users have been able to enlighten themselves by going through newly added books. At present more than 9500 text and reference books are available in the college library. Books like text books, Encyclopedia, Dictionaries, Year books in the academic year 2014-15 also have a collection in our Library. Besides 15 Journals (9 Indian 6 International) & 5 Magazines, 20 e-resources and 5 Newspapers in Hindi, Punjabi and English Languages of different interest are subscribed in the Library. The collection is managed into six sections namely- "Text Book Section, General Section, Reference Section, Periodical Section, Audio Visual Section and Digital Library Section" in interest of its readers.



### 3. COMMUNICATION SKILLS LAB

The department of Languages has a full-fledged Languages Lab. The lab has an Educational System offers a variety of functions such as Recording, Test Preparation, Intercom, Student Monitoring, Teacher/Student call, Group Conferencing etc. The main console is connected to 32 listening booths, which have been specially designed for student teacher interaction and greater concentration for language learning. Lessons and experiences are recorded on a weekly basis so that the students are exposed to a variety of listening and speaking drills.

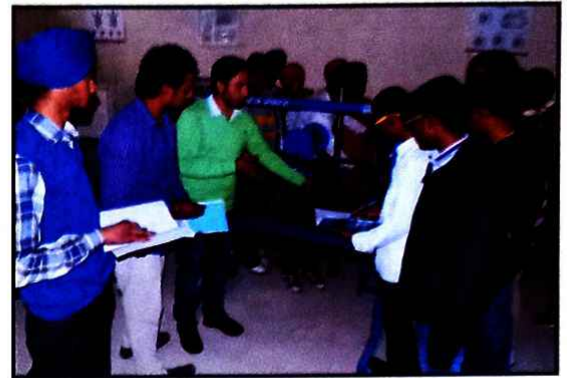






**4. SCIENCE LAB**

There is a science lab in the college and students obtain knowledge from the systematic study or the structure and behavior of the physical world, especially by observing, measuring and experimenting, and the development of theories to describe the results of these activities. Apparatus, equipments and chemicals are available in the lab for the students who are studied using scientific methods.



**5. LECTURE HALLS**

All the Lecture Halls are airy and spacious, well equipped with modern teaching aids like overhead projector, LCD multimedia aids etc. and comfortable sitting aids for reconcentrated study. Seats are designed moderately for boys and girls where they can learn in calm and peaceful atmosphere.

**6. PLACEMENT CELL**

Placement Cell is as a key entity to avail the best jobs and career opportunities to our outgoing students. The institute has a training and placement cell with the aim of achieving a target of 100% placement. Placement cell is in continues interaction with industries so that our students get the best placement. It will prepare the students for recruitment by organizing lecture, seminars presentation and by providing training through aptitude tests (both written and on-line) group discussions and mock interviews.



Carrier Guidance & Placement Cell



Our Students Selected in Various Companies

**7. TRANSPORT**

The institute has its own fleet of buses which provide facility of 'Pick and Drop' at very nominal annual charges to both the faculty members and students from sorrunding areas within 50 kms. from college campus.

**8. STUDENTS EXTRA CURRICULAR ACTIVITIES**

**9. COMPUTER LAB**

**10. INDUSTRIAL VISITS**

**11. INDUSTRIAL TRAINING**

**12. SEMINARS AND CONFERENCES**

**13. FULLY WI-FI CAMPUS**

## Department of Mechanical Engineering

Mechanical engineering, an evergreen branch of engineering, is one of the well equipped department of the college. It deals with design, structural, architectural, installation, operation, trouble shooting and maintenance of different types of machines and systems of industries like automobile, refrigeration, air conditioning, measurement etc. The faculty of this department is always keen to follow new trends and developments of mechanical machines and processes. A remarkable feature of central workshop is housed in a separate spacious shed. It has lathe, slotting and shaping machines etc. In addition, it has manufacturing science and automobile laboratories. The staff in central workshop and laboratories of the departments is well qualified and experienced to experimental set-ups, modern machines and sophisticated instruments.



### The department has established following Laboratories:

- ✦ Fluid Mechanics Lab
- ✦ Central Workshop
- ✦ CAD/CAM Lab
- ✦ Strength of Materials
- ✦ Manufacturing Practice
- ✦ Automobile Engg.
- ✦ Applied Thermodynamics Lab
- ✦ Heat and Mass Transfer Laboratory
- ✦ Refrigeration and air Conditioning Lab
- ✦ MMM Lab
- ✦ Theory of Machines

## Department of Electrical Engineering

Electrical engineering, an evergreen branch of engineering, is one of the well equipped department of the college. A remarkable feature of central workshop is housed in a separate spacious shed. It has lathe, slotting and shaping machines etc. In addition, it has manufacturing science and automobile laboratories. The staff in central workshop and laboratories of the departments is well qualified and experienced to experimental set-ups, modern machines and sophisticated instruments.



### The department has established following Laboratories:

- ✦ Electrical Machine Lab
- ✦ Power System Lab
- ✦ Power Electronics Lab
- ✦ Digital Electronics Lab
- ✦ Semi Conductor Devices Lab

## Department of Civil Engineering

Civil Engineering department provides leadership in the field by focusing on technological innovations, seeking advances in basic knowledge and taking a systems perspective. Concentrate efforts on quantitative and analytical approaches, novel experiment-based modeling and the development and/or use of appropriate tools and technology, Concrete Technology, Survey Structure Analysis, Transport Engg Lab, SOM Lab, Fluid Mechanics Lab, Geotechnical Lab, Environment Engineering Lab.

### The department has established following Laboratories:

- ✦ Concrete Lab
- ✦ Geotechnical Lab
- ✦ Survey Lab
- ✦ Transportation Lab





## BEYOND CURRICULUM

### 1. PERSONALITY DEVELOPMENT

Personality development of students is hallmark of Aklia Educational & Research Society Group of Institutions, hence special emphasis is laid on improving English Communication skills of students through regular sessions of Group discussions, Quiz competitions, Seminars etc. It also helps students to remove hesitation in facing audience, to improve delivery of speech and building confidence.

### 2. COUNSELING

Since inception the counseling service has been regular feature of this College. A group of about 10-15 students is attached to a faculty member who acts as mentor and holds regular interaction with student to their academic and other problems during their stay in the campus.

### 3. GROUP DISCUSSION

Group discussion has been an integral part of Curriculum at Aklia Educational & Research Society Group of Institutions. An Hour per week per class is specifically devoted for this purpose it helps students to improve their personal and Communication Skills which boost up their confidence level. As most of the placement companies include group Discussion as an important component in their recruitment process. It acts as prelude in preparing students for placement.

### 4. SPORTS/EXTRA CURRICULAR ACTIVITIES

Aklia College of Engineering & Management Technology believes that a "Healthy Body bears a healthy mind" and provides facilities to promote sports. Extra curricular activities are the part and parcel of our curriculum. There are plenty of entertainment and leisure opportunities. College has plenty of indoor games like tennis, carom etc. and a vast playground for all type of outdoor games.

### 5. CANTEEN

A centrally located well maintained canteen, serving hygienically prepared food.

### 6. MEDICAL FACILITIES

Medical Facility is provided by a registered physician. Each hostel is provided with necessary First Aid Facility. Multi Facility hospital in Bathinda are on the panel of the college.

## DISCIPLINE COMMANDMENT

### DRESS CODE:

All the students are supposed to wear the prescribed uniform in the college. Entry to classroom will be prohibited if they are not wearing the uniform. Critical cases will be referred to the management for disciplinary action.

### ATTENDANCE:

Minimum 75% attendance is must Exemption in attendance is allowed only under special circumstances like critical illness etc. student having attendance less than 74% would be debarred from appearing in the University exams.

### PUNCTUALITY:

All the students are supposed to be inside the class during the whole schedule of the teaching. Anybody found outside the classes without proper authorization will be penalized. The permission of respective subjects teacher/ co-ordinator of the course is necessary for any out side activity.

**SESSIONAL TEST:**

There will be Three sessional tests in each semester. Attendance in all the sessional test will carry 60% weight age in internal assessment.

**GENERAL:**

All the students are expected to maintain a very high standard of academic excellence. All support in terms of academics will be provided to each and every student in order to maintain a competitive edge over other students.

**RAGGING IS A PUNISHABLE ACT**

"Ragging in the college campus is banned and any one indulging in ragging is likely to be punished appropriately. The punishment may include expulsion from the college, suspension from the classes for a limited period or fine with a public apology. The punishments also may take the shape of (i) withholding scholarships or other benefits (ii) Suspension or expulsion from hostel or mess and the like. If the individuals committing for abetting ragging and not/cannot be identified.

**DISCIPLINE/GENERAL RULES AND REGULATIONS**

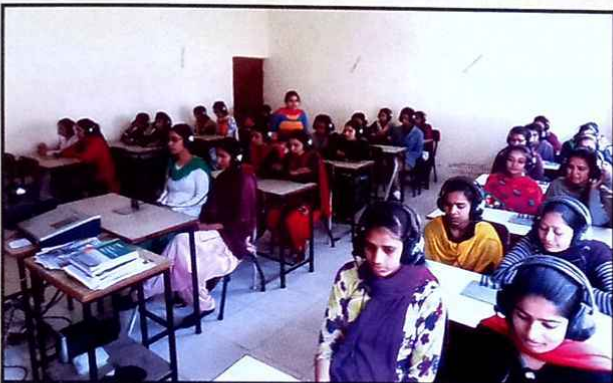
- \* In order that each student may enjoy the full benefit of the facilities placed at his/her disposal, he/she will abide by the rules and regulations made and amended by the Punjab Technical University, Jalandhar/Aklia Edu. & Research Society Group of Institutions, Bathinda for the course including attendance, examination, internal assessment, discipline, dress-code, labs/workshop, library, transport, hostel, vehicle, parking etc.
- \* He/She will pay all the fees and dues as per schedule notified by the Principal from time to time.
- \* He/She will carry identity card at all times at campus/outside and will produce the identity card on demand when asked or loss of the identity card must be reported immediately. Failure to inform about the loss of the card will be taken serious notice of. A new card will be issued on payment.
- \* He/She will not indulge in any act of indiscipline, including use of abusive language, misbehavior, disobedience or physical violence or any activity that is against the rules and regulations.
- \* He/She will observe all safety precautions. The institution is not responsible for accident of whatever nature in the Institution Hostel, workshop or laboratories.
- \* Attendance norms are strictly adhered to. Late arrival and early departure at or from a class are recorded as absence from the class for period concerned.
- \* Ragging is a criminal offence and strictly prohibited. He/She will not indulge directly or indirectly in any act of ragging on the campus, in hostel or outside the campus of the college. If indulged in ragging, the principal may take appropriate disciplinary and rusticate such student(s) and take further legal action as per law of land.
- \* He/She will be liable to pay for any damages and penalty caused by him/her to the college properly jointly or individually.
- \* He/She will not possess, use or deal in any kind of intoxicating material including alcohol, drugs of any kind, gutka, tobacco, cigarette material or anything which are barred by law i.e. drinking, smoking and use of other intoxicants are strictly prohibited in the institution. Violation will invite strict disciplinary action and even rustication.
- \* Use of Mobile phone is strictly prohibited in the college campus. Violator will be warned once and thence onward will be fined Rs. 500/- at each violation, Repeated violation may invite strict action and even expulsion from the college by Principal.
- \* No institute society shall be formed without the permission of the Principal.
- \* The fee deposited with the college will not be refunded after the last date of admission. If fee is deposited less than the fee of semester, the student will all the remaining fee of the semester. If He/She leaves the college after the last date of admission, then He/She require to get the no due Certificate. If He/She leaves the college before the last date of admission, fee will be refunded as per Punjab Technical University, Jalandhar.
- \* The Original Documents of the Students will be kept as security.



Civil Survey Work



Civil Lab.



Language Lab



Chemistry Lab



Computer Lab



Mechanical Lab



Basketball Court



Fleet of Buses

# Moments of Annual Athletic Meet



Opening Ceremony



Our Staff Members Presenting Token of Love to Chief Guest



Mr. Surjit Singh H.O.D. Phy. Edu. Govt. Rajindra College Addressing the Participants



March pass ceremony



400 Mtr. Race



View of Long Jump



Winner's of Athletic Meet



Winner's of Athletic Meet



