#### **MANDATORY DISCLOSURE 2022**

Last Updated on 2<sup>nd</sup> November 2022

## NAME OF THE NSTITUTION

#### Anjuman-I-Islam's Kalsekar Technical Campus, New Panvel

Plot No. 2 & 3, Sector-16, Near Thana Naka, Khandagaon, New PAnvel-410 206.

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χwww.aiktc.org.in

Name and address of the Trust/Society/Co mpany and the Trustees

#### Anjuman-I-Islam, Mumbai

Badruddin Tyabji Marg, off.92, D.N. Road, Mumbai- 400 001.

Telephone No- 022-2620177/ 022-22641325

#### **Details of Trustees-**

Sr.	Name	Designation	Address		
No		_			
1	DR. ZAHIR KAZI	Hon.  President  Building No-15, Flat No-14, MHA/MIG, Op Lilavati Hospital, Bandra Reclamation, Band (W), Mumbai- 400 050.			
2	MR.MUSHTAQ ANTULAY	Hon. "Moonlight", 6 <sup>th</sup> Floor, MahrashiKarve Road, Vice President Mumbai- 400 020.			
3	DR. SHAIKH ABDULLAH G. M.	Hon. E/118, 1st Floor, Sagar Apartment, Sonapu Vice President Lane, Kurla (W), Mumbai-400 070			
4	MRS. RAZIA SULTANA AHMED	Hon. NHAVA House, 65, Marine Lines, Mumbai-40 002.			
5	MR.G. A. R. SHAIKH	Hon. 9-04, Occean View, Decan CHS, Union Park, General Secretary Near Rizvi College, Khar (W), Mumbai- 400 052.			
6	MR.MOIZ MIAJIWALA	Hon. Treasurer 303, Fortune Towers, 337, sir J. J. Road Mumbai- 400 008.			
7	MR.MOINUL HAQ CHOUDHARY	Hon. "Al-Haq" 40, Perry Road, Bandra (W), Mumb Joint Secretary 400 050.			
8	MR.AQEEL YUSUF HAFIZ	Hon. 21/13, Sea Pearl, Bandra Reclamat Joint Secretary Mumbai- 400 050.			
9	MR.BURHAN HARRIS	Hon. Executive Chairman(BINM)	Ann Villa, Flat No- 7, 7 <sup>th</sup> Floor, 30 Road, Above Agarwal Nursing Home, Opp. Just Around Corner, Bandra (W), Mumbai- 400 050.		

#### Name and Address of the Director

Dr. Abdul Razak Honnutagi

Flat No-502, 5th Floor, Sankula CHS, Sector-8B,

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Name of the affiliating University

**University of Mumbai** 

- Member of the Board and their brief background
- Members of the Office Bearers
- Members of the General Council Committee (GCC)
- Members of the Executive Council (EC)
- Members of the Board of Governance (AIKTC)
- Members of the College Development Committee (AIKTC)
- Organizational chart and processes

#### **Institutional Vision and Leadership**

#### Governance

The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the institution

Vision: To be the most sought after technical campus that others would wish to emulate.

Mission: Creating Exuberant Technical Professionals.

#### **Mission Elements:**

- 1. To implement the Outcome Based Education (OBE) model to conform to our belief "Students Learn What We Teach".
- 2. To encourage and upgrade teachers for innovative teaching skills, research and practice.
- 3. To provide the necessary facility, machinery, equipment, atmosphere, and ambiance that would enable quality academics, research, and practice.
- 4. To create an ecosystem for professional competition, lifelong learning and reward mechanism.

To implement the strategies aligned with our vision and mission, the institute has various administrative and academic bodies which include General Council, Board of Governors, College Development Committee (erstwhile Local Managing Committee) and 29 Process Implementation Centers.

- Our Vision and Mission has been formulated by taking into consideration the feedback and suggestions from all the stakeholders including Management representatives. In order to meet the vision and mission of the institute, various centers at administrative and academic levels have been formed.
- Further, the faculty members are encouraged to participate in the decision-making process by functioning as Controllers or Coordinators of various centers drawn from all the schools and departments.
- The centers like Alumni Connect Centre (ACC), Institute-Industry-Institute Interaction
  Centre (IIIIC) are facilitating for the practice-based activities whereas Centre for Academic
  Affairs (CAA) is evolved for carrying out various activities related to academics and
  research.
- The perspective/strategic plan for the institute is prepared by the head of the institute which includes Quality Assurance and promotion of modern tools in teaching-learning process, Initiatives for industry-institute interaction, enhancing facilities for research and development, Human resource planning and development, Academic tie-ups, Mentoring system and promotion of various activities for overall development of the students.
- The institute has a well-framed organizational structure for decision making at various

levels.

- The Management has given liberty to the Director, Deans, HoDs and all the faculty members to develop and execute academic, research and practice based processes.
- Independent Controllers and Coordinators are appointed for various centers, cells, and committees.

#### The institution practices decentralization and participative management

- The institute has a proper mechanism to delegate authority for various administrative and academic activities.
- In order to enhance the effectiveness and efficiency within schools/departments and at the campus level, various centres /cells have been established, which includes academics, co-curricular, extra-curricular, infrastructure development etc.
- The institute promotes the culture of participation of faculty members and students in various discussion and decision making activities.
- The suggestions and opinions are invited from Deans / HoDs / Section Heads / Faculty / Students and other stakeholders to formulate the policies and guidelines for the effective functioning of various administrative and academic tasks.
- Management makes expert faculty members part of purchase committee for the purchase of equipments and machineries and the recommendations of expert faculty members are given due importance. Director/Deans /HoDs/Senior faculty members play an important role and follow the transparent procedure in the recruitment of faculty and staff at the institute level.

#### **Development of Infrastructure and Laboratories under Capital Expenditure**

The Anjuman-I-Islam Trust had a vision of developing a state of the art Technical Campus at Panvel. After obtaining the regulatory permissions by various statutory bodies for the campus, it got started in the year 2011.

- The campus started as a single building hosting three schools in the Pharmacy building, while the construction work of School of Engineering & Technology and School of Architecture building was in progress.
- The responsibility of Infrastructure Planning and Development, the design of Laboratories, Learning halls, Seminar hall, and other instructional areas were assigned to the interested faculty members from Engineering, Architecture, and Pharmacy.
- The concerned faculty members were involved in the layout of the floor plan, the layout of laboratories, learning halls, and all connected areas.
- The entire development work was done in phases, viz., Phase-I, Phase-II, and Phase-III
- The technical expertise of Architecture and Engineering faculty members were utilized for working out the unique and state of art infrastructure.
- These faculty members were involved up-to the level of selecting and finalizing the furniture design, laminate, plywood type, table designs, chairs, classroom benches, customized classroom boards, etc.
- The concerned faculty members were involved in the finalization of Interior design and decoration.
- The supervision of the construction and execution of all work were done by the faculty members.
- The same group came out with an idea of Administration Lounge and connected Professor cabin in all possible laboratories.
- Administration Lounge is a specialized area having state of the art 10 to 12 faculty cabins, pantry, departmental library stacking, departmental clerical space and

conference room.

- The faculty members' expertise was utilized in the complete lab setup starting from working out the latest technical specifications of required equipments and machineries till the purchase and installations of same.
- The landscape and gardening of the entire campus were conceptualized and designed by the faculty member
- All involved faculty members, Deans, HoDs and Director were given a common goal of
  effective utilization of the corpus fund for the best state of art infrastructure
  development.

#### **Strategy Development and Deployment**

#### **Expansion of Academic Programs:**

- The management of the institute monitors the progress to ensure the fulfillment of the goals and objectives.
- To ensure enhancement in academic excellence, expansion of academic programs, up gradation of infrastructure and laboratories in needed spheres was the main agenda point in the CDC (erstwhile LMC) meetings.
- Resolutions were made as per requirements and implemented to enrich the teaching-learning process in a broader perspective.
- The institute started in 2011 as Technical campus with one building block (Block-A), in which the first year of all the programs was accommodated, while the construction of remaining building blocks was in progress.
- In the year 2013, the second building block (Block-B) with more than required instructional facilities was ready for possession hence management decided and resolved to add additional seats.
- The management decided to increase the intake of the undergraduate program in Mechanical Engineering from 60 to 120 and a second shift of undergraduate program in Civil Engineering in 2013.
- The planned infrastructure development to cater the needs of UG and PG were completed and hence the institute applied and received the approval for PG course in Civil Engineering viz. Construction Engineering & Management in the year 2014.
- In 2016, the third building block (Block-C) was ready. To harness the research culture and apt utilization of the available infrastructure, the institute applied for the Research Center in Civil Engineering. The permission for the same was successfully received from the concerned statutory bodies in 2017.
- The trend of this development continued and subsequently, due to sufficient infrastructure, the institute could increase intakes in Pharmacy and Architecture programs, viz., from 60 to 100 in Pharmacy and 40 to 80 in Architecture.
- Due to the demand of hostel inside the campus from the stakeholders, the management has proposed to develop boys hostel having an approximate area of 72494.4 sq ft with a capacity of 510.
- The institute ensures that the students benefit from a high-quality learning environment that includes spacious classrooms, well-equipped laboratories, state-of-the-art computing facilities, smart classrooms, seminar halls, and auditorium.
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## Organizational structure of the institution including governing body, administrative setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism

The General Council (GC) of Anjuman-I-Islam's comprising of 45 members, formulates the policies and manages all institutions. The GC elects its 8 office bearers for day-to-day management of the entire trust. As a de-centralized Management process, GC has created about 16 different boards having clusters of schools/colleges/institutions under each board headed by an Executive Chairperson. All Executive Chairpersons and office bearers constitute the next level committee named Executive Council. The Board for Institutions in Navi Mumbai (BINM) has been exclusively created for governing all the schools and colleges in Navi Mumbai. Thus, AIKTC is being governed through BINM along with all statutory Boards and committees such as BOG and CDC (erstwhile Local Managing Committee (LMC)).

#### **Functions of Board of Governors:**

The BOG of the institute is drawn from General Council (GC), a policy-making council of Anjuman-I-Islam, Industry, Academia and so on. The BOG is the apex body guides all faculty and staff for overall academic, administrative and financial excellence of the institute. The Board of Governors besides being the supreme administrative authority of the institution shall have the following additional functions:

- To monitor the academic, research and innovation related activities of the college.
- To promote start-ups, entrepreneurship, incubation and socially relevant activities.
- To consider the important communications, policy decisions received from GC, Staff Selection Committee, University, Government, AICTE/ PCI/COA etc.
- To monitor the students and faculty development programmes.
- To pass the annual budget of the college and so on.

The BOG shall meet at least twice a year and it comprises of its Chairman (A technical expert either an entrepreneur or an industrialist or an educationist of repute); 4 Members nominated by the Anjuman-I- Islam; 2 eminent professionals from the area of Engineering & Technology; 2 academicians of excellence; a University Nominee and Director/Principal being ex-officio Member Secretary.

The Executive Council shall examine and scrutinize the budget estimates forwarded to it by the various boards and to place the same for being sanctioned by the governing council. The executive council shall keep minutes of all its proceedings which will be kept open for inspection.

#### Service Rules, Procedure of Recruitments and Promotional Policies:

The service rules are followed for teaching and non-teaching staff as per the Maharashtra State Service Rule 1981 and also the Rules approved by the GC (Not contradicting to the Government Rules). The procedure of recruitments and promotional policies are followed as per the guidelines laid down by the AICTE, PCI, COA, and University. All this has been documented in AIKTC HR Manual: A Code of conduct.

#### **Grievance Redressal Mechanism:**

The institute has established Grievance and Appeal Redressal Centre (GARC) to look after the students' and staff grievances and issues. This center makes sure that the grievances are addressed properly. The institute has also introduced a very novel concept called HR CARE (Human Resources Centre for Achievement, Reformation, and Excellence) where through counseling and training, most of the unseen grievances and issues being resolved.

Implementation of e-governance in areas of operation				
<ol> <li>Planning and Development</li> <li>Administration</li> <li>Finance and Accounts</li> <li>Student Admission and Support</li> <li>Examination</li> </ol>				
Faculty Empowerment Strategies				
The institution has effective welfare measures for teaching and non-teaching staff				
The institute strives to motivate and empower the faculty members and staff to create a sense of direction and positive awareness among all the departments/sections by:				
<ul> <li>Sponsoring for attending various programmes like National / International conferences, workshops, STTPs and FDPs.</li> </ul>				
<ul> <li>Creating a sense of belongingness amongst faculty members by involving them in various committees.</li> </ul>				
<ul> <li>Institute organizes faculty development programmes, workshops and short term training programmes for motivation and empowerment of the faculty and staff.</li> </ul>				
Faculty members are encouraged to enroll for Ph.D. by providing them adequate time to undertake course work and research work.				
<ul> <li>Laptops are provided to faculty members to empower the teaching-learning process and help in their own area of research and expertise.</li> </ul>				
<ul> <li>Employees Provident Fund, maternity leave, medical leaves are provided as per the Government of Maharashtra and University of Mumbai rules.</li> </ul>				
A scientific way of appraisal for faculty members and staff.				
Team huddle programmes and visits for team building.				
Non-teaching staff is motivated for their higher studies				

#### COMMITTEES

- Establishment of Anti Ragging Committee
- Establishment of Online Grievance Redressal Mechanism
- <u>Establishment of Grievance Redressal Committee in the Institution and Appointment of Ombudsman by the University.</u>
- Establishment of Internal Complaint Committee (CC)
- Establishment of Committee for SC/ST
- Internal Quality Assurance Cell

Programme											
Name of the Programme	No. of Seats	Duration	Cut of Marks		_	Placement	Total	Min	Max	Avg.	
			21- 22	20- 21	19- 20	Fees	Facility	Placement	Salary	Salary	Salary
Civil Engineering	120	4 Years	2.21	23.47	1.95	84,500	YES	20	1.2	1.8	1.51
Computer Engineering	60	4 Years	66.24	57.01	21.63	84,500	YES	76	2.4	7	3.86
Electrical Engineering	60	4 Years	3.69	3.75	7.84	84,500	YES	15	1.2	3.6	2.28
Electronics & Computer Sci.	60	4 Years	2.82	7.06	7.97	84,500	YES	50	1.08	4.8	3.09
Mechanical Engineering	120	4 Years	8.81	2.01	1.15	84,500	YES	33	1.2	12	2.54
Bachelor of Pharmacy	100	4 Years	82.51	72.47	71.12	95,500	YES	5	1.56	2.64	2.12
Bachelor of Architecture	80	5 Years	76	80.5	63	1,41,000	YES	0	0	0	0
Construction Engineering &Manageme nt	18	2 Years	1.21	14.07	5.41	1,00,000	YES	3	1.2	1.2	1.2
Ph. D in Civil Engineering	10	-	-	-	-	1,00,000	YES	0	0	0	0

- No. of Courses for which applied for Accreditation 8
- Status of Accreditation YES NAAC Accredited with B+: NAAC Certificate

Faculty /Faculty Profile	Civil Engineering Computer Engineering Electrical Engineering Electronics and Computer Science Mechanical Engineering First Year Engineering Bachelor of Pharmacy Bachelor of Architecture Permanent Faculty: Student Ratio -1:15 Number of Faculty employed- 124
Fees	Details of Fee, as approved by Fees Regulating Authority for the Institution  • Engineering: 90,000 Rs.  • Pharmacy: 77,000 Rs.  • Architecture: 1,41,000 Rs.  • Master of Engineering: 72,000 Rs.  • Ph.D. in Civil Engineering: 1,06,000 Rs.

#### Time schedule for payment of Fee for the entire Programme

The admission fee of the academy is decided by Fee Regulating Authority. The complete proposal for final amount of fees, for each academic year submitted to Fee Regulating Authority is available on the college website and in the office. The fee, for the academic year, should be paid at the time of admission by D.D. / Online Payments. The academy also offers cashless payment facility through Razor pay.

#### Scholarship offered by the Government

- 1. Scholarship for students of minority communities pursuing higher & professional courses (minority scholarship)
- 2. Rajarshi Chatrapati Shahu Maharaj Scholarship (EBC)
- 3. Reserved category scholarship OBC scholarship & OBC free-ship
- 4. Reserved category scholarship SC scholarship & SC free-ship
- 5. Reserved category scholarship ST scholarship & ST free-ship
- 6. Reserved category scholarship VJNT scholarship & VJNT free-ship
- 7. Reserved category scholarship SBC scholarship & SBC free-ship
- 8. Dr. Punjabrao deshmukh hostel scholarship (hostel)

#### Number of seats sanctioned and admitted with the year of approval

#### 2021-22 Branch 2020-21 2019-20 Intake Admitted Intake Admitted Intake Admitted Civil 120 23 120 7 120 33 Engineering Computer 60 60+3 60 60+3 60 60+3 Engineering Electrical 60 13 60 8+2 60 13+3 Engineering Electronics & 60 49+3 60 19+3 60 21+1 Computer Sci. Mechanical 120 25+6 120 44+6 14 120 Engineering Bachelor of 100 100+5 100 100+5 100 100 Pharmacy Bachelor of 80 23 80 50 22 80 Architecture Construction Engineering 18 16 18 18 18 17 Management Ph. D in Civil 10 3 10 0 10 0 Engineering

#### **Admission**

Admission Procedure

**Scholarship** 

- Candidates admitted through Centralized Admission Process must confirm their admission as per rules and regulations laid down by DTE, Government of Maharashtra and or competent authority. Further details are available on cetcell.mahacet.org and in DTE Admission Brochure
- Admission done as per the Government of Maharashtra that is
- 80% students are admitted through Centralized Admission Process (CAP)
- (51 % Minority Seats and 29% Open CAP) and 20% seats are



 Eligibility for Admission: As per the CET Cell Admission Brochure

#### First Year - Engineering / Technology [ 4 Years duration]

- The Candidate should be an Indian National
- Passed HSC or its equivalent examination with Physics and Mathematics as compulsory subjects along with one of the Chemistry or Biotechnology or Biology or Technical Vocational subject or Computer Science or Information Technology or Informatics Practices or Agriculture or Engineering Graphics or Business Studies or Electronics or Entrepreneurship and obtained at least 45% marks (at least 40% marks, in case of Backward class categories, Economically Weaker Section and Persons with Disability candidates belonging to Maharashtra State only) in the above subjects taken together and
- The Candidate should have appeared in all the subjects in MHT-CET 2022 and should obtain non zero score in MHT-CET 2022.

Or

 Passed minimum 3 years Diploma in Engineering and Technology and obtained at least 45% marks (at least 40% marks, in case of Backward class categories, Economically Weaker Section and

## Criteria and Weightages for Admission

#### First Year – Pharmacy [ 4 Years duration]

- The candidate should be an Indian National;
- Passed HSC or its equivalent examination with Physics and Chemistry as compulsory subjects along with one of the Mathematics or Biology and obtained at least 45% marks (at least 40% marks in case of candidates of Backward class categories, Economically Weaker Section and Persons with Disability belonging only to Maharashtra State) in the above subjects taken together;
- The candidate should have appeared in all the subjects in MHT-CET 2022 and obtain non zero score in MHT-CET 2022.

#### First Year- Architecture [ 5 Years duration]

- The Candidate should be an Indian National;
- The candidate should have passed an examination at the end of the 10+2scheme of examination with Physics, Chemistry and Mathematics subjects;

OR

 The candidate should have passed 10+3 Diploma Examination with Mathematics as compulsory subject;

- The candidate needs to qualify an aptitude test in architecture conducted either by NTA (i.e., JEE) or NATA conducted by the Council of Architecture;
- Any other criterion declared from time to time by the appropriate authority as defined under the Act.

#### Master of Engineering [ 2 Years duration]

- The Candidate should be an Indian National;
- Passed Bachelor Degree in the relevant field of Engineering and Technology or Pharmacy from All India Council for Technical Education or Central or State Government approved institutions or equivalent, with at least 50% marks (at least 45% marks in case of candidates of Backward Class categories, economically weaker section and Persons with Disability category belonging to Maharashtra State);
- Passed Bachelor Degree in the relevant course of Engineering and Technology
- or Pharmacy as specified in the eligibility criteria for admission to a Post Graduate Degree course of the concerned University for which admission is being sought;
- Obtained Qualified score in Graduates Aptitude Test in Engineering (GATE)
- conducted by the Indian Institute of Technology and valid for the current academic year;

OR

• Obtained non-Qualified marks in Graduates Aptitude Test in Engineering (GATE) conducted by the Indian Institute of Technology for the current academic year;

OR

 Obtained Qualified score in Graduates Pharmacy Aptitude Test (GPAT) conducted by National Testing Agency and valid for the current academic year;

OR

 Obtained non-Qualified marks in Graduates Pharmacy Aptitude Test (GPAT) conducted by National Testing Agency for the current academic year;

OR

- For sponsored candidates, minimum of two years of full-time work experience in a registered firm/ company/ industry/ educational and/ or research institute/ any Government Department or Government Autonomous Organization in the relevant field in which admission is being sought;
- GATE or GPAT Qualified Candidates shall have preference over the not qualified Candidates.

# Information of Infrastructure and Other Resources Available

- Information of Infrastructure and Other Resources Available
- Occupancy Certificate
- Fire and Safety Certificate
- Library Information
- Laboratory and Workshop
- Computer Facility
- List of facilities available Games and Sports Facilities
- Extra-Curricular Activities NSS | Cultural Cell | Nature Club

## Curricula and syllabus for each of the Programmes as approved by the University

Civil Engineering	Computer Engineering	Electrical Engineering
Electronics & Computer Sci	Mechanical Engineering	B. Pharmacy
B. Architecture		

#### **Academic Calendar**

Civil Engineering	Computer Engineering	Electrical Engineering		
Electronics & Computer Sci	Mechanical Engineering	B. Pharmacy		
B. Architecture				

## Academic Time Table with the name of the faculty members handling the Course

## Teaching Learning Process

Civil Engineering	Computer Engineering	Electrical Engineering
Electronics &Computer Sci	Mechanical Engineering	B. Pharmacy
B. Architecture		

#### **Internal Continuous Evaluation System**

- Two Internal Assessment (IA) tests are conducted during every semester. All the guidelines and timetables regarding internal assessment are conveyed to the stakeholders through website and notice boards. Schedule of the same is finalized during the meeting of Deans/HoDs with Principal at the beginning of every semester and is conveyed to the stakeholders through institute / Department Academic Calendar.
- Each department prepares schedule of IA exams in line with the institute Academic Calendar and a notice for students is displayed one week before the actual IAs. A circular is drawn for all faculty members to demand expected number of question papers ofrespective subjects in prescribed format, one week before commencement of IA tests. COs are followed while setting the question papers and are communicated to the students through question papers along with expected level of learning by the students based up on Bloom's taxonomy.
- The time table and seating arrangement duly signed by Internal

	Assessment Committee (IAC) and HoD is displayed on notice board before Internal Assessment exams. A squad of senior faculty members is constituted to monitor discipline during IAs. Respective faculty members assess the answer books of respective subjects within one week. All respective subject teachers discuss IA results with students in the class. The results of students are analyzed and conveyed to the parents through letters if needed  • Student's assessment of Faculty, System in place – Feedback given by students			
Enrollment of students in the	Enrollment of students in the last 3 years			
last 3 years LoA and	• 2021-22   2020-21   2019-20			
subsequent EoA till the current Academic Year	<ul> <li>LOA of 2011-12</li> <li>EOA of 2022-23</li> </ul>			
Accounted audited statement for the last three years	<ul> <li>Accounted audited statement for 2020-2021</li> <li>Accounted audited statement for 2019-2020</li> <li>Accounted audited statement for 2018-2019</li> </ul>			
	Performance Based Appraisal System.			
	Objectives of the Practice:			
	Motivating the faculty staff members to perform best.			
	Making the appraisal system fair and transparent.			
	Context: An appraisal system without emphasis on performance leads to staff discontent.			
	A scientific approach towards appraisal will enable the institute to channel the effort of both faculty and staff towards thrust areas			
	<ul> <li>To cultivate and nourish a sense of healthy performance-based competition among the faculty and staff.</li> </ul>			
Best Practices adopted, if any	The Practice: To justify the appraisal mechanism, a mean based varying DA appraisal system is in place. The DA component is divided into Fixed DA (FDA) and Varying DA (VDA). The VDA is assigned as per the calculated mean which is based on the performance parameters like Teaching feedback, Result Score, Examination work, Academic Audit Score, Institutional responsibilities, departmental responsibilities, and confidential report parameters, etc. All these parameters are well explained to all faculty members and staff in advance which makes the entire process transparent and encourages them to score more based on their performances. The appraisal system has been revised in 2018 with configurable weights for different parameters applicable for different designations. By this mechanism, the institute justifies the appraisal of faculty and staff based on their performances.			

#### **Evidence of Success:**

- The revised appraisal system has given due importance to performances in the thrust areas.
- In general, the faculty and staff are content due to the transparent and scientific approach of the revised appraisal system.

#### Students' Centered Teaching Learning.

#### **Objectives of the Practice:**

- To make the Teaching and learning process robust.
- To improve implementation of Outcome-Based Education.
- Enrichment of ICT based teaching methodologies.

#### Context:

- The teaching learning process is made effective through active classroom teaching including online platforms.
- A student-centered teaching approach recognizes learners of different levels in the classroom and accordingly, as per their level, relevant and purposeful learning is imparted.
- Outcome Based Education provides reflective insights along with the development of various technical skills ensuring guaranteed outcome of learning by being employable graduates in the concerned field.
  - ICT encourages self-learning among students by actively seeking their interest whereas the teachers support and guide them with their doubts and queries. It also facilitates a higher degree of engagement with the teachers for personalized learning experience due to limited classroom hours. The Practice: The student-centered classroom is personalized as per the batch of students where the focus is on dialogic or interactive session and integrating their past knowledge and experience with the intended outcome. Ion-CUDOS Software is used for mapping course outcomes, the target outcomes for each and every course. Student performance can be tracked using a dashboard provided by software. Question paper drafting is done considering Bloom's taxonomy and accordingly data is uploaded after assessment. The teachers use various ICT tools and applications like Google Classroom, YouTube videos, Online Quiz, Blogs, etc. to ensure the proper understanding of concepts. All the teachers ensure delivery of outcome-based learning by focusing on learners' knowledge, skills, and attitudes in both the settings, classroom as well as online teaching, by providing free online certificate courses of Coursera, Spoken tutorial,

NPTEL, edX, and many more. The Institute uses Innovative Teaching and Exuberant Learning ideas as a part of student-centered Teaching Learning where the role of the teacher is to facilitate and guide the students in their self-learning.

#### **Evidence of Success:**

- The above-mentioned pedagogical changes resulted in an active involvement of the students in the classroom where they not only contributed their own thoughts and ideas but involved themselves in self-directed activities.
- Students gained self-confidence and felt motivated which improved the overall students' performance.

#### INSTITUTIONAL DISTINCTIVENESS

## Holistic development of students for making them exuberant technical professionals.

Students admitted to our programs come from varied social, economic, and cultural backgrounds. The majority of these admitted students are first-generation learners which at times pose unique academic challenges. Their social environments are challenging that have a lasting impact on their attitudes and personalities. Keeping this in mind, the institute offers its assistance in academic/technical, financial, and social aspects.

#### **Academic Assistance:**

As the majority of the admitted students are from the vernacular medium, communication (written and verbal) in English is one of the major academic hurdles of the students. To overcome this problem, the institute has planned, created, and organized practical sessions on improving their communication skills. To develop and improve the technical and academic skills of the students, various students' technical bodies are formed, such as Programmers Club, Peer to Peer learning (P2P), and Wiring Wizard along with departmental students' associations. Expert lecture sessions are kept to bring students on the track of technical thrust areas. Campus recruitment training is also imparted, in consultation with the training and placement team, training students on aptitude, value added courses, software training, etc. To improve the academics of the students, they are divided into slow and advanced learners as per the defined procedure. The slow learners have improvement sessions in terms of extra sessions, counseling sessions, etc. The advanced learners are provided with special sessions for encouraging and guiding them towards competitive exams like GATE, GPAT, etc. The FUERZA is an annual technical fest that is a platform for developing students' technical skills, teamwork spirit, etc. In the School of Pharmacy, students are helped to be Health advisors to the society, competitions kept on poster making and model making.

#### **Financial Assistance:**

The institute supports and guides its students to receive scholarships from

various government and non-government agencies. The institute under Anjuman-I-Islam trust provides financial support using zakat and non-zakat funds to its needy students. Many nongovernment scholarship agencies are associated with the institute, wherein the institute refers its needy students to them for the scholarships. The institute maintains a list of many non-government scholarship agencies, which is provided to the needy students. Recently the institute has initiated a concept of "One Rupee Magic". The collection boxes are fixed at different places in the institute. The amount collected will be given to the payment of the fee of needy students.

#### **Social Assistance:**

Every year a student's Induction program for first year students is being organized which makes them familiar with the ethos and culture of the institution. They set daily routines, create bonding in respective batches as well as with faculty members. Students develop a healthy lifestyle and ethical professional discipline. During this program students work together and do different activities which let them connect and appreciate diversity of cultures. From first year onwards students are distributed to faculty members as their mentees. Faculty mentors guide them in all possible aspects supporting them in academic, examination, personal and financial related matters. To implement it effectively, the institute has an exclusive Students' Centre for Guidance, Counseling & Mentoring.