Yearly Status Report - 2018-2019

Part A	
Data of the Institution	
1. Name of the Institution	**ANJUMAN-I-ISLAM'S KALSEKAR TECHNICAL CAMPUS**
Name of the head of the Institution	**ABDUL RAZAK HONNUTAGI**
Designation	**Director**
Does the Institution function from own campus	**Yes**
Phone no/Alternate Phone no.	**022-27481247**
Mobile no.	**7303442555**
Registered Email	**contact@aiktc.ac.in**
Alternate Email	**director@aiktc.ac.in**
Address	**Plot No. 2 & 3, Sector -16, Khandagaon, Near Thana Naka**
City/Town	**New Panvel Navi Mumbai**
State/UT	**Maharashtra**
Pincode	**410206**

2. Institutional Status	
Affiliated / Constituent	Affiliated
Type of Institution	Co-education
Location	Urban
Financial Status	Self financed
Name of the IQAC co-ordinator/Director	Dr. Rajendra Magar
Phone no/Alternate Phone no.	02227481248
Mobile no.	9967329285
Registered Email	hod.ce@aiktc.ac.in
Alternate Email	rajendramagar69@gmail.com
3. Website Address	
Web-link of the AQAR: (Previous Academic Year)	https://www.aiktc.ac.in/?page_id=17823
4. Whether Academic Calendar prepared during the year	Yes
if yes,whether it is uploaded in the institutional website: Weblink :	https://www.aiktc.ac.in/wp-content/uploads/2020/10/1602341882496_2018-19.pdf

5. Accrediation Details

Cycle	Grade	CGPA	Year of Accrediation	Validity	
				Period From	Period To
1	B+	2.65	2019	09-Sep-2019	08-Sep-2024

6. Date of Establishment of IQAC	31-Oct-2012

7. Internal Quality Assurance System

Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & Duration	Number of participants/ beneficiaries
Academic Audit	06-May-2019 6	150

NAAC Awareness cum Refresher Program	20-Mar-2019 1	219
Unnat Bharat Abhiyan	22-Feb-2019 8	564
Awareness Program on online NPTEL Certification Courses	11-Jan-2019 1	75
Expert session on Technology Business Incubators	21-Dec-2018 1	44
Participation in NIRF	10-Nov-2018 1	150
NAAC Awareness Program	18-Aug-2018 1	76
CRT Training Program for Students	23-Jul-2018 7	771
NAAC Awareness Program	13-Jul-2018 1	77
View File		

8. Provide the list of funds by Central/ State Government- UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/Department/Faculty	Scheme	Funding Agency	Year of award with duration	Amount
NIL	0	NIL	2018 0	0
View File				

9. Whether composition of IQAC as per latest NAAC guidelines:	Yes
Upload latest notification of formation of IQAC	View File
10. Number of IQAC meetings held during the year :	3
The minutes of IQAC meeting and compliances to the decisions have been uploaded on the institutional website	Yes
Upload the minutes of meeting and action taken report	View File
11. Whether IQAC received funding from any of the funding agency to support its activities during the year?	No

12. Significant contributions made by IQAC during the current year(maximum five bullets)

Unnat Bharat Abhiyan
HRCARE
CRT Training

View File

13. Plan of action chalked out by the IQAC in the beginning of the academic year towards Quality Enhancement and outcome achieved by the end of the academic year

Plan of Action	Achivements/Outcomes
Unnat Bharat Abhiyan	1. Adoption of 10 villages. 2. Household village surveys. 3. Health Camp for villages. 4. Education camp for villages. 5. Financial literacy camp. 6. State and Centre Welfare schemes awareness.
Human Resource - Centre for Achievement, Reformation and Excellence	1. Need based surveys of all students. 2. Categorization of students based on survey. 3. Individual Counselling. 4. Classwise sessions for all students. 5. Parents orientation program. 6. Group Counselling.
Campus Recruitment Training	1. Soft skills development. 2. Quantitative and Reasoning Logic. 3. Training for all students from second year to final year.
Academic Audit	1. Three audits per semester, viz. Preterm, Midterm and Postterm. 2. Interdepartmental audit committee. 3. Academic Audit Score linking with Appraisal System.
View File	

14. Whether AQAR was placed before statutory body ?	No
15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning ?	No
16. Whether institutional data submitted to AISHE:	Yes
Year of Submission	2018
Date of Submission	31-Dec-2018

17. Does the Institution have Management Information System ?	**Yes**
If yes, give a brief descripiton and a list of modules currently operational (maximum 500 words)	**The Management Information system is implemented and following modules are functional for the current academic year 201819: Academic Management System: The Institute maintains an OBE based software platform IONCUDOS for successfully delivering outcomebased education, hosted on a local server. This software provides the facility for faculty to plan its teaching activities, Course Outcome attainment calculation. We can generate reports of Course Outcome, Program Outcome and its attainment Level. aScTimeTable Module: This module is used to generate a centralized Time table for conduction of Lectures and practical of the entire 3 schools Architecture, Pharmacy and Engineering. Financial Management System: Financial related data is handled over Tally ERP software. The software handles Accounting, Inventory Management, Order Management, Tax Management, Payroll, Banking and many such requirements. It supports all daytoday processes from recording invoices to generating various MIS reports. Library Management System: The institute has been using an Integrated Library Management System (ILMS) in its central library since its inception. The institute has started with eGranthalaya in the year 2011 and continuously upgraded or changed the ILMS as per requirements. The Latest ILMS being deployed in the central library is KOHA. The KOHA is a free and open source, fully featured and scalable Library Management System. Koha has most of the features that would be expected in an ILS, including: Various facilities like tagging, comment, Social sharing and RSS feeds, Union catalog facility, Customizable search, Online Circulation, Barcode printing. Repository Management System: The Institute maintains a local repository server OwnCloud for students and faculty to store their files and documents accessible over an intranet. The Institute hosts and maintains an inhouse software – Kalsekar Event Approval System (KEAS) to keep a track of all the events/programmes/activities**

	participated by students and staff held within and outside the campus. Examination System Module: VIVA Software is used to complete the examination related tasks, especially for exams which are under Institute purview. It helps to generate appearing lists, seat numbers, gazettes, Hall tickets, etc. Even the Result Analysis report is also generated in customizable formats as per the Institute requirements.

Part B

CRITERION I – CURRICULAR ASPECTS

1.1 – Curriculum Planning and Implementation

1.1.1 – Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

Anjuman–I-Islam's Kalsekar Technical Campus (AIKTC) having three-degree level programs (Engineering & Technology, Architecture, and Pharmacy), Postgraduate level program, and Ph.D. Research Center (Civil Engineering), located at New Panvel, is approved by All India Council of Technical Education (AICTE), Pharmacy Council of India, Council of Architecture, New Delhi, recognized by the Directorate of Technical Education (Maharashtra) and affiliated to University of Mumbai. The curriculum prescribed by the University of Mumbai is strictly adhered to impart quality education. Each program develops a program wise academic calendar based on the academic schedule of the University of Mumbai, so as to implement the curriculum effectively. Apart from this prescribed curriculum, the Institute has a plan of action and means to strengthen the teaching-learning process in the following ways: ? Course allotment based on specialization, experience, course preference, and teaching performance in previous years. ? The timetable is framed with provision for Skill Development sessions. ? Teaching plans are prepared based on Outcome-based education (OBE) philosophy for better implementations. ? Course Presentations are delivered by course owners for effective planning of the course(s) allotted to them before the respective Domain committee. ? Preparation of adequate and effective learning resources and materials well in advance. ? Course files that contain a Teaching plan, Practical plan, Course Outcomes (CO) review, CO-PO mapping, Notes, a Question bank, and Continuous Assessment, etc are maintained. ? Conduction of two Unit Tests examination in each semester as per the academic calendar. ? Adopting new and innovative teaching techniques, and employing learner-centric techniques such as web-related assignments (Google Classrooms, MOODLE, etc), peer learning, group discussion, use of NPTEL lectures, case studies, projects, surveys, Online Quiz, etc in the delivery of the academic courses. ? Effective in-place students' mentoring program. ? Well ventilated and spacious classrooms with a projector and high-speed internet facilities making them ICT enabled classrooms. ? Organizing required Expert lectures, Workshops, Campus Recruitment Training (CRT), and Industrial Visits. ? Encouraging Students' participation in National, International Conferences and Journals, Project Competitions, and Technical festivals. ? Effective implementation of Academic Audit. ? Minimum seven (07) days study tours are organized every academic year where extensive documentation of structures/heritage structures is done onsite. The completed work is exhibited and assessed for internal sessional marking.

1.1.2 – Certificate/ Diploma Courses introduced during the academic year

Certificate	Diploma Courses	Dates of Introduction	Duration	Focus on employ ability/entrepreneurship	Skill Development
Spoken tutorial -Python Programing	NA	24/01/2019	2	employability	Yes
Spoken tutorial -Java	NA	13/07/2018	2	employability	Yes
Spoken tutorial - Python 3.4.3	NA	10/01/2019	2	employability	Yes
NPTEL Course on Social Networks	NA	28/04/2019	3	employability	Yes
NPTEL Course on PCOM	NA	28/04/2019	3	employability	Yes
Antenna Design, Simulation and testing using Ansys HFSS tool	NA	02/07/2018	7	employability	Yes
NPTEL Course on Joy computing Python	NA	28/04/2019	4	employability	Yes

1.2 – Academic Flexibility

1.2.1 – New programmes/courses introduced during the academic year

Programme/Course	Programme Specialization	Dates of Introduction
No Data Entered/Not Applicable !!!		
View File		

1.2.2 – Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the academic year.

Name of programmes adopting CBCS	Programme Specialization	Date of implementation of CBCS/Elective Course System
BE	Civil Engineering	01/07/2018
BE	Computer Engineering	01/07/2018
BE	Electrical Engineering	01/07/2018
BE	Electronics and telecommunication Engineering	01/07/2018
BE	Mechanical Engineering	01/07/2018
BPharm	Pharmacy	01/07/2018

1.2.3 – Students enrolled in Certificate/ Diploma Courses introduced during the year

	Certificate	Diploma Course
Number of Students	234	0

1.3 – Curriculum Enrichment

1.3.1 – Value-added courses imparting transferable and life skills offered during the year

Value Added Courses	Date of Introduction	Number of Students Enrolled
Career Recruitment Training(CRT) for BE Students	30/07/2018	90
Career Recruitment Training(CRT) for TE Students	19/01/2019	28
Career Recruitment Training(CRT) for SE Students	16/02/2019	26
Career Recruitment Training(CRT) for BE Students	23/07/2018	76

View File

1.3.2 – Field Projects / Internships under taken during the year

Project/Programme Title	Programme Specialization	No. of students enrolled for Field Projects / Internships
BE	Electrical Engineering	267
BE	Electronics & Telecommunication Engineering	131
BE	Mechanical Engineering	40
BPharm	Pharmacy	482
BArch	Architecture	30
BE	Civil Engineering	265
BE	Computer Engineering	6

View File

1.4 – Feedback System

1.4.1 – Whether structured feedback received from all the stakeholders.

Students	Yes
Teachers	Yes
Employers	Yes
Alumni	Yes
Parents	Yes

1.4.2 – How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)

Feedback Obtained
Well planned academic feedback system: Feedback is collected from the students twice in a semester called as formative feedback and summative feedback. The

results of formative feedback are used to convey to the concerned faculty about the areas of improvement in his teaching area and also the expectations of the students. The average of formative and summative feedback is taken as a bench mark for comparison of an individual faculty member status in his class and in the department. This is ensured by comparing the average feedback of a faculty with the average value of feedback for the class in which he is teaching and also with the department average feedback. Based on the status, different remarks for appreciation and scope for improvement are written on the report. Also, a separate letter of appreciation is issued to the concerned faculty member. Subsequently, the feedback of the faculty is also incorporated in the annual appraisal process. Feedback from Alumni: Annual feedback is collected from the Alumni by conducting Alumni meets. Feedback collected from Alumni is used for overall academic development. Alumni are also asked to give the inputs regarding current trends in the industry and accordingly they are involved in certain programs to train the students in various technical domains. Feedback from parents: Feedback is collected through parents meet and the points and concerns raised by them are converted into action plans for overall improvement. Feedback from teachers: Feedback is taken from the teachers regarding the improvement plans for the student skill development and training through brainstorming sessions. Such improvement plans are converted into actions. Employers feedback: Employer feedback is taken on a regular basis for continual improvement in employability skills.

CRITERION II – TEACHING- LEARNING AND EVALUATION

2.1 – Student Enrolment and Profile

2.1.1 – Demand Ratio during the year

Name of the Programme	Programme Specialization	Number of seats available	Number of Application received	Students Enrolled
PhD or DPhil	Civil Engineering	4	0	0
ME	Construction Engineering and Managemnet	18	18	18
BPharm	Pharmacy	100	100	100
BArch	Architecture	80	75	75
BE	Mechanical Engineering	120	117	117
BE	Electronics and Telecommunication Engineering	60	45	45
BE	Electirical Engineering	60	27	27
BE	Computer Engineering	60	63	63
BE	Civil Engineering II Shift	60	15	15
BE	Civil Engineering I Shift	60	55	55

View File

2.2 – Catering to Student Diversity

2.2.1 – Student - Full time teacher ratio (current year data)

Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of fulltime teachers available in the institution teaching only UG courses	Number of fulltime teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018	2352	36	150	3	2

2.3 – Teaching - Learning Process

2.3.1 – Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)

Number of Teachers on Roll	Number of teachers using ICT (LMS, e-Resources)	ICT Tools and resources available	Number of ICT enabled Classrooms	Numberof smart classrooms	E-resources and techniques used
153	153	8	33	3	3
View File of ICT Tools and resources					
View File of E-resources and techniques used					

2.3.2 – Students mentoring system available in the institution? Give details. (maximum 500 words)

The Mentoring system is followed in the Institute, where batchwise mentoring is done. A minimum batch of 15 students and a maximum batch of 25 students is allotted to a mentor. In the first year, students are allotted to the mentors from Humanities and applied sciences then assigned to other mentors from core department who look after the mentees from second year to final year. A mentor keeps the records of personal, academic and social activities of the mentees. The mentees' strengths and weaknesses are identified and built upon. Any personal, academic and social grievances/problems faced by the mentee are addressed by the mentor. The mentor also communicates with the parents of the mentee if he/she is absent for a long duration. If a student has low attendance, the mentor counsels the student apart from the counseling done by his/her Class Coordinator. At the institute level, it is ensured that each student gets adequate care belongingness for his/her overall development.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor : Mentee Ratio
2352	150	1:15

2.4 – Teacher Profile and Quality

2.4.1 – Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
154	153	1	0	14

2.4.2 – Honours and recognition received by teachers (received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of Award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2018	Dr. Shariq Sayed	Dean	Pharma Ratan 2018 Young Achiever Award
2018	Prof. Rizwan Farade	Assistant Professor	Geran Putra Berimpak

			(GPB),Research fellowship of University Putra Malaysia
2018	Prof.Imran A Sheikh	Assistant Professor	Ist Prize in ICMR Sponsored Poster presentation at RCPIPER Shirpur Maharashtra
2018	Prof. Tahoora Qureshi	Assistant Professor	NPTEL Topper for online course Introduction to smartgrid
2018	Dr. Rajendra Magar	IQAC / CIQA coordinator	BoS UoM Civil
2019	Prof. Awab Fakih	Assistant Professor	Governement of Maharashtra Best Mentor forStart-up

View File

2.5 – Evaluation Process and Reforms

2.5.1 – Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester/ year	Last date of the last semester-end/ year-end examination	Date of declaration of results of semester-end/ year- end examination
BArch	343903210	2018-2019	23/04/2019	10/05/2019
BPharm	343982310	2018-2019	14/05/2019	03/07/2019
BE	343919110	2018-2019	24/05/2019	11/07/2019
BE	343961210	2018-2019	24/05/2019	12/07/2019
BE	343929310	2018-2019	24/05/2019	05/07/2019
BE	343937210	2018-2019	24/05/2019	06/07/2019
BE	343924510	2018-2019	24/05/2019	04/07/2019

View File

2.5.2 – Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

Our institute is affiliated with the University of Mumbai and strictly abides by all the rules, regulations, policies, etc. devised and implemented by the University of Mumbai. The rubrics are devised for the continuous internal evaluation depending upon the marking scheme of the course and the evaluation is done accordingly. Assignments are given in the form of activities such as poster making presentation, mini-project, peer learning, etc. The theory part of the lab work is provided in the form of printed lab journal, which is referred, completed and submitted by the students to the course owner for evaluation. Two unit tests are undertaken by the students during the term. The questions in the question paper of these unit tests are mapped to the respective course outcomes along with the Bloom’s levels. Students are provided with assessed answer books to check for clarification. An automation tool, IonCudos, is used to maintain all records regarding continuous internal evaluation, which helps in calculating the course attainment level. The check

on fairness and clarity of continuous internal evaluation is done through the Academic Audit process. Sessional work: Sessional work in Architecture is detailed out in the course content for each subject, which includes drawings, sketches, reports, presentations, models as per the requirement of each semester. For every sessional work, at the end of each semester, conduction of mock tests by specialists from Industry and Academia are done to get the thorough outlooks of the projects. In a few subjects, sessional work includes class tests, seminars, presentation of reports or documentation. Design studio includes supervised design development and technical subjects include working out of technical details, reports, and documentation. All these assignments are marked and collated as internal sessional marks. In college projects seminars, hands-on workshops, and study tours are conducted.

2.5.3 – Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

Institute's Academic Calendar is prepared in compliance with the University Calendar before the commencement of a new academic session i.e. in the month of June every year. The entire curricular, co-curricular, and extra-curricular activities are planned well in advance. It includes dates of term commencement (all programs), Unit Tests, Re-Tests, Conduction of Oral, Practical, Jury, vacation slots, the commencement of Theory Examinations, the commencement of CAP, submission of college results, the commencement of new term, mid-term break, study tour, term end, Sports and Cultural Week (BONHOMIE, MASH UP), Tech Fest (FUERZA), etc. Approved Academic Calendar is shared with all the programs and students. Pedagogy: Teaching Plan, Lesson Plan, and Teaching Methodology etc. are prepared by every faculty members well in advance, before the commencement of new term. Software (Ioncudos-OBE) is provided by the institute to maintain uniformity in the process. Corrective actions are suggested by the Deans/HoDs if any. Important details are displayed on the notice boards. Academic Monitoring Committee ensures that everything is followed as per norms and the same is recorded in the Academic Audit format as per defined rubric. The outcome of the audit process is made a part of the Appraisal system. Quality Management System (QMS) in Architecture is followed for Academic Calendar, Teaching Plan, Attendance records, defaulter list, Internal sessional marking, subject monitoring.

2.6 – Student Performance and Learning Outcomes

2.6.1 – Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

https://www.aiktc.ac.in/?page_id=17835

2.6.2 – Pass percentage of students

Programme Code	Programme Name	Programme Specialization	Number of students appeared in the final year examination	Number of students passed in final year examination	Pass Percentage
343903210	BArch	Architecture	24	23	95.83
343982310	BPharm	Pharmacy	71	40	56.34
343919110	BE	Civil Engineering	127	105	82.68
343961210	BE	Mechanical Engineering	152	120	78.95
343929310	BE	Electrical Engineering	74	72	97.30

343937210	BE	Electronics and Telecommunication Engineering	127	106	83.46
343924510	BE	Computer Engineering	64	60	93.75

View File

2.7 – Student Satisfaction Survey

2.7.1 – Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

https://www.aiktc.ac.in/wp-content/uploads/2020/10/Student-Satisfaction-survey-for-A.Y.-2018_19-AQAR.pdf

CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION

3.1 – Resource Mobilization for Research

3.1.1 – Research funds sanctioned and received from various agencies, industry and other organisations

Nature of the Project	Duration	Name of the funding agency	Total grant sanctioned	Amount received during the year
Projects sponsored by the University	365	Mumbai University	15000	0

View File

3.2 – Innovation Ecosystem

3.2.1 – Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year

Title of workshop/seminar	Name of the Dept.	Date
OVERVIEW PATENT DRAFTING WORKSHOP ON PHARMACEUTICAL PRODUCT DEVELOPMENT	School of Pharmacy	15/12/2018
Skill Development Program: Awareness of Intellectual Property (In Collaboration with Indian Patent Office, Mumbai)	School of Pharmacy	17/01/2019
Antenna Design , Simulation and Testing Using ANSYS HFSS Tool	Electronics Telecommunication Engineering	02/07/2018
Expert session on Technology Business Incubators	Computer Engineering	21/12/2018
IPR and Patenting: A Practical Approach	IQAC	18/08/2018

3.2.2 – Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year

Title of the innovation	Name of Awardee	Awarding Agency	Date of award	Category
NA	NA	NA	01/07/2018	NA

View File

3.2.3 – No. of Incubation centre created, start-ups incubated on campus during the year

Incubation Center	Name	Sponsered By	Name of the Start-up	Nature of Start-up	Date of Commencement
Kalsekar Incubation Center	Kalsekar Incubation Center	Self	Kzos Group	Civil infrastructure building project	24/03/2019
Kalsekar Incubation Center	Kalsekar Incubation Center	Self	SID ELECTRICALS	Electrical services	04/01/2019

View File

3.3 – Research Publications and Awards

3.3.1 – Incentive to the teachers who receive recognition/awards

State	National	International
0	0	0

3.3.2 – Ph. Ds awarded during the year (applicable for PG College, Research Center)

Name of the Department	Number of PhD's Awarded
NA	0

3.3.3 – Research Publications in the Journals notified on UGC website during the year

Type	Department	Number of Publication	Average Impact Factor (if any)
International	Mechanical Engineering	1	3.5
International	Electronics Telecommunication Engineering	1	0.63
International	Pharmacy	6	0.97
International	HAS	1	5
International	Civil	1	0.31

View File

3.3.4 – Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year

Department	Number of Publication
School of Pharmacy	1
Humanities Applied Sciences	1
Civil Engineering	4
Mechanical Engineering	1
Electronics Telecommunication Engineering	2
School of Architecture	2

View File

3.3.5 – Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or PubMed/ Indian Citation Index

Title of the Paper	Name of Author	Title of journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citation
Design and Development of Mach Zehnder Interferometer based Optical Sensors to Detection of Arsenic compound in Drinking Water	Shaikh Afzal	International Journal of Engineering and Technology(UAE)	2018	0	AIKTC	0
A review of Griha Rating System for new green building	Ashish Srivastav, Rajendra Magar	6th International conference on Green, Globalization Governance and GST, 2-4 Feb 2018	2018	0	AIKTC	0
Decision Making For Selection Of Optimum Machinery In Mega Construction Project Using Artificial Intelligence Technique	Sakib Khan, Rajendra Magar and Mohammed Junaid Siddiqui	NICMAR-Journal of Construction Management	2018	0	AIKTC	0
“An application of best value system in construction Industry: A State of Art	Magar R.B. and Sharvari	NICMAR-Journal of Construction Management	2018	0	AIKTC	0
Facile one-pot synthesis, antibacterial activity	Prof. Firoz Khan	Chemical Data Collections	2018	0	AIKTC	3

and in silico ADME prediction of 1-substituted-1H-1,2,3,4-tetrazoles						
Comparative in vitro antidiabetic and antioxidant activity of various extracts of Ficus species.	Prof. Shaikh A	Pharmacognosy Journal	2018	0	AIKTC	6
Teratogenic effects of aqueous extract of Ficus glomerata leaf during embryonic development in zebrafish (Danio rerio).	Prof. Shaikh A	Journal of Applied Pharmaceutical Science	2018	0	AIKTC	1
Safety Assessment of Vanillic Acid: Subacute Oral Toxicity Studies in Wistar Rats.	Prof. Mirza Anwarbaig	Turkish Journal of Pharmaceutical Sciences	2018	0	AIKTC	0
Synthesis, biological evaluations and computational studies of N-(3-(-2-(7-Chloroquinolin-2-yl)vinyl) benzylidene)anilines as fungal	Prof. Firoz Khan	Bioorganic Medicinal Chemistry Letters	2018	0	AIKTC	4

biofilm inhibitors						
Analytical method development and validation of Erlotinib hydrochloride in bulk and pharmaceutical dosage form by RP-HPLC	Prof. Firoz Khan	Journal of Innovations in Applied Pharmaceutical Science	2018	0	AIKTC	0

View File

3.3.6 – h-Index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the Paper	Name of Author	Title of journal	Year of publication	h-index	Number of citations excluding self citation	Institutional affiliation as mentioned in the publication
NA	NA	NA	2018	0	0	0

View File

3.3.7 – Faculty participation in Seminars/Conferences and Symposia during the year :

Number of Faculty	International	National	State	Local
Attended/Seminars/Workshops	3	8	4	12
Presented papers	4	2	0	0
Resource persons	0	0	1	0

View File

3.4 – Extension Activities

3.4.1 – Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the activities	Organising unit/agency/ collaborating agency	Number of teachers participated in such activities	Number of students participated in such activities
Online awareness	UBA-AIKTC	19	25
Quiz	UBA-AIKTC	19	25
Village Level Survey and awareness Program	Kolakhe Grampanchayat	6	60

View File

3.4.2 – Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the activity	Award/Recognition	Awarding Bodies	Number of students

			Benefited
NA	NA	NA	0

View File

3.4.3 – Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/Agency/collaborating agency	Name of the activity	Number of teachers participated in such activites	Number of students participated in such activites
Swachh Bharat Abhiyaan	AIKTC/Rotary club of Industrial Twonship and PMC	Swachh Bharat Abhiyaan	6	68
Visit to Autism Institute (Local field trip project- Santosh Institute for mentally challenged children)	AIKTC	Visit to Autism Institute (Local field trip project- Santosh Institute for mentally challenged children)	0	5
Orphanage, Girija welfare	AIKTC, SoP	Orphanage, Girija welfare	2	12
Visit to Orphanage Pune	AIKTC, SoP	Visit to Orphanage Pune	3	52
Tree plantation drive	AIKTC in collaboration with Rotary club	AIKTC in collaboration with Rotary club	31	44
Swachh Bharat Abhiyaan	AIKTC	Swachh Bharat Abhiyaan	18	68

View File

3.5 – Collaborations

3.5.1 – Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of activity	Participant	Source of financial support	Duration
NA	NA	NA	0

View File

3.5.2 – Linkages with institutions/industries for internship, on-the- job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration From	Duration To	Participant
Internship	Internship	Fascinate Architect	10/12/2018	31/03/2019	1

Internship	Internship	I.A. Parekh	07/01/2019	27/04/2019	1
Internship	Internship	Ellora Project Consultant	05/05/2018	18/08/2018	1
Internship	Internship	Abrar Khan Architect	01/12/2018	31/03/2019	1
Internship	Internship	PHEROZE Kudianavala Consultants Engineers Pvt Ltd	10/12/2018	05/04/2019	1
Internship	Internship	MS Space Design	17/12/2018	10/04/2019	1

View File

3.5.3 – MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose/Activities	Number of students/teachers participated under MoUs
NA	01/07/2018	NA	0

View File

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES

4.1 – Physical Facilities

4.1.1 – Budget allocation, excluding salary for infrastructure augmentation during the year

Budget allocated for infrastructure augmentation	Budget utilized for infrastructure development
110.06	118.75

4.1.2 – Details of augmentation in infrastructure facilities during the year

Facilities	Existing or Newly Added
Classrooms with Wi-Fi OR LAN	Existing
Number of important equipments purchased (Greater than 1-0 lakh) during the current year	Existing
Value of the equipment purchased during the year (rs. in lakhs)	Existing
Video Centre	Existing
Seminar halls with ICT facilities	Existing
Classrooms with LCD facilities	Existing
Seminar Halls	Existing
Laboratories	Existing
Class rooms	Existing
Campus Area	Existing

View File

4.2 – Library as a Learning Resource

4.2.1 – Library is automated {Integrated Library Management System (ILMS)}

Name of the ILMS software	Nature of automation (fully or patially)	Version	Year of automation
KOHA	Fully	16.11.06.000	2011

4.2.2 – Library Services

Library Service Type	Existing		Newly Added		Total	
Text Books	19365	5326383	1133	592326	20498	5918709
Reference Books	1140	2503970	161	242487	1301	2746457
e-Books	6141	422542	0	0	6141	422542
Journals	86	1404229	0	0	86	1404229
e-Journals	132	929595	0	0	132	929595
Digital Database	2	770493	0	0	2	770493
CD & Video	806	0	0	0	806	0
Library Automation	1	0	0	0	1	0

View File

4.2.3 – E-content developed by teachers such as: e-PG- Pathshala, CEC (under e-PG- Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc

Name of the Teacher	Name of the Module	Platform on which module is developed	Date of launching e-content
No Data Entered/Not Applicable !!!			

View File

4.3 – IT Infrastructure

4.3.1 – Technology Upgradation (overall)

Type	Total Computers	Computer Lab	Internet	Browsing centers	Computer Centers	Office	Departments	Available Bandwidth (MBPS/ GBPS)	Others
Existing	597	20	50	20	20	1	7	50	0
Added	0	0	25	0	0	0	0	25	0
Total	597	20	75	20	20	1	7	75	0

4.3.2 – Bandwidth available of internet connection in the Institution (Leased line)

75 MBPS/ GBPS

4.3.3 – Facility for e-content

Name of the e-content development facility	Provide the link of the videos and media centre and recording facility
e-content development facility	https://www.aiktc.ac.in/wp-content/uploads/2020/10/eContentDevelopmentFacility.pdf

4.4 – Maintenance of Campus Infrastructure

4.4.1 – Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year

Assigned Budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurredon maintenance of physical facilites
80.01	108.59	41.62	163.03

4.4.2 – Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (maximum 500 words) (information to be available in institutional Website, provide link)

The institute has well-defined systems and procedures in place for maintaining and utilizing various physical, academic, and support facilities. The housekeeping work of the entire institute has been outsourced, which takes care of cleaning and housekeeping as per the set agreement. Maintenance of Laboratory equipment: The departmental procedures and formats are defined under the Lab Infrastructure committee for maintaining and effectively utilizing the various academic facilities like Classrooms, Laboratories, Library, Equipment's, Computer, Peripherals, Incubation Cell, Tutorial rooms, and Administration Lounge. Periodic preventive and corrective maintenance is carried out under the supervision of Lab-incharge/ lab technical staff to ensure proper working of laboratory machinery and computers. Instruments/Equipment are calibrated on regular basis. Optimum working condition of all laboratory equipment in the campus is ensured through annual maintenance contracts (AMC). Maintenance of Computers: All the computers and peripherals are maintained in house by the Server and Computer Care Centre under the Computer Engineering Department. The purchase of peripherals is carried out by standard procedure through the central store, and installation is done by the lab assistants. Maintenance of Fire Equipment: There are fire extinguishers and firefighting systems placed at appropriate strategic locations. The refilling of fire extinguishers is carried out by the vendor before its expiry date. Timely maintenance of firefighting system is carried out. Maintenance of Infrastructure: Upkeep and maintenance of infrastructural facilities are well-taken care of by the institute. The college has a Maintenance Committee which looks after the maintenance of buildings, classrooms, and laboratories. Gardens including botanical and medicinal valued plants in the institute are well maintained by the gardener under the supervision of maintenance coordinator. Pest control is carried out periodically. It includes the maintenance of Building, Garden, Plumbing, Electrical, and Furniture. Cleanliness of the departmental floors, classroom, and labs are taken care of by housekeeping staff and non-teaching staff assigned for each floor on daily basis. Washrooms and rest rooms are well maintained. Dustbins are placed on every floor, classrooms, all department admin lounge and faculty cabins. Maintenance of Drinking Water: In order to supply clean drinking water to all, RO purifiers are installed in each water cooler present on each floor. Maintenance of Electrical Equipment: Lift services and all other electrical equipment like AC, fans, etc are regularly checked to keep them in proper working conditions, by trained in-house electricians.

https://www.aiktc.ac.in/wp-content/uploads/2020/10/MaintenancePolicy.pdf

CRITERION V – STUDENT SUPPORT AND PROGRESSION

5.1 – Student Support

5.1.1 – Scholarships and Financial Support

	Name/Title of the scheme	Number of students	Amount in Rupees

Financial Support from institution	ANJUMAN-I-ISLAMS ZAKAT	282	7904854
Financial Support from Other Sources			
a) National	Scholarship/Freeship/EBC	2205	56497766
b)International	NIL	0	0
View File			

5.1.2 – Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,

Name of the capability enhancement scheme	Date of implemetation	Number of students enrolled	Agencies involved
Campus Recruitment Training (CRT)	23/07/2018	76	Training Placement Cell
View File			

5.1.3 – Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year

Year	Name of the scheme	Number of benefited students for competitive examination	Number of benefited students by career counseling activities	Number of students who have passedin the comp. exam	Number of studentsp placed
2018	Expert Lectures Seminars	0	177	0	8
View File					

5.1.4 – Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year

Total grievances received	Number of grievances redressed	Avg. number of days for grievance redressal
1	1	15

5.2 – Student Progression

5.2.1 – Details of campus placement during the year

On campus			Off campus		
Nameof organizations visited	Number of students participated	Number of stduents placed	Nameof organizations visited	Number of students participated	Number of stduents placed
Details available in attached Excel file	772	65	Details available in attached Excel file	84	60
View File					

5.2.2 – Student progression to higher education in percentage during the year

Year	Number of students	Programme graduated from	Depratment graduated from	Name of institution joined	Name of programme

	enrolling into higher education				admitted to
2018	1	BE	ETC	Atlanta University USA	MS in Computer Science

View File

5.2.3 – Students qualifying in state/ national/ international level examinations during the year (eg:NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)

Items	Number of students selected/ qualifying
GATE	1
GRE	1
TOFEL	1
Any Other	2

View File

5.2.4 – Sports and cultural activities / competitions organised at the institution level during the year

Activity	Level	Number of Participants
Bridge Structure	Intercollegiate	148

View File

5.3 – Student Participation and Activities

5.3.1 – Number of awards/medals for outstanding performance in sports/cultural activities at national/international level (award for a team event should be counted as one)

Year	Name of the award/medal	National/ Internaional	Number of awards for Sports	Number of awards for Cultural	Student ID number	Name of the student
2018	NA	National	0	0	0	Nil
2019	NA	National	0	0	0	Nil

View File

5.3.2 – Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The Institute has an active Student Council consisting of students as General Secretary, Cultural Secretary, Sports Secretary and Technical Secretary (GS, CS, SS TS), and faculty members as COST (Council of Students) Controller and Co-ordinators. Active Students' Council: • At the beginning of academic year 2018-19, a students' council is reformed by inviting applications from third year regular students for the post of GS, CS, SS TS. • Director/Registrar/Deans/HoDs/FE Controller/Core faculty members and COST Controller and previous student council select GS, CS, SS TS based on their performance on essay writing on "Why should AIKTC select you for the post of GS, CS, SS, TS?", followed by extempore round (2-minute speech) and interview with the jury comprising of the above-mentioned members. • The jury observed and rated the performances of all the applicants and selection for various posts is done as per scoring based on defined parameters. Representation of students on academic and administrative bodies: • The COST (Council Of STudents) was responsible for conducting the 2018-19 annual sports, cultural and technical events of the institute called BONHOMIE, FUERZA, and MASHUP. • Various activities were conducted by the students under the aegis of the Center for Social Innovation NSS (CSINSS). • Extra coaching sessions for the ATKT

students in some courses like Applied Mathematics, Engineering Mechanics and Structured Programming Approach was facilitated by COST. • Planned and organized sessions for the students from the vernacular medium to improve their spoken English skills. • COST was involved in conducting different social activities like eye testing camps, blood donation camps, collecting funds for financially weak students, volunteering during the admission process. • Students are also involved in some administrative bodies of the institute such as IQAC, Food and Hygiene committee, Alumni association etc. • At department levels, different student bodies are made for conducting various activities under Programmers Club, CESA, EESA, IET Association, MESA, Friday Forum, Drug Information Association, etc.

5.4 – Alumni Engagement

5.4.1 – Whether the institution has registered Alumni Association?

Yes

The Institute has registered Alumni Associations with Registration No. MH/577/2018, MH/578/2018, and MH/579/2018. Alumni Associations have organized career development and technical development sessions. It has played an important role during students' orientation programs and guided the students in the design and composition of contents and graphical representation for students' magazine. It provides leads to students' placements and internships. Alumnus has financially contributed to students' development.

5.4.2 – No. of enrolled Alumni:

530

5.4.3 – Alumni contribution during the year (in Rupees) :

17500

5.4.4 – Meetings/activities organized by Alumni Association :

Centralized in the month of April 2019

CRITERION VI – GOVERNANCE, LEADERSHIP AND MANAGEMENT

6.1 – Institutional Vision and Leadership

6.1.1 – Mention two practices of decentralization and participative management during the last year (maximum 500 words)

• 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, extracurricular, 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. Case 1: Student Admission Process: • Admission process planning is initiated at least four months prior to the start of the Admission process. • Two important teams viz, Core Admission Team, and Branding Team are formed. • Each of these teams is headed by a faculty Controller. • Team members (School/dept coordinators) are drawn from each school/department. • Core Admission Team is focused on admission related activities that include connecting with prospective students, helping them during the process of admission. • Branding Team focusses on highlighting strengths of the institute through different platforms of visibility (Both physical and virtual) Case 2: Examination Process: • Dean of different Schools

appoints Examiners for University Examinations of SEM I to SEM VI in consultation with Controller of Exam AIKTC and Exam Coordinator followed by final approval of the same by Director, AIKTC. • Exam Conduction team is formed that includes Senior Supervisor, Understudy Supervisor, and Peon. • Senior Supervisor prepares a schedule of Junior Supervisor duty in consultation with Exam Coordinator followed by Approval of Controller of Exam, respective Dean, and final approval by Chief Conductor. • Vigilance Staff as per University Guidelines is appointed by Chief Conductor in consultation with heads and Controller of Exam for preventing misconduct during exams. • CAP Coordinator is appointed in consultation with Controller of Exam and the list is conveyed to Exam Coordinator. • Exam Coordinator and Exam Clerk assist the CAP Coordinator in Smooth Conduction of CAP activities and CAP report of the same is forwarded by CAP Coordinator to Chief Conductor, Controller of Exam, and respective heads. • Gazette preparation done after submission of CAP Data to Exam Cell and verification is carried out by Exam Coordinator. Post verification, Gazette is submitted as hard copy to University before the stipulated time. • Result Preparation is done once results are released by University followed by Grade card preparation by Exam Clerk and Verification by Exam Coordinator signing of grade card by Director, Exam Controller, and Dean School of Pharmacy.

6.1.2 – Does the institution have a Management Information System (MIS)?

Yes

6.2 – Strategy Development and Deployment

6.2.1 – Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

Strategy Type	Details
Curriculum Development	Outcome Based Education (OBE) philosophy is deeply integrated into the educational model of the institute. Outcomes at different levels of hierarchy are clearly defined and assessed. Outcomes for each program (PO) and for each course (CO) are defined well in advance. During the process of drafting these outcomes, special attention is given to align these with the institute Vision and Mission. Various guidelines given by statutory bodies such as AICTE, UGC as well accreditation bodies such as NBA are taken into consideration. Each School and department offers professional core and elective courses. Institute gives a lot of emphasis on offering value added courses and general proficiency courses for the overall development of students. These include technical value-added courses as well as soft skill courses. Institute actively promotes Student Internships which can be mapped to different courses. In this regard, it has signed several MoU with participating industries. Although being an affiliated institution, the University provides courses CO however these are reviewed and any additions

	are discussed at Internal Course review meetings. Institute has a structured mechanism to obtain feedback/inputs from students regarding the curriculum.
Teaching and Learning	The institute prepares an academic calendar well before the start of academic session. The process starts with circulation of draft calendar to school/department. The calendar has complete structure of academic session that includes commencement dates, declaration of result of the examination, vacation, sports and cultural activities, industry visit and guest lectures, feedback schedule and academic audit. Teaching plan for each course is prepared well in advance prior to start of semester. The process involves draft presentation to School/Department heads which outlines the units, teaching methodology and any content beyond component. Once finalized, teaching plan is shared with students. A proper implementation and close monitoring of teaching plan is ensured by school/department head by various audit mechanism. The institute encourages Schools/departments to connect students with domain experts by conducting expert lectures by faculty from IITs, reputed academic institutes (National or International) and industry experts. There is strong emphasis on using virtual and classroom blended learning using different virtual learning platforms such as MOOCs, Google class rooms, NMEICT (IITB), skill courses, NPTEL lectures and Virtual labs. School and department plans and conducts student educational tour with a clear focus on subject learning.
Examination and Evaluation	The institute has a centralized Exam cell headed by the Controller of Examination (CoE). The process of examination is facilitated by the MIS system for implementation of some critical exam related activities. Conduction team is formed as per the guidelines provided by University and is headed by Chief Conductor for smooth conduction of examination. In addition to End term exam, students are regularly evaluated using a Continuous Internal Assessment framework by course owners. Student grievances are resolved by Exam Committee. Institute ensures

	that all assessment related work is completed in a timely manner as stipulated by University.
Research and Development	Institute has a dedicated Center for Research and Development for the purpose of facilitating and monitoring research. There are well-defined policies in this regard that are reviewed regularly by governance bodies. Students are motivated and supported financially to present their project/research at domain-specific appropriate forums (Tech competitions, National/International conferences). Financial assistance is in place to motivate faculty for quality research. In summary, a vibrant, supportive ecosystem is in place to facilitate meaningful Research and Development work at institution. The institute has an approved research center for Ph.D. under the University of Mumbai in Civil Engineering.
Library, ICT and Physical Infrastructure / Instrumentation	Central Library started functioning from 2011. It is also known as the Knowledge Resources Relay Centre (KRRC). It is a fully automated library which operates using KOHA (Open Source Software). It is located on the second floor of the building with an area of 700 sq.m. It offers a well-lit and encouraging environment for study and research-related work. The Library staff encourages lifelong learning, while working to instills love of reading into the students. Library programs includes Book Exhibitions, Book Display, etc. The library collection can be searched online through the WebOPAC – online catalog. In addition, it also provides online access to the Institutional Repository (IR) – Dspace@AIKTC, which includes syllabus copies, Question Papers, Project Reports, etc. The abstracts of the papers published by the faculties are also accessible through the IR.
Human Resource Management	There are defined policies for various HR-related domains such as recruitment, leave, appraisal. All these relevant policies in the form of an HR handbook is posted on the institute website for quick reference. New faculty recruits undergo an orientation program to acclimatize with the functioning as well as the working culture of the organization. A clear and transparent

	appraisal system is in place that becomes a framework for an objective appraisal. HR-related grievances are addressed with utmost urgency and under a defined framework. A special women's redressal cell is formed to address women's workplace-related issues.
Industry Interaction / Collaboration	Expert talks with various industry experts in different domains to know more about current themes and technology. Memorandum of Understanding (MoU) signed with various industry/academic partners for collaboration in different activities. Active Incubation cell to nurture and develop student-led startups. Institute offers consultancy and testing facilities in different domains of engineering, structural design, and pharmaceutical drug analysis/testing.
Admission of Students	The Admission process is centralized and managed by the Admission Regulating Authority (DTE/Maharashtra State Admission Cell). Institute prepares brochures, banners, newsletters to showcase the strength, best practices. DTE Admission cell approves Admission Facilitation Center through which all prospective students are counseled for the Admission process by Faculty Staff. All admission-related queries are resolved on a priority basis by Admission connect team either by in-person interaction, telephonically, or website chat response feature.

6.2.2 – Implementation of e-governance in areas of operations:

E-governace area	Details
Planning and Development	A well structured Academic Calendar is released at the start of the academic session. This includes important dates such as the start of the session, holidays, internal and end semester examinations, etc. This calendar is integrated into the OBE management system where faculty plan their academic sessions. The academic calendar is uploaded on the institute website and disseminated to students as well via email. To facilitate efficient event reporting, the institute has designed an internal software that serves as a configured database from all relevant stakeholders including faculty can upload important events as well as retrieve them. (G-suite enabled features assisting in curriculum

	delivery evaluation)
Administration	A well structured Academic Calendar is released at the start of the academic session. This includes important dates such as the start of the session, holidays, internal and end semester examinations. This calendar is integrated into the OBE management system where faculty plans their academic session. The academic calendar is uploaded on the institute website and disseminated to students. To facilitate efficient event reporting, the institute has designed an internal software that serves as a configured database from all relevant stakeholders including faculty. A person can upload important events as well as retrieve them. Institute has a G-suite account which helps in academic planning and implementation through tools such as Google classroom, etc.
Finance and Accounts	All staff salaries are directly credited to their respective bank accounts. Student scholarships are also either credited directly to their respective account or institute account as applicable. All internal transactions are automated, an integrated Tally software is used.
Student Admission and Support	All admission related information is uploaded on the website on regular basis. Although the admission process is entirely managed by DTE, regular updates, notices are displayed on the website as well as the students are informed directly via SMS. During the admission process, student-specific information (Admission confirmation, waitlist) is directly conveyed via SMS. There is a provision of live chat on the website through which the concerned members of the admission team help those who want to know more about the admission process or the institute. Every faculty member has been allotted with 20 to 25 mentees, the communication to those mentees is done through the WhatsApp group created for this purpose. There is an OPAC system in the library that helps the students to know the status of a particular book of their choice. The students can issue a request for reserving a specific book that is issued by someone through this open access system.

Examination	For sharing the information of exam related activities such as dates of exam form filling, revaluation, result declaration, etc, a blog is created. The link to this blog is kept on the website of the institute. All exam related information is regularly posted on the institute website through the blog. Online application filling process along with fee payment is enabled in some cases of need, especially for backlog students. The post-exam activities such as preparation of Gazettes, mark sheet, etc are completed through software.

6.3 – Faculty Empowerment Strategies

6.3.1 – Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year

Year	Name of Teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support
2019	Varsha Pawar	F.D.P on Student induction programme	NA	2500
2018	Taib Quraishi	Technical Writing	NA	250
2018	Prof. Fauwaz Parkar	Applications of Building Information Modelling (BIM) in construction	NA	2000
2018	Prof. Murtuza .A. Khandwawala	IMRF journal publication conf	NA	2500
2018	Prof. Umesh Jadhav	CE-QIP on Intoduction to BIM applications	NA	6490
2019	Dr. Rajendra Magar	National Conference Exploring New Dimension in Teaching and Learning for Quality Education	NA	2500
2019	Prof. Tabrez Khan	National Conference Exploring New Dimension in Teaching and	NA	2500

		Learning for Quality Education		
2019	Prof. Kaleem Syed	National Conference Exploring New Dimension in Teaching and Learning for Quality Education	NA	2500
2019	Prof. Shaikh Afzal	National Conference Exploring New Dimension in Teaching and Learning for Quality Education	NA	2500
2019	Prof. Zakir Ansari	National Conference Exploring New Dimension in Teaching and Learning for Quality Education	NA	2500

View File

6.3.2 – Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year

Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	From date	To Date	Number of participants (Teaching staff)	Number of participants (non-teaching staff)
2019	NAAC awareness cum refresher proogram for faculties and staff	NAAC awareness cum refresher proogram for faculties and staff	20/03/2019	20/03/2019	120	99
2018	Expert Session 1 on NAAC		13/07/2018	13/07/2018	77	0
2018	Expert Session 2 on NAAC		18/08/2018	18/08/2018	76	0
2019	NPTEL AWARENESS PROGRAM		11/01/2019	11/01/2019	78	0

2018	Expert Session on incubation and Start-up, Bussiness Incubation		21/12/2018	21/12/2018	78	0

No file uploaded.

6.3.3 – No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year

Title of the professional development programme	Number of teachers who attended	From Date	To date	Duration
INTRODUCTION TO RESEARCH	1	20/02/2019	27/04/2019	66
Advanced Linear continuous control system	1	16/08/2018	26/10/2018	76

View File

6.3.4 – Faculty and Staff recruitment (no. for permanent recruitment):

Teaching		Non-teaching	
Permanent	Full Time	Permanent	Full Time
0	3	0	0

6.3.5 – Welfare schemes for

Teaching	Non-teaching	Students
0	0	0

6.4 – Financial Management and Resource Mobilization

6.4.1 – Institution conducts internal and external financial audits regularly (with in 100 words each)

The parent Society has appointed M/s Shagvi Shagvi Associate as Chartered Accountants for the institution. Internal Financial audits are carried out at least once a year by M/s Shagvi Shagvi Associate (Chartered Accountants) and External Financial Audits are carried out by the Head Office of Anjuman-I-Islam through Merchant Babaria Chartered Accountant LLP. The Internal Audits were carried out and completed as follows: For the year 2018-19: Dated 19/08/2019

6.4.2 – Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)

Name of the non government funding agencies /individuals	Funds/ Grnats received in Rs.	Purpose
NA	0	NA

View File

6.4.3 – Total corpus fund generated

0

6.5 – Internal Quality Assurance System

6.5.1 – Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	No		Yes	IQAC
Administrative	Yes	University of Mumbai		

6.5.2 – Activities and support from the Parent – Teacher Association (at least three)

1. Faculty mentor program strengthened to communicate progress, issues of students. 2. Monthly attendance defaulter list sent to parents to update and discuss any attendance related issues. 3. Parent-Teacher Meeting conducted to communicate and discuss with parents at a broader level. Parents meets are conducted on regular basis and the feedback from the parents is taken. The critical areas as highlighted by the parents for the development of the students and improvement in the institute/department functioning are discussed and appropriate actions are taken in this regard.

6.5.3 – Development programmes for support staff (at least three)

1. Technical training program (Instrument operation, maintenance-related). 2. MS-Office based office proficiency Skills workshops. 3. Communication skills and Professional Etiquettes related workshops. 4. Active support for pursuing higher studies.

6.5.4 – Post Accreditation initiative(s) (mention at least three)

1. More emphasis on the use of ICT tools. 2. Training on skill development for students. 3. More focus on research and publication.

6.5.5 – Internal Quality Assurance System Details

a) Submission of Data for AISHE portal	Yes
b)Participation in NIRF	Yes
c)ISO certification	No
d)NBA or any other quality audit	No

6.5.6 – Number of Quality Initiatives undertaken during the year

Year	Name of quality initiative by IQAC	Date of conducting IQAC	Duration From	Duration To	Number of participants
2018	NAAC Awareness Program	13/07/2018	13/07/2018	13/07/2018	77
2019	Awareness Program on online NPTEL Certification Courses	11/01/2019	11/01/2019	11/01/2019	75
2018	IPR and Patenting: A Practical Approach	18/08/2018	18/08/2018	18/08/2018	100
2019	NAAC Awareness Program	20/03/2019	20/03/2019	20/03/2019	219
2018	NBA	18/08/2018	18/08/2018	18/08/2018	76

	Awareness Program				
2018	Expert session on Technology Business Incubators	21/12/2018	21/12/2018	21/12/2018	44
2018	CRT Training Program for Students	16/08/2018	16/08/2018	18/08/2018	211
2018	Participation in NIRF	10/11/2018	10/11/2018	10/11/2018	150
2019	Academic Audit	22/12/2018	22/12/2018	06/05/2019	150
2019	Unnat Bharat Abhiyan	22/02/2019	22/02/2019	04/03/2019	564

View File

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES

7.1 – Institutional Values and Social Responsibilities

7.1.1 – Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)

Title of the programme	Period from	Period To	Number of Participants	
			Female	Male
Talk on health care and hygiene of woman	08/03/2019	08/03/2019	190	0
Wellness Campus	25/09/2019	25/09/2019	34	0

7.1.2 – Environmental Consciousness and Sustainability/Alternate Energy initiatives such as:

Percentage of power requirement of the University met by the renewable energy sources
0

7.1.3 – Differently abled (Divyangjan) friendliness

Item facilities	Yes/No	Number of beneficiaries
Physical facilities	Yes	1
Provision for lift	Yes	1
Ramp/Rails	Yes	1
Braille Software/facilities	Yes	0
Rest Rooms	Yes	2
Scribes for examination	Yes	2

7.1.4 – Inclusion and Situatedness

Year	Number of initiatives to address	Number of initiatives taken to	Date	Duration	Name of initiative	Issues addressed	Number of participating students

	locational advantages and disadvantages	engage with and contribute to local community					and staff
2018	1	0	18/12/2018	1	Village Level Survey	Issues related to hospital, water supply, forestration etc	7
2019	1	0	22/02/2019	1	Household survey and health awareness drive at Peth village	Health issues, migration, issues related to electricity, water supply etc	64
2019	1	0	02/03/2019	1	Household survey and health awareness drive at Palaspe village	Health issues, migration, issues related to electricity, water supply etc	65
2019	1	0	30/03/2019	1	Household survey and health awareness drive at Kudave village	Health issues, migration, issues related to electricity, water supply etc	66
2019	1	0	22/02/2019	1	Village Level Survey at Bherle	Issues related to hospital, water supply, forestration etc	64
2019	1	0	22/02/2019	1	Village Level Survey at Ajivali	Issues related to sanitation and sewage,	54

						water supply, agriculture holdings etc	
2018	1	0	25/09/2018	3	Hepatitis B Vaccination	Hepatitis B vaccination for students, locals and staff	64
2019	1	0	04/04/2019	1	Village level and household level survey at Kolkhe,Panvel	Issues related to rapid urbanisation,deforestation, migration	63
2019	1	0	12/03/2019	1	Village level and household level survey at Deravali, Panvel	Issues related to rapid urbanisation,deforestation, migration	188
2019	1	0	12/03/2019	1	Village level and household level survey at Kon,Panvel	Issues related to rapid urbanisation,deforestation, migration	136

View File

7.1.5 – Human Values and Professional Ethics Code of conduct (handbooks) for various stakeholders

Title	Date of publication	Follow up(max 100 words)
Dress code code of conduct for students	16/04/2018	Dress code for students.Prohibition of unnecessary use of Mobile phones and other gadgets etc.
Important Guidelines for FE Students and Their Parents	29/08/2018	Instructions following Dress code, Attendance Criteria and Examination related information.

7.1.6 – Activities conducted for promotion of universal Values and Ethics

Activity	Duration From	Duration To	Number of participants
Visit to Orphanage	28/09/2018	28/09/2018	56
Food and cloth distribution to needy and poor	15/09/2018	15/09/2018	12

Visit to Old Age Mercy Home	08/08/2018	08/08/2018	35

View File

7.1.7 – Initiatives taken by the institution to make the campus eco-friendly (at least five)

1-Tree Plantation Activity 2-Terrace Garden Based on Kitchen waste 3- Rain Water Harvesting 4- Solar Panel 5- Waste Management System (Solid, Liquid and e-Waste)

7.2 – Best Practices

7.2.1 – Describe at least two institutional best practices

Title: Streamlining Administrative and Teaching-Learning activities. Objectives of the Practice: • Preparing standard operating procedures and formats for various Administrative activities. • Preparing standard operating procedures and formats for various Teaching-Learning activities. Context: • It was observed that most of the activities were completed using non-procedural and without any proper processes. • Various departments and schools were following their own formats which led to a non-uniform approach for task completion. • In order to ensure qualitative and uniform processes for all activities, procedures, and formats are devised. The Practice: In order to streamline the administrative and academic activities, a total of fourteen (14) committees were formed in every department. These committees are authorized to form departmental procedures (DPs) and related formats. The same was presented by the concerned committee before IQAC for final approval and the same was released to every department and section. Whenever it seems to revise and improve the procedure or format the respective committees are authorized to do so. After revision, approval is taken from IQAC and then it gets published and released to all concerned departments and sections. Even a new faculty or staff can easily understand the procedures and formats, for proper functioning in the areas of academic and administrative activities, just by referring them. The fourteen (14) committees are: 1. Project Committee 2. Feedback and Audit Committee 3. Placement and Higher Studies Committee 4. Faculty Portfolio Committee 5. Quality Assurance Committee 6. Budget Committee 7. Archival and E-Learning Committee 8. Infra and Lab Committee 9. Research Committee 10. Industry Interaction Committee 11. Teaching-Learning Committee 12. Examination Committee 13. CO Attainment Committee 14. Attendance Committee Evidence of Success: • It was observed that the non-uniformity among the departments were minimized regarding the implementation of various activities. • Well-defined procedures and formats led to the streamlining of administrative and academic activities. Problems Encountered: • It took lot of man hours for devising the procedures and formats for all the activities. • Implementation and compliance are a concern. Title: 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 discouragement. • A scientific approach towards appraisal shall allow the institute to modify appraisal points in order to get more from faculty and staff towards required thrust areas. • To cultivate and nourish the sense of healthy performance-based competition among the faculty and staff. 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 varying DA 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 explained to all faculty members and staff well in advance to motivate 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 said revision into the appraisal system has given due importance to performances in the thrust areas. • Faculty and staff are found glad and satisfied due to the transparent and scientific approach of the revised appraisal system. Problems Encountered: • It took lot of man hours for devising the weighted parameters along with rubrics. • Verification of the claimed activities is an exhausting task.

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

https://www.aiktc.ac.in/wp-content/uploads/2020/10/7.2.1-BEST-PRACTICES.pdf

7.3 – Institutional Distinctiveness

7.3.1 – Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust in not more than 500 words

Title: Holistic development of students for making them exuberant technical professionals. Students admitted to our programs come from varied social, economical, 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 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 advisor to the society, competitions kept on poster making and model making. Financial Assistance: The institute support and guide 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 non-government 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: Apart from the mentoring system, the institute has hired an external agency named as Centre for Assessment, Remediation and Therapy (CART) working under Human Resources Centre for Achievement, Reformation and Excellence (HR-CARE). The agency conducts survey on academic and mental health.

A report is then submitted to the departments. The same report is considered while dealing with the students. Mentoring done by faculty members and selected students diverted to the agency personnel for counselling.

Provide the weblink of the institution

https://www.aiktc.ac.in/wp-content/uploads/2020/10/7.3.1-Institutional-Distinctiveness.pdf

8.Future Plans of Actions for Next Academic Year

A) NAAC preparedness and its Certification: In view of NAAC SSR preparation and submission, various criteria-wise committees should be formed. Subsequently, with the efforts of all the coordinators, faculty members, and steering team, SSR shall be submitted before the end of the academic year. In order to prepare for the NAAC peer team visit, a MOCK visit shall be scheduled. B) Placement activity: Campus placement is the most important activity of any institute and the rate of successful campus placement is one of the key parameters of any institute ranking. To improve upon the placement activity institute has planned the following line of action. a) Regular Industry Meet: Some of the top industry experts will be invited to visit the campus on a regular basis to interact with the students. They will share their opinions and guidance with the students on the latest job skills that the industries look for in a candidate. Efforts will be made for MoUs with industry for Industry-Institute interaction. b) Pre-placement training: Regular sessions on campus placement training shall be conducted for the students. The main objective of conducting these pre-placement training sessions is to make the students aware of the placement process. These campus placement training sessions help students with their confidence during the placement drives. c) Regular Alumni meet and Enhancing Alumni Network: To strengthen the relations with alumni and all other stakeholders', alumni meet will be organized on yearly basis. Expert talks will be conducted by Alumni Entrepreneurs and students will be encouraged to undergo internships. C) To improve upon Research Publication: a) Embed research culture at an institutional level: Efforts will be taken in highlighting the importance of research culture and engage all staff by hosting research seminars and workshops, presentations, and panel discussions. b) Effective implementation of Research and Publication Policy: More awareness will be provided regarding the existing research policy of the Institute. D) Strengthening NSS activities: NSS and extension activities will be enhanced. Faculties and students will be encouraged to take part in various NSS and extension activities. Various activities to be planned and conducted by the students under the aegis of the Centre for Social Innovation NSS (CSINSS).