

ANNUAL QUALITY ASSURANCE REPORT (AQAR) 2015-16

Submitted by



Toc H INSTITUTE OF SCIENCE & TECHNOLOGY

ARAKKUNNAM, ERNAKULAM, KERALA

to

**NATIONAL ASSESSMENT AND
ACCREDITATION COUNCIL BANGALORE**

Part – A

1. Details of the Institution

1.1 Name of the Institution

Toc H INSTITUTE OF SCIENCE & TECHNOLOGY

1.2 Address Line 1

ARAKKUNNAM

Address Line 2

ERNAKULAM

City/Town

COCHIN

State

KERALA

Pin Code

682 313

Institution e-mail address

mail@tistcochin.edu.in

Contact Nos.

(0484) 2748388, 2749600, 2738126

Name of the Head of the Institution:

Prof. (Dr.) D. Vincent H Wilson

Tel. No. with STD Code:

(0484) 2748388, 2749600, 2738126

Mobile:

9946509900

Name of the IQAC Co-ordinator:

Dr. P.I. Paulose

Mobile:

9447814645

IQAC e-mail address:

naac.tist@gmail.com

1.3 NAAC Track ID (For ex. MHCOGN 18879)

KLCOGN 14671

1.4 NAAC Executive Committee No. & Date:

(For Example EC/32/A&A/143 dated 3-5-2004.

This EC no. is available in the right corner- bottom of your institution's Accreditation Certificate)

EC/59/A&A/59 dated 21-4-2012

1.5 Website address:

www.tistcochin.edu.in

Web-link of the AQAR:

http://tistcochin.edu.in/committees_and_cells/

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	B	2.71	2012	2012-2017

1.7 Date of Establishment of IQAC :

DD/MM/YYYY

21/06/2010

1.8 AQAR for the year (for example 2010-11)

2015-16

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011)

- i. AQAR 2012 -13 submitted to NAAC on 31-07-2013
- ii. AQAR 2013 -14 submitted to NAAC on 11-07-2018
- iii. AQAR 2014 -15 submitted to NAAC on 11-07-2018

1.10 Institutional Status

University

State Central Deemed Private

Affiliated College

Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes No
 (eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education Men Women
 Urban Rural Tribal

Financial Status Grant-in-aid UGC 2(f) UGC 12B
 Grant-in-aid + Self Financing Totally Self-financing

1.11 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

1.12 Name of the Affiliating University (*for the Colleges*)

COCHIN UNIVERSITY OF SCIENCE & TECHNOLOGY
 A P J ABDUL KALAM UNIVERSITY

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc

Autonomy by State/Central Govt. / University

University with Potential for Excellence UGC-CPE

DST Star Scheme UGC-CE

UGC-Special Assistance Programme DST-FIST

UGC-Innovative PG programmes

Any other (Specify)

UGC-COP Programmes

2. IQAC Composition and Activities

2.1 No. of Teachers

9

2.2 No. of Administrative/Technical staff

1

2.3 No. of students

0

2.4 No. of Management representatives

0

2.5 No. of Alumni

0

2.6 No. of any other stakeholder and
community representatives

1

2.7 No. of Employers/ Industrialists

0

2.8 No. of other External Experts

1

2.9 Total No. of members

12

2.10 No. of IQAC meetings held

03

2.11 No. of meetings with various stakeholders:

No.

0

Faculty

Non-Teaching Staff

0

Students

0

Alumni

0

Others

0

2.12 Has IQAC received any funding from UGC during the year?

Yes

No

If yes, mention the amount

2.13 Seminars and Conferences (only quality related)

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

Total Nos.

International

National

State

Institution Level

(ii) Themes

2.14 Significant Activities and contributions made by IQAC

IQAC suggested IEDC for promoting Entrepreneurship among the students.
MBA department has taken initiatives for the collaboration with International Universities

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year *

Plan of Action	Achievements
<ul style="list-style-type: none"> Real time Project for students 	<ul style="list-style-type: none"> Real Time Projects are included in final year projects
<ul style="list-style-type: none"> Consultancy 	<ul style="list-style-type: none"> Initiatives are taken for the improvement of consultancy work by all department
<ul style="list-style-type: none"> Entrepreneurship 	<ul style="list-style-type: none"> IQAC suggested IEDC for promoting Entrepreneurship among the students.
<ul style="list-style-type: none"> MoU with foreign University 	<ul style="list-style-type: none"> MBA department has taken initiatives for the collaboration with International Universities
<ul style="list-style-type: none"> KTU Result 	<ul style="list-style-type: none"> Remedial classes are arranged for weak students and individual attention has given for each students. In Time Table Additional 30 minutes are provided everyday for remedial class
<ul style="list-style-type: none"> NBA Accreditation 	<ul style="list-style-type: none"> Departments has taken the initiatives to complete the NBA work as early as possible
<ul style="list-style-type: none"> FDPs 	<ul style="list-style-type: none"> All departments arranged FDPs during semester break
<ul style="list-style-type: none"> Representation from each department to IQAC 	<ul style="list-style-type: none"> One member from each department was incorporated to IQAC Cell

* Attach the Academic Calendar of the year as Annexure.

2.15 Whether the AQAR was placed in statutory body

Yes No

Management Syndicate Any other body

Part – B

Criterion – I

1. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	0	0	0	0
PG	8	0	8	0
UG	7	0	7	0
PG Diploma	0	0	0	0
Advanced Diploma	0	0	0	0
Diploma	0	0	0	0
Certificate	0	0	0	0
Others	0	0	0	0
Total	15	0	15	0
Interdisciplinary				
Innovative				

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	15
Trimester	0
Annual	0

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

Mode of feedback : Online Manual Co-operating schools (for PEI)

**Please provide an analysis of the feedback in the Annexure*

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

College has affiliated to A P J ABDUL KALAM UNIVERSITY

1.5 Any new Department/Centre introduced during the year. If yes, give details.

NO

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty	Total	Asst. Professors	Associate Professors	Professors	Others
	172	137	12	23	0

2.2 No. of permanent faculty with Ph.D.

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year	Asst. Professors		Associate Professors		Professors		Others		Total	
	R	V	R	V	R	V	R	V	R	V
	12		4		3		0		19	

2.4 No. of Guest and Visiting faculty and Temporary faculty

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	20	23	2
Presented papers	14	9	0
Resource Persons	0	1	7

2.6 Innovative processes adopted by the institution in Teaching and Learning:

- Outcome Based Education(OBE)
- **IUCEE** live webinars were conducted on topics like Pathways to Innovation, Students involvement in Engineering Education, etc.

2.7 Total No. of actual teaching days during this academic year

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

2.10 Average percentage of attendance of students

2.11 Course/Programme wise distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
MTECH (VSI And Embedded Systems Design)	17	76.47	17.64	0	0	94.11
MTECH Wireless Technology)	17	94.11	5.88	0	0	100
MBA	48	2.1	89.6	0	0	91.7
MTECH(Computer Science & Engineering-Data Security)	18	89	0	0	0	89
MTECH (Power Electronics)	19	89.47	10.52	0	0	100
MTECH(Thermal Engineering)	9	77.77	0	0	0	77.77
MTECH (Construction Engineering And Management)	24	58	8	0	0	66.7
BTECH(Electrical & Electronics Engineering)	64	12.5	57.81	1.5	0	71.87
BTECH(Electronics & Communication Engineering)	128	10.93	53.9	0	0	64.84
BTECH(Civil Engineering)	65	32.3	38.46	0	0	70.8
BTECH(Information Technology)	52	9.61	42.3	0	0	52
BTECH(Mechanical Engineering)	69	10.14	56.52	0	0	66.67
BTECH(Computer Science & Engineering)	60	13	62	0	0	75
BTECH(Safety and Fire Engineering)	63	7.9	25.4	12.7	0	46

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes :

Facilitating the creation of a Learner-centric environment conducive to quality education and faculty maturation to adopt the required knowledge & technology for participatory Teaching and Learning Process.

Arrangement for feedback response from students, parents and other stakeholders on quality related institutional process

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	22
UGC – Faculty Improvement Programme	0
HRD programmes	0
Orientation programmes	1
Faculty exchange programme	0
Staff training conducted by the university	13
Staff training conducted by other institutions	23
Summer / Winter schools, Workshops, etc.	20
Others	2

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	84			
Technical Staff	84			

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

- Organization of Inter and Intra Institutional workshops, seminars on Quality related themes and promotion of quality circles.
- IQAC encourage teachers to publish papers in National & International Journals.
- All departments have been encouraged for doing Research

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	3	1	-	-
Outlay in Rs. Lakhs	-	1.425	1	-

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	0	0	0	0
Outlay in Rs. Lakhs	0	0	0	0

3.4 **Details on research publications**

	International	National	Others
Peer Review Journals	1		
Non-Peer Review Journals			
e-Journals	63		
Conference proceedings			

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant Sanctioned (Lakhs)	Received (Lakhs)
Major projects	2012-2016	Department of Science & Technology, Govt. of India	54.292	16.94430
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects <i>(other than compulsory by the University)</i>				
Any other(Specify)				
Total			54.292	16.94430

3.7 No. of books published i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP CAS DST-FIST
DPE DBT Scheme/funds

3.9 For colleges Autonomy CPE DBT Star Scheme

INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	3				
Sponsoring agencies					

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency From Management of University/College
 Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	0
	Granted	0
International	Applied	0
	Granted	0
Commercialised	Applied	0
	Granted	0

3.17 No. of research awards/ recognitions received by faculty and research fellows Of the institute in the year

Total	International	National	State	University	Dist	College
0						

3.18 No. of faculty from the Institution who are Ph. D. Guides
 and students registered under them

3.19 No. of Ph.D. awarded by faculty from the Institution

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level	<input type="text" value="50"/>	State level	<input type="text" value="0"/>
National level	<input type="text" value="0"/>	International level	<input type="text" value="0"/>

3.22 No. of students participated in NCC events:

University level	<input type="text" value="0"/>	State level	<input type="text" value="0"/>
National level	<input type="text" value="0"/>	International level	<input type="text" value="0"/>

3.23 No. of Awards won in NSS:

University level	<input type="text" value="0"/>	State level	<input type="text" value="0"/>
National level	<input type="text" value="0"/>	International level	<input type="text" value="0"/>

3.24 No. of Awards won in NCC:

University level	<input type="text" value="0"/>	State level	<input type="text" value="0"/>
National level	<input type="text" value="0"/>	International level	<input type="text" value="0"/>

3.25 No. of Extension activities organized

University forum	<input type="text"/>	College forum	<input type="text"/>
NCC	<input type="text"/>	NSS	<input type="text" value="11"/>
		Any other	<input type="text"/>

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- Educational aids worth Rs 5000 were distributed to 30 students from economically backward family in association with social justice forum, Piravom chapter.
- Two day blood donation drive was organized by NSS in association with IMA and Amritha Hospital, Ernakulam. 205 units of blood was collected.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	26.6Acres			26.6Acres
Class rooms	46	2		48
Laboratories	46	4		50

Seminar Halls	5	0	Management	5
No. of important equipments purchased (\geq 1-0 lakh) during the current year.				
Value of the equipment purchased during the year (Rs. in Lakhs)		26.76		
Others				

4.2 Computerization of administration and library

- Fully Computerised library.
- NPTEL Videos, DELNET & IEEE E-learning materials are available.

4.3 Library services:

	Existing		Newly added		Total		
	No.	Value	No.	Value	No.	Value	
Text Books	29727	11872413	2296	1104581	32023	12976994	
Reference Books	10597	4786000	973	564688	11570	5350688	
e-Books	e books from e journals ,DELNET &NDL Library						
Journals	1093	1521931	159	296772	1252	1818703	
e-Journals		5777782	6	2634054		8411836	
Digital Database	Seminar Report	486	0	109	0	595	0
	Project Report	567	0	92	0	659	0
	Question Papers	288	0	57	0	345	0
CD & Video	1286	0	97		1383		
Others (specify)	2000	0	(2 .5tb HARD DISK COPY)				

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	626	14	25Mbps	1	1	1	11	
Added	11	0	12Mbps					
Total	607	14	29Mbps	1	1	1	11	

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

- Every Department is equipped with Computer with Printer and Internet access.
- Wi-Fi Enabled Campus.
- On seniority basis Laptops are given for Faculty.
- Faculty can store their Data in College Server.

4.6 Amount spent on maintenance in lakhs :

i) ICT

ii) Campus Infrastructure and facilities

iii) Equipments

iv) Others

Total :

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

Placement cell Enhance the training for the Final year students
 IQAC motivate the students to involve in College activities

5.2 Efforts made by the institution for tracking the progression

Personal guidance and Academic Guidance is offered through mentors
 Each class has at least 2 class teachers and they monitor the student Activity. They encourage Weak students to attend Remedial Class

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
1916	261		

(b) No. of students outside the state

(c) No. of international students

Men	No	%	Women	No	%
	1271	58.43		904	41.5

Last Year(2014)						This Year(2015)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
1120	70	0	1008	1	2199	883	55	0	1032	1	1971

Demand ratio Dropout % =26/1971*100=1.31%

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

GATE Coaching are organised for Final year students By few Departments. The Classes are held in Saturdays

No. of students beneficiaries

5.5 No. of students qualified in these examinations

NET SET/SLET GATE CAT
IAS/IPS etc State PSC UPSC Others

5.6 Details of student counselling and career guidance

Placement training are given to final year & pre final year students Regularly

No. of students benefitted

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
53	244	152	66

5.8 Details of gender sensitization programmes

Computer Training for Hose Wives

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	24	
Financial support from government	156	
Financial support from other sources		
Number of students who received International/ National recognitions		

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed: _____NIL_____

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

OUR VISION

To become a globally recognized institution that develops professionals with integrity who excel in their chosen domain making a positive impact in industry, research, business and society.

OUR MISSION

- To provide the ambience necessary to achieve professional and technological excellence at the global level.
- To undertake collaborative research that fosters new ideas for sustainable development.
- To instil in our graduates ethical values and empathy for the needs of society

6.2 Does the Institution has a management Information System

YES, the institute has its own in-house developed management information system in Library and Administration

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

- Effectiveness of the curriculum is done through feedback from faculty students, alumnae, Employers and members of the academic Advisory Committee. From the suggestions more workshops and seminars are conducted extra topics on subjects are taken.
- Faculty members are as part of Curriculum Committee meeting of the University.

6.3.2 Teaching and Learning

The college has been a pioneer in introducing and following Bloom's Taxonomy as the pedagogy in the year 2004. Our teachers have been practicing Blooms Taxonomy for the past 11 years. We have started practicing the Revised Bloom's Taxonomy and CLP model of teaching learning process. Teachers also adopt innovative teaching practices like quiz programmes, modeling, seminars etc. in the class room to make teaching process more effective.

The college has adopted **National Programme on Technology Enhanced Learning (NPTEL)** designed by IITs to bring up the teaching standards to the level of higher institutions of learning.

IUCEE live webinars were conducted on topics like Pathways to Innovation, Students involvement in Engineering Education, etc.

6.3.3 Examination and Evaluation

Internal Examination is conducted through IA Cell and Results are published in the notice board of the department within ten days of the exam and scheme of valuation is given to the student

6.3.4 Research and Development

- R & D Department in the college monitor research Project

Out of the 7 externally funded research projects totalling about Rs. 1.5 Cores, 6 projects were completed. The funding came from funding agencies like DRDO, DST and DAE.

A technology was perfected during the duration of the project entitled **“Design, Development and Technology Transfer of High Power Diode Pumped Nd:YAG Laser with Frequency Doubled output ”** and this is available for transfer to any company for commercial application.

During this year about **0.90 crore** of research proposals were submitted to DST & DRDO for funding.

6.3.5 Library, ICT and physical infrastructure / instrumentation

- Hostel Accommodation for girls & Boys
- Transportation facility for all the route
- Canteen Facility
- Wifi Campus
- Additional facility for disabled students
- Campus is under the surve of CCTV
- Parking facility for student

6.3.6 Human Resource Management

- New principal joined
- At the end of each semester workload for the next semester is prepared. Orientation for new faculty.
- Onam and Christmas celebrations are organized for Teaching and Non Teaching staff

6.3.7 Faculty and Staff recruitment

Appointments are made by management obeying KTU and AICTE Norms

6.3.8 Industry Interaction / Collaboration

- MOU with Oracle Academy
- Local Academy of CISCO
- Infosys Ltd.
- Information and Communication Technology Academy of Kerala (ICTAK)
- KITCO for skill training
- KELANIYA University
- Agilent Technologies, Intel Technologies
- Envirocare India Pvt. Ltd., Madurai, Tamil Nadu,
- Fire And Security Association of India (In Process)
- Techno lodge, Kakkor
- VSB Technical University of Ostrava, of Czech Republic
- Oracle Academy
- CITS
- BRCORPS (Singapore)
- Pre MoU request placed with Universiti Teknologi Malaysia, Malaysia. INTI international university, Malaysia

6.3.9 Admission of Students

For B.Tech

The seats under **Govt. quota** will be allotted by the Commissioner for Entrance Examinations, based on KEAM rank

Eligibility

1. Nationality: Indian
2. Age: completed 17 years
3. Qualifications:
 1. 50% marks in Mathematics and 50% marks in Physics, Chemistry & Mathematics put together
 2. The candidate should qualify KEAM
4. Reservation category: Rules as specified in KEAM-prospectus

The seats under **Management quota** will be allotted by the Institute, based on XII standard marks and KEAM rank. In case the candidate has not appeared or is disqualified in KEAM, KEE ranking will be considered.

A rank list will be prepared from the received applications on the basis of merit and the date of admission will be intimated to the selected candidate.

Eligibility

1. Nationality: Indian
2. Age: completed 17 years
3. Qualifications:
 1. XII standard marks: 45% marks in Physics, Chemistry & Mathematics put together.
 2. The candidate should qualify KEAM. In case the candidate has not appeared or is disqualified in KEAM, KEE ranking will be considered.

The seats under **NRI quota** will be allotted by the Institute, based on XII standard marks
THERE IS NO CAPITATION FEE OR DONATION FOR ADMISSION UNDER NRI QUOTA

Eligibility

1. Nationality: Indian
2. Age: completed 17 years

Qualifications:

1. XII standard marks: 45% marks in Physics, Chemistry & Mathematics put together.

For. M.Tech

Eligibility

1. The candidate should be an Indian National.
2. The candidate should have studied the graduate course in an institution approved by the AICTE.
3. The candidate should have a Bachelor's Degree in Engineering/Technology in the respective branch, awarded by any University in the State of Kerala or equivalent, as approved by the concerned Universities.
4. The candidate should have a minimum of 60% aggregate marks or equivalent in the Bachelors Degree Examination. For SC/ST candidates a pass in the Bachelors Degree Examination is sufficient.
5. Candidates having valid GATE score are preferred.
6. Candidates who have passed AMIE/AMIE Examination and satisfying the following conditions are eligible for admission.

a. They must have valid GATE Score.

b. A minimum marks of 55% for the section B in AMIE/AMIETE examination.

c. Minimum 3 years of professional experience in the field of specialization after acquiring the qualifying degree.

7. The candidate should have registered themselves at Directorate of Technical Education (DTE), Govt. of Kerala and should have obtained a DTE ranking.

8. Candidates who have appeared for the final examination may also apply subject to the condition that the results are made available at the time of admission.

For. MBA

The eligibility for admission for MBA as per Govt. of Kerala & University norms. Candidates with B.Tech/any other degree with minimum 50% of marks in aggregate.

Selection procedure based on performance of scores in CAT conducted by CUSAT or MAT by AIMA and Group Discussion & Interview conducted on our campus.

6.4 Welfare schemes for

Teaching	Gratuity, Life Insurance
Non teaching	Gratuity, Medical insurance, ESI
Students	Insurance, Merit Scholarships

6.5 Total corpus fund generated

6.6 Whether annual financial audit has been done Yes No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	yes	ISO,KTU	yes	IAC
Administrative	yes	ISO	yes	

6.8 Does the University/ Autonomous College declare results within 30 days?

For UG Programmes Yes No

For PG Programmes Yes No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

NA

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

NA

6.11 Activities and support from the Alumni Association

- College has an Alumni Cell, which consolidate Alumni information collected from various departments,
- Technical advisory group meetings are conducted to strengthen the ties between alumni and Institute
- To inspire the regular students by conducting talks by Alumni.
- TIST Bangalore Alumni chapter was inaugurated on 21st Nov 2015
- Next Alumni meet is being planned to be held at Chennai.
- The MBA Annual Alumni meet of the year 2015 was conducted along with the Annual Management fest, De'Novo on October 18th and 19th 2015. 63 alumni participated in event

6.12 Activities and support from the Parent – Teacher Association

- To facilitate parental participation in college provide pastoral care to the college community.
- Carry out fund raising ventures.
- Function for welfare and education of the students

6.13 Development programmes for support staff

6.14 Initiatives taken by the institution to make the campus eco-friendly

- Tobacco free Campus
- To make the Campus Greenery large number of trees are planted
- Parking facilities are ear marks for students & Staff
- Rain water harvesting is provided
- Solar energy is used in the Computer Lab and Library

Criterion – VII

7. Innovations and Best Practices

7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

- Outcome-Based Education (OBE)

7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

- Requirement for the Projector in the Department is approved.
- A new Transport Committee has been formed and function from 1.07.2015.
- Faculty Meet held on 17.11.2015

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

- Scholarship scheme for meritorious economically backward students (TIFERS)
- Outcome-Based Education (OBE)
- WORLD OUTSIDE PROGRAM

**Provide the details in annexure (annexure need to be numbered as i, ii,iii)*

7.4 Contribution to environmental awareness / protection

- **Waste Management steps including:**
 - Solid waste management
 - Liquid waste management
 - E-waste management
- **Rain water harvesting structures and utilization in the campus**
- **Paperless office**
- **Green landscaping with trees and plants**

7.5 Whether environmental audit was conducted? Yes No

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

NIL

8. Plans of institution for next year

- NBA Accreditation

Name: Prof.(Dr.) P I Paulose

Name _Prof.(Dr.)D. Vincent H Wilson

Department of Sc & H

Principal

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC
