



BANNARI AMMAN INSTITUTE OF TECHNOLOGY

(Autonomous Institution Affiliated to Anna University Chennai
Approved by AICTE and Accredited by NAAC with 'A' Grade)
SATHYAMANGALAM – 638 401, ERODE DISTRICT, TAMIL NADU



Annual Quality Assurance Report 2017 – 2018

Submitted to



NATIONAL ASSESSMENT AND ACCREDITATION COUNCIL

An Autonomous Institution of the University Grants Commission
P. O. Box. No. 1075, Opp: NLSIU, Nagarbhavi, Bangalore - 560 072 India

The Annual Quality Assurance Report (AQAR) of the IQAC

All NAAC accredited institutions will submit an annual self-reviewed progress report to NAAC, through its IQAC. The report is to detail the tangible results achieved in key areas, specifically identified by the institutional IQAC at the beginning of the academic year. The AQAR will detail the results of the perspective plan worked out by the IQAC.

Part – A

1. Details of the Institution

1.1 Name of the Institution

Bannari Amman Institute of Technology

1.2 Address Line 1

Alathukombai Post

Address Line 2

M. Komarapalayam

City/Town

Sathyamangalam

State

Tamil Nadu

Pin Code

638401

Institution e-mail address

stayahead@bitsathy.ac.in

Contact Nos.

+91-4295-226000

Name of the Head of the Institution:

Dr.C.Palanisamy

Tel. No. with STD Code:

+91-4295-226000

Mobile:

9842217170

Name of the IQAC Co-ordinator:

Dr.P.Sampath

Mobile:

9443003507

IQAC e-mail address:

iqac@bitsathy.ac.in

1.3 NAAC Track ID (For ex. MHCOGN 18879)

TNCOGN13923

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)

NAAC/WH/Cert-RAR/EC (5th SC)/102/2015 dated 09.04.2015

1.5 Website address:

www.bitsathy.ac.in

Web-link of the AQAR:

<http://www.bitsathy.ac.in/AQAR2017-18.doc>

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	A	3.11	2009	5 Years
2	2 nd Cycle	A	3.57	2015	5 Years

1.7 Date of Establishment of IQAC: DD/MM/YYYY

17/12/2009

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

2017-18

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 2014-15 submitted to NAAC on 05/11/2015
- ii. AQAR 2015-16 submitted to NAAC on 22/09/2016
- iii. AQAR 2016-17 submitted to NAAC on 20/09/2017
- iv. AQAR 2017-18 submitted to NAAC on 17/12/2018

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

(AICTE)

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)

Anna University, Chennai

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

DSIR Recognition DSIR recognition for the purpose of availing custom duty exemption

Autonomy by State/Central Govt. / University	Autonomy by UGC		
University with Potential for Excellence	-	UGC-CPE	-
DST Star Scheme	-	UGC-CE	-
UGC-Special Assistance Programme	-	DST-FIST	
UGC-Innovative PG programmes	-	Any other (<i>Specify</i>)	TBI
UGC-COP Programmes	-		

2. IQAC Composition and Activities

2.1 No. of Teachers	23
2.2 No. of Administrative/Technical staff	5
2.3 No. of students	1
2.4 No. of Management representatives	2
2.5 No. of Alumni	2
2.6 No. of any other stakeholder and community representatives	1
2.7 No. of Employers/ Industrialists	2
2.8 No. of other External Experts	-
2.9 Total No. of members	36
2.10 No. of IQAC meetings held	4

2.11 No. of meetings with various stakeholders: No. Faculty
 Non-Teaching Staff Students Alumni Others

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

Related to information, career, recent trends in engineering and technology
 National Level Conferences/Workshops/ Seminars organized are furnished in Section A to D of the Report
 Institution Level training to faculty on “Revised Bloom’s Taxonomy and STEM concept”

2.14 Significant Activities and contributions made by IQAC

- Improvement in Teaching –Learning through CLM-RBT (Creative Learning Method – Revised Bloom’s Taxonomy)
- Suggestions for setting and improvement of question papers
- Conduct Academic and Administrative Audit in the various academic and administrative departments.
- Exam wrapper was introduced for the End Semester Examinations of the Academic year 2017-18. The students are given with answer scripts after evaluation. It is an opportunity to reflect their performance in the answer sheets with particular focus to introspect and analyse answer to each question as to why they could not secure full marks. They are also expected to keep a log of their mistakes, so that they will not repeat it again.

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
Conduct Seminars & Conferences on the topics of National interest	Many seminars, workshops and conferences have been conducted during the academic year.
Enhance the Industry internship to the students through IIPC	Internship introduced for pre-final year during Winter and summer vacation
Conduct of Staff Training Programme	Train the faculty members on Revised Bloom's Taxonomy method for handling classes, Laboratories and setting the question paper was conducted in batches for all faculty.
Activities for enhancing Placement and skill development of the students	<p>Important Links on C Language – MCQ, Important Links on C Coding Test shared with students</p> <p>Soft skill training programmes are conducted for the students at the department and institution level.</p> <p>The use of English language laboratories is encouraged with the intention of improving the language skills of the students.</p> <p>Training and Placement Cell has conducted 76 Training activities for the benefit of students</p>

* Attach the Academic Calendar of the year as Annexure – **Annexure 1**

2.16 Whether the AQAR was placed in statutory body Yes No

Management Syndicate Any other body (Academic Council)

Provide the details of the action taken

AQAR is prepared based on the details collected from all the departments in the College. The salient points discussed in IQAC meetings were presented in the Academic Council meeting.

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	12	1	13	-
PG	15	-	15	-
UG	15	0	15	-
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	-	1	-
Others	-	-	-	-
Total	42	1	44	-

Interdisciplinary	-	487 (Open Elective Courses)		-
Innovative	-	61 (One Credit Courses) 13 (Self Study Courses)		-

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

- CBCS introduced in the Institution from 2015-16 as per recommendations of UGC
- Life skill courses introduced from III-VI semesters
- Introduction of Mathematics, Physics and Chemistry Electives
- Introduction of Fast Track System to enable the students to undergo a semester-long internship or special training.
- Introduction of additional value added courses and special courses
- Introduction of additional elective courses

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	43
Trimester	-
Annual	-

1.3 Feedback from stakeholders* Alumni Parents Employers Students

(On all aspects)

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

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

1. Updation in 2015 Regulation and Curriculum for all UG and PG Programmes
2. 2018 Regulation and Curriculum designed for all UG and PG programmes
3. Introduced new electives in curriculum, one- credit courses and revision of Lab experiments in existing curriculum.
4. The curriculum gives emphasis on major projects where students are expected to develop a real-time industrial applications/ module required for the industry. Hence students are exposed to industrial environment.
5. Case studies are included in the syllabus so that students are involved in the learning process and this would make learning effective
6. Application of Current technology is emphasised in the departments

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

NIL

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
603	583	38	44	20

2.2 No. of permanent faculty with Ph.D.

176

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
583	-	38	-	44	-	20	-	603	-

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
Presented papers	361	85	-
Resource Persons	2	6	162

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

- An interesting and informative method of teaching Creative Learning Methodology (CLM) with Revised Bloom's Taxonomy (RBT) is adopted in the Institute. It ensures self-learning, peer learning, and group learning.
- Usage of NPTEL materials and Faculty are encouraged to register for NPTEL Courses
- Increased access to latest knowledge through the library and on-line subscribed books and journals.
- Need based institutional/Industrial visits and field trips are also introduced.
- Induction program in the first week of the reopening of the College to introduce the students about various facilities available in the college, optional and elective papers for their choice and availability of various forums and clubs for their extracurricular activities is also undertaken.
- Special coaching for competitive exams –GATE, BEC
- Introduction of Foreign Languages-Chinese, French, Spanish, German and Japanese
- National Language Hindi is being offered to students already

2.7 Total No. of actual teaching days during this academic year 93(odd) + 94(even) = 187 teaching days

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

- Question Papers are prepared through camps and submitted to Controller of Examinations for PG courses.
- E-Hall ticket issued to students
- Mark entry of the end semester examinations done online during the evaluation of answer scripts.
- Examination results are declared within 15 after the valuation.
- Exam Wrapper System introduced

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

2.10 Average percentage of attendance of students 89.28

2.11 Course/Programme wise distribution of pass percentage:

Sl.No.	Branch	No. of Students appeared	First class with distinction	First Class	Second Class	No. of Students passed	Pass%
1	B.E. Aero	51	0	36	7	43	84.31
2	B.E. Auto	68	3	48	1	52	76.47

Sl.No.	Branch	No. of Students appeared	First class with distinction	First Class	Second Class	No. of Students passed	Pass%
3	B.E. Civil	129	10	83	13	106	82.17
4	B.E. CSE	178	34	126	5	165	92.70
5	B.E. ECE	234	20	160	14	194	82.91
6	B.E. EEE	127	17	92	10	119	93.70
7	B.E. EIE	100	13	62	9	84	84.00
8	B.E. Mech	271	24	199	16	239	88.19
9	B.E. MECT	127	8	87	12	107	84.25
10	B.Tech. BT	88	6	77	3	86	97.73
11	B.Tech. IT	110	14	73	6	93	84.55
12	B.Tech. TXT	54	8	28	8	44	81.48
13	B.Tech. FT	28	3	21	1	25	89.29
14	M.E. (CO)	1		1		1	100.00
15	M.E. (CSE)	1	1			1	100.00
16	M.E. (ED)	1	1			1	100.00
17	M.E. (ES)	1	1			1	100.00
18	M.E. (IAR)	3	2	1		3	100.00
19	M.E. (IE)	2	1	1		2	100.00
20	M.E. (ISE)	6	2	4		6	100.00
21	M.E. (PED)	3	1	1		2	66.67
22	M.E. (SE)	1	1			1	100.00
23	M.E. (STR)	15		15		15	100.00

Sl.No.	Branch	No. of Students appeared	First class with distinction	First Class	Second Class	No. of Students passed	Pass%
24	M.E. (VLSI)	3	1	2		3	100.00
25	M.Tech. (BT)	4		4		4	100.00
26	MBA	50	4	41	1	46	92.00

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

The Department Advisory Board (DAB) as the part of NBA requirements takes care in the formation of Programme Educational Objectives (PEOs), Programme Outcomes (POs) and Course Outcomes (COs) for the Programmes offered. The IQAC through these Boards review the course content, teaching methods, completion of syllabus and assessment methods and provide regular feedback to respective Board of Studies. The teaching learning process in the classroom is monitored through Academic Resource Cell (ARC). Academic Audit Committee conducts academic audit for all the courses at regular intervals.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	269
UGC – Faculty Improvement Programme	69
HRD programmes	1
Orientation programmes	1
Faculty exchange programme	1
Staff training conducted by the university	-
Staff training conducted by other institutions	38
Summer / Winter schools, Workshops, etc.	40

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	133	-	3	-
Technical Staff	183	-	39	-

Criterion – III

3. Research, Consultancy and Extension

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

1. Formation of Research Committee and Research Advisory Board to promote the research activities
2. Promoting research activities and providing financial assistance for registration , TA etc to participating faculty members
3. Identification of thrust areas for research
4. Establishment of 13 Collaborative areas for Research
5. Budget allocation for research and development activities
6. 2.5% of grant-in-aid is awarded to the faculty members as incentive for Funded Research Projects by the Management
7. Faculty / Students are given On –Duty Permission for attending workshops/ conferences / Part time Research works
8. Departments provide facilities with secretarial assistance to prepare research proposals
9. Organization of National level project design contest every year for intercollegiate students and cash prizes awarded to adjudged winners

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	34	20	5	70
Outlay in Rs. Lakhs	332.83	411.858	65.97	412.85

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	25	3	17	55
Outlay in Rs. Lakhs	45.79	5.42	19.70	88.92

3.4 Details on research publications

	International	National	Others
Peer Review Journals	454	10	-
Non-Peer Review Journals	-	-	-
e-Journals	-	-	-
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

Sl. No	Grant Received From	Scheme	Sanctioned Amount (Rs.)	Name of the Investigator & Dept
1	AICTE	FDP	641255.00	Dr.P.Thangaraj / CSE
		Project	1223529.00	Dr.R.Bharanikumar / EEE
		Project	525000.00	Dr.K.Sivakumar / Mech
2	DST	Project (NRDMS)	560000.00	Dr R.Paarivallal / CSE
		Project	3646000.00	Dr S P Selvaraj / EIE
3	DRDO	International Conference	100000.00	Dr.R.Logeshkumar / IT
4	Defence Research & Development Orgn	Project	450000.00	Dr.S.Gollakota /Dean /Aero
5	DBT	SDP	290000.00	Dr.K.Premalatha /CSE
6	TNSCST	Symposium	25000.00	Dr.P.Thangaraj / HOD/CSE
		SDP	50000.00	Dr.K.Balakrishnan /TBI/Bio -Tech
		Student Project Scheme	10000.00	Dr K Gopal Shankar / Bio - Tech
		Student Project Scheme	10000.00	Dr K Babu / Civil
		Student Project Scheme	10000.00	N Sathyakumar / Civil
		Student Project Scheme	2500.00	Mrs.Rajalakshmi / EEE
		Student Project Scheme	10000.00	K Poomani / Mect
		Student Project Scheme	10000.00	Dr A Anandha Moorthy / Mech
		Student Project Scheme	10000.00	Dr D Rajeshkumar /IT

Sl. No	Grant Received From	Scheme	Sanctioned Amount (Rs.)	Name of the Investigator & Dept
		Student Project Scheme	10000.00	Dr K P Kannan / Bio Tech
		Dissemination of Innovative Technology	50000.00	Dr L Vijayakumar / BT
7	THE RUFFORD FOUNDATION	Project	372000.00	Dr.Sanjoy Deb /ECE
8	ICMR	Workshop	40000.00	Dr P Thangaraj / CSE
9	National Human Right Commission	One Day Programme	50000.00	Dr.V.N.Vijayakumar /Phy.Sciences
10	International Elephant Foundation	Project	401000.00	Dr Sanjoy Deb / ECE
11	IIT	Project	82300.00	Dr V Sri Saran / Mect
Total			8578584.00	

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	2	6	-	-	-
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 during this year

Type of Patent		Number
National	Applied	22
	Granted	
International	Applied	-
	Granted	-
Commercialised	Applied	-
	Granted	-

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
41	2	7	31	-	-	1

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 State level
National level International level

3.22 No. of students participated in NCC events:

University level State level
National level International level

3.23 No. of Awards won in NSS:

University level State level
National level International level

3.24 No. of Awards won in NCC:

University level State level
National level International level

3.25 No. of Extension activities organized

University forum College forum
NCC NSS Any other

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

Programmes are conducted through Community Radio for 9 Hours per day. Club activities and other activities are conducted through YRC, NSS and NCC for the students as a part of extension activities

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	180 Acres	-	Management	180 Acres
Class rooms	181	12		193
Laboratories	272	1		273
Seminar Halls	11	-		11
No. of important equipments purchased (1-0 lakh) during the current year.	14 Departments have procured equipments more than 1 Lakh			14
Value of the equipment purchased during the year (Rs. in Lakhs)	283.76 Lakhs			283.76 Lakhs
Others	-	-		-

4.2 Computerization of administration and library

- RFID based entry
- In Learning Centre- all the textbooks affixed with RFID tags for unique identification
- OPAC is used to check the location and availability of books
- Self-check-out kiosk installed for issuing books
- Return of books made easier round- the- clock through the drop box placed outside the library
- SMS sent to mobile on return of books
- RFID based store verification process

4.3 Library services:

	Existing		Newly added 2017-18		Total	
	No.	Value Rs. In Lakhs	No.	Value Rs. In Lakhs	No.	Value Rs. In Lakhs
Text Books	81289	302.00	5940	42.52	87229	344.52
Reference Books	2050	96.20	61	0.53	2111	96.73
e-Books	-	-	-	-	-	-
Journals	387	17.32	Renewed every year		387	17.32
e-Journals	6000	75.97	Renewed every year		6000	75.97
Digital Database	-	-	-	-	-	-
CD & Video	8191	-	-	-	-	-
Others (specify)			-	-	-	
NPTEL	274	1.5				1.5
NITTTR	144					

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Compute r Centres	Office	Depart -ments	Other s
Existing	2723	45	500Mbps	2	1	1	15	-
Added	210	1	-	-	-	-	-	-
Total	2933	46	500Mbps	2	1	1	15	-

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

- CLOUD computing facility
- Wi-Fi facility provided in the hostels and Academic Areas
- 500 Mbps Internet has been provided to the students
- Campus intranet facility comprises intranet web services, mail services, file sharing, print services and Database services.

4.6 Amount spent on maintenance in lakhs:

i) ICT	Rs. 47.63 Lakhs
ii) Campus Infrastructure and facilities	Rs. 203.54 Lakhs
iii) Equipments	Rs. 17.76 Lakhs
iv) Others	Rs.243.61 Lakhs
Total :	Rs. 512.54 Lakhs

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Good governance is vital for both to gaining and maintaining public trust. It ensures that all stakeholders including students, Faculty and Management have full confidence and trust in the Institution.
- Facilitating learner eccentric environment to impact quality education
- Arrangement of feedback response from students, parents, and stakeholders

5.2 Efforts made by the institution for tracking the progression

- Regular meeting of Heads of the Departments by the Principal
- Department level meetings with the members of faculty by the Heads of the Departments
- Meetings of the Co-ordinator, DAB with the faculty members
- Need based meetings of the teachers with the parents
- Feedback from students, alumni, peer Academic members, Industry Personnel and parents

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
6698	224	422	-

(b) No. of students outside the state

62

(c) No. of international students

-

	No	%		No	%
Men	4524	65.36	Women	2398	34.64

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
243	655	20	5580	-	6498	248	654	20	6000	-	6922

Demand ratio - Dropout % - 0.1

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

Regular GATE coaching classes have been conducted in the respective departments.

No. of students beneficiaries

159

5.5 No. of students qualified in these examinations

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

5.6 Details of student counselling and career guidance

Students have been given regular guidance on the career options, based on their interests. All Government Exam updates have been given to the students.

No. of students benefitted through career guidance

6922

No. of students beneficiaries through Counselling

375

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
62	1267	790	565

*233 Students received Dual offers

5.8 Details of gender sensitization programmes

1. Dr.S.Jayashree, Associate Professor & Head, Department of Biotechnology, Nehru Arts and Science College, Coimbatore gave a talk on Social Awareness about problems of Women on 13.07.2017
2. Dr.P.Ramya, Senior Consultant, Women Center, Coimbatore delivered a speech on Awareness in Women's Health-Preventive Gynaecology on 15.07.2017
3. Dr.P.Ramya, Senior Consultant, and Dr.Vishranthi, Consultant, Obstetrics and Gynecology, Women Center, Coimbatore had an interactive session, with women faculty members on "Mid-health welfare" on 27.08.2017. 90 women faculty members attended the programme.
4. WDC organized the Navaratri celebrations for 9 days from 21.09.2017 to 29.09.2017
5. International Women's Day Celebrated on 08.03.2018 at Vedanayagam Auditorium
6. Women Development Club organized a Guest Lecture on "Women Entrepreneurship" for second year students of IT and ECE on 15.03.2018.

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 in Rs.
Financial support from government	3306	4,33,46,395
Financial support from other sources	140	15,99,920

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

<p style="text-align: center;">THE VISION</p> <ul style="list-style-type: none">• To reach the highest, the ultimate phase of intellectual development, the zenith of learning - the Omega• To walk tall, take on the world with confidence• To conquer ignorance and pursue excellence in our goal to always 'stay ahead'• To draw the strength from the power of the Omega and to create leaders for tomorrow's world <p style="text-align: center;">THE MISSION</p> <ul style="list-style-type: none">• To equip the students with sound technical knowledge and skill• To offer an educational programme with a plethora of innovative concepts for creating a host of talented professionals• To foster an open student - oriented culture and perhaps even more important, an understanding of students, their needs, goals and aspirations• To develop exceptional opportunities for study and research and system of industry - Institution interaction, through industry liaison cells, for students to contribute to our nation's economic growth• To evolve a friendly face of education with emphasis on engineering, technology, and research

6.2 Does the Institution has a management Information System

YES.

- Administrative procedures including finance (Financial Accounting System (FAS))
- Student admission
- Student records (Camps Software)
- Evaluation and examination procedures (Result processing Software)
- Research administration (Intranet)
- Others (Google drive/Cloud, CAMPS and OPAC)

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

6.3.1 Curriculum Development

Experts from Industries, Academia, and Alumni were consulted for Board of Studies Meeting twice a year and their suggestions are included and approved by in Academic Council Meeting.

6.3.2 Teaching and Learning

- Creative Learning Methodology (CLM) with Revised Bloom's Taxonomy (RBT) and Layered Learning methodology propose a very interesting and informative concept of teaching which has been followed in the Institute.
- It ensures self-learning, peer learning, project based learning and group learning.
- NBA Outcome Based Education (OBE) has been incorporated in the syllabi.

6.3.3 Examination and Evaluation

- Dummy numbering system introduced for answer scripts
- Continuous Evaluation for laboratory courses by evaluating every experiment conducted by the student as exam
- Exam wrapper system introduced
- Pilot Tests for students

6.3.4 Research and Development

- Weight is given for promotion to those who guide research works and/or do research work. All eligible faculty are encouraged to pursue Ph.D. programmes either in the college or outside the college
- Whenever needed, funds are provided for the purchase of equipment required for research works
- Faculty members sponsored for Doctoral Programme are given on-duty leave for a period of 2 months
- Necessary TA & DA are granted to members of faculty for attending Seminars / Conferences / Short Courses in India. Grant of registration charge and soft loan for travel to attend International Conferences abroad
- Mentoring programme to all the faculty members by external experts to improve the research activities in the Institute
- 2.5% of grant-in-aid is awarded as incentive for Funded Research Projects by the Management

6.3.5 Library, ICT and physical infrastructure / instrumentation

Library:

- Electronic Security Gates are installed in the library to detect the authorised books
- This automated system registers each transaction based on item and members ID.

ICT:

- Online tests conducted
- Students feedback and analysis by online
- Firewalls installed to prevent the use unauthorised websites

Physical infrastructure:

- CCTV and security systems provided in main entrances, corridors and important places

6.3.6 Human Resource Management

- Training for faculty members by external experts in various skill enhancing programmes like Personal Effectiveness Program (PEP), RBT training and Faculty Development Programme (FDP)
- Attending workshops whenever conducted for FDP
- Yoga classes for the faculty members

6.3.7 Faculty and Staff recruitment: 94

The Faculty Recruited is as follows

- M.E./ M.Tech: 69
- Ph.D.: 11
- Others: 14

6.3.8 Industry Interaction / Collaboration

24 Memorandum of Understanding (MoU) signed with industries for student's internship, projects and mini projects.

6.3.9 Admission of Students

- Admission is not controlled by the Institution. Students are admitted through Single Window System of TNEA by ANNA UNIVERSITY Chennai
- Association of Management of Coimbatore Anna University Affiliated Colleges

6.4 Welfare schemes for

Teaching	<ul style="list-style-type: none">• Maternity Leave provided• Fully furnished rent free Staff Quarters are provided for the eligible faculty members• Permission for part time Ph D provided to enhance research works of faculty
Non teaching	<ul style="list-style-type: none">• Basic Software training was provided.• Compensation leave provided for working beyond college hours
Students	<ul style="list-style-type: none">• Scholarships-SC/ST, BC and Friend of Friendless• Flexible tuition fee payment

6.5 Total corpus fund generated

10 Crores

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	5S	Yes	Steering Committee
Administrative	-	-	Yes	Auditor

6.8 Does the University/ Autonomous College declares 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?

Question papers along with answer keys have been collected with two sets. The end semester examination answer scripts were given dummy numbers and evaluation by central evaluation board consisting of external and internal examiners as per the Anna University guidelines.

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

Not applicable

6.11 Activities and support from the Alumni Association

- Regular meetings in the institution and chapter meetings are conducted as per the statutory requirements
- Reunion meet is conducted once in a year
- Feedback and suggestions have been received regarding the choice / selection of resource persons from industry for Guest Lectures, seeking expertise in Curriculum improvement and finding suitable experts for one-credit courses

6.12 Activities and support from the Parent – Teacher Association

- Information is sent to parents regarding attendance and failures
- Suggestions in improving the studies of the students discussed and feedback received

6.13 Development programmes for support staff

67 different programmes were attended by support staff like programme on Basic Etiquette, total station, energy conservation fire safety and Android development

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

Initiatives were taken to create healthy ambience in and around the campus. They are:

- Tree plantation
- Water management
- Sewage treatment
- Use of biogas
- Use of solar energy
- Use of vegetables from organic farming in Hostel mess
- Reduced usage of papers by automation
- Vermicomposting for waste disposal
- Rain water harvesting

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.

- Guidance and counselling system is in vogue to assess the needs of each student and take remedial measures.
- Induction and CLM orientation programme for faculty members to improve quality of classroom delivery and improvement of various soft skills. Optional Industrial training during vacation for teachers.
- Google drive is used for effective usage of course materials
- CAMPS software updates class advisor and parents with students daily hour attendance
- Wi- Fi facilities
- Hostel Digital Library

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

Action Taken Report for the Year 2017-18

Sl. No	Decision	Action Taken
1	Structure of the Curriculum to be included in the regulations with breakup for Basic Sciences, Basic Engineering, Humanities, Professional courses and EEC courses.	Structure of the Curriculum included in the Regulations.
2	4 quadrant approach to be followed for the online courses based on the guidelines of MHRD credit framework and Gazette.	Guidelines for online courses are framed and will be placed in the forthcoming BoS and Academic Council for discussion.
3	Unique Courses may be framed and offered by faculty	Unique Courses are offered
4	To add NCC/NSS Course as value added course/one credit course	NSS offered as one credit course
5	Maintain the details of number of research scholars pursuing/Completed Ph.D. across the departments.	Details compiled and Documented
6	Books related to Indian standards/European Standards may be placed in the Learning centre	1. Purchased for Textile Technology

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

Practice I

- ICT Based Teaching – Learning

Practice II

- Decentralisation and Delegation of Power – Apex Committee

7.4 Contribution to environmental awareness / protection

- Waste water from hostels recycled through sewage treatment plant and used for gardening.
- Solar Power Generation (1300kWh_p)

7.5 Whether environmental audit was conducted?

Yes

No

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

- IET – The Institution of Engineering and Technology “Academic Affiliate Partnership” established for one year from Feb 2018-Jan 2019 on 23.01.2018.
- BIT is awarded “5S certification for the entire campus” for maintaining the standard Housekeeping during 5S Conclave on 09.02.2018.
- BIT-TBI has been selected by ATAL INNOVATION MISSION, NITI AAYOG, Govt. of India for Rs.10 Crore grant-in-aid to scale- up TBI in to world-class EIC (Established Incubation Center).
- BIT has become an associate member with NAFSA- National Association for Foreign Student Affairs (May 2018 to December 2019), an association of International Educators which is a non-profit professional organization for professionals in all areas of international education.
- ISTE TN Section has awarded BIT with two Appreciation Awards for Mobilizing Maximum Students Membership & Mobilizing Maximum Life Membership, in the 20th ISTE TN & P Section Annual Convention for Engineering Members of Faculty – 2017, conducted by Mahendra Engineering College, Salem, on 26th March 2018.
- Cambridge Assessment English awarded BIT Centre for Language Excellence BIT-CLE the NEWCENTRE OF THE YEAR AWARD, at the Authorized Exam Centres Awards 2017- 2018, South Asia during the South Asia Centre Leaders' Conference held on 16 April 2018 at Hotel Novotel New Delhi Aero City, New Delhi.

Bannari Amman Institute of Technology applied/participated in the surveys and was ranked in different categories as follows

- CSR-GHRDC Engineering Colleges Survey 2017 (Ref: COMPETITION SUCCESS REVIEW, JULY 2017)

- a. Secured 4th position in Ranking of Top Engineering Colleges of Eminence.
 - b. Secured 17th position in Ranking of Top 25 Engineering Colleges based on Placements, Unique selling Point, Social Responsibility and Networking & Industry Interface.
 - c. Secured 17th position in Ranking of Top 25 Engineering Colleges based on Faculty, Research, Consultancy, EDP and Other Programmes
 - d. Secured 5th position in Ranking of Top Engineering Colleges in Tamil Nadu among Top 24 private Institutes.
- Ranked 7th Position among TOP 10 Promising Engineering Colleges in India by India Today Survey May 2017
 - BIT Secured 76th Rank in the **National Institutional Ranking Framework** Rankings — 2018
 - BIT has secured 46th Rank in the India Today Survey
 - BIT has secured 38th Rank in the Outlook Survey
 - BIT Awarded AAAA status by career360

8. Plans of institution for next year

Parameter for Quality Enhancement	Target
Curricular Aspect	Curriculum with stated objectives and outcomes will be linked with innovative measures.
	To have flexible curriculum with more focus on practical content & Skill Development.
	More interdisciplinary elective courses and projects will be introduced
	To improve the interaction with alumni and industry-experts towards industry practices.
Teaching-Learning & Evaluation	To effectively utilize the e-learning materials like NPTEL, SWAYAM, NITTT&R and extend e-learning and evaluation in UG & PG programmes.
	Use indicators to motivate and monitor the performance of the students. Students to meet around 80% of AQL (Acceptance Quality Level)
	To enhance the skills and capacity of the faculty members through orientation and training programmes.
	To enhance the industry exposure to the faculty members through internship / workshops / FDPs etc.
Research, Consultancy & Extension	To encourage faculty members to pursue Ph.D. and maintain the strength of Ph.D. holders at 30% and above.
	Encourage faculty members to publish more research papers minimum one research paper per faculty on an average in the 'Scopus' journals, Web of Science and Indian Citation Index Journals.
	To submit proposals to various funding agencies and get more funding projects. To improve the research through Specialized labs.
	To enhance consultancy and testing services offered by the Institute by 20%.
	To collaborate with Foreign universities for research in new areas and conduct joint conferences.
Infrastructure and Learning Resources	To enhance the server capacity for more data storage and improve MIS and report generation. Wi-Fi facility if necessary may be increased further in academic areas and hostels.
	To complete the construction of new blocks for Agricultural Engineering and Automobile Engineering. Further increase in hostel accommodation for boys will be taken up.

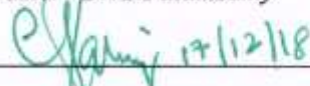
Parameter for Qualify Enhancement	Target
Student Support and Progression	To provide coaching to more students for GATE / GRE / IELTS / etc Examinations from 2 nd year onwards.
	Continue to offer other languages like Japanese, Chinese, German, French, Spanish and Hindi.
	Help students to take up industrial training, internship, project and develop products and patents.
	To submit proposals to seek funds for students projects.
	To involve more students in preparing and delivering technical and socio economical programmes through community radio
Governance and Leadership	To provide mentoring support to the faculty members. API is followed to assess the performance of Faculty.
	To motivate the faculty members to pursue higher studies and take up industry and social relevant research.
	Arrange skill upgradation programmes to non-teaching staff.
	To inculcate ethical responsibilities among the students through in-house programmes and club-activities.
	To facilitate IPR creation to the students, executing novel projects.
Innovative Practices	To undertake the developmental activities of the nearby schools by providing training / providing access to the resources.
	Work on gap analysis between and institute and bridge the same
	Simplify the administrative procedure by practising 5S.
	To promote online courses like NPTEL, COURSERA, SWAYAM and other recognised MOOCs.
	To maintain the gender balance in the faculty and non-teaching staff members.

Name: Dr.P.Sampath



Signature of the Coordinator, IQAC

Name: Dr.C.Palanisamy



Signature of the Chairperson, IQAC

Annexure 1 Academic Calendar of 2017-18

Tentative Academic Schedule for the Academic Year 2017 - 2018	
JULY 7, 2017	Class Work Commencement for S7, S5, S3 B.E./B.Tech, S3 M.E./M.Tech. and S3 MBA.
AUG 2, 2017	Class Work Commencement for S1 B.E./B.Tech
AUG 12, 2017	International Youth Day
AUG 30, 2017	Class Work Commencement for S1 M.E./M.Tech. and S1 MBA
AUG 31, 2017	Periodical Test-I for S7, S5, S3 B.E./B.Tech and S3 M.E./M.Tech. and S3 MBA
SEP 5, 2017	Teachers Day
SEP 7,8,9 2017	FUTURA 2017
SEP 15, 2017	Engineers' Day
OCT 5, 2017	Periodical Test-I for S1 B.E./B.Tech
OCT 5, 2017	Periodical Test-II for S7, S5, S3 B.E./B.Tech and S3 M.E./M.Tech. and S3 MBA
OCT 12, 2017	Optional Test for S7, S5, S3 B.E./B.Tech and S3 M.E./M.Tech. and S3 MBA
OCT 15, 2017	Youth Awakening day
OCT 15, 2017	World Food Day
OCT 20, 2017	Periodical Test-I for S1 M.E./M.Tech. and S1 MBA
OCT 20, 2017	End Semester Practical Examinations for S7, S5, S3 B.E./B.Tech. and S3 M.E./M.Tech. and S3 MBA
OCT 26, 2017	End Semester Theory Examinations for S7 B.E./B.Tech. and S3 M.E./M.Tech. and S3 MBA
OCT 26, 2017	End Semester Theory Examinations for S7, S5, S3 B.E./B.Tech and S3 M.E./M.Tech. and S3 MBA
NOV 19, 2017	International Men's Day
NOV 26, 2017	Constitution Day
NOV 29, 2017	Class Work Commencement for S8, S6 B.E./B.Tech and S4 M.E./M.Tech. and S4 MBA

DEC 2, 2017	Periodical Test-II for S1 B.E./B.Tech and S1 M.E./M.Tech. and S1 MBA
DEC 9, 2017	Optional Test for S1 B.E./B.Tech and S1 M.E./M.Tech. and S1 MBA
DEC 13, 2017	End Semester Practical Examinations for S1 B.E./B.Tech and S1 M.E./M.Tech. and S1 MBA
DEC 15, 2017	End Semester Theory Examinations for S1 B.E./B.Tech and S1 M.E./M.Tech. and S1 MBA
DEC 27, 2017	Class Work Commencement for S2 B.E./B.Tech and S2 M.E./M.Tech and S2 MBA
JAN 18, 2018	Periodical Test-I for S8 B.E./B.Tech
JAN 29, 2018	Periodical Test-I for S4, S6 B.E./B.Tech and S4 M.E./M.Tech and S4 MBA
JAN 30, 2018	National Cleanliness Day
FEB 17, 2018	Periodical Test-I for S2 B.E./B.Tech and S2 M.E./M.Tech and S2 MBA
FEB 21, 2018	Matribhasha Diwas (Mother Tongue Day)
MAR 8, 2018	International Women's Day
MAR 10, 2018	Periodical Test-II for S8 B.E./B.Tech
MAR 14, 2018	Optional Test for S8 B.E./B.Tech
MAR 16, 2018	End Semester Project work viva voce for S8 B.E./B.Tech
MAR 19, 2018	End Semester Theory Examinations for S8 B.E./B.Tech
MAR 22, 2018	World Water Day
MAR 27, 2018	Periodical Test-II for S4, S6 B.E./B.Tech and S4 M.E./M.Tech and S4 MBA
APR 5, 2018	Optional Test for S4, S6 B.E./B.Tech and S4 M.E./M.Tech
APR 7, 2018	World Health Day
APR 9, 2018	End Semester Practical Examinations for S4, S6 B.E./B.Tech and S4 M.E./M.Tech

APR 16, 2018	Periodical Test-II for S2 B.E./B.Tech and S2 M.E / M.Tech and S2 MBA
APR 16, 2018	End Semester Theory Examinations for S4,S6 B.E./B.Tech and S4 M.E /M.Tech
APR 17, 2018	End Semester Theory Examinations for S6 B.E./B.Tech
APR 23, 2018	Optional Test for S2 B.E./B.Tech and S2 M.E /M.Tech and S2 MBA
APR 26, 2018	End Semester Practical Examinations for S2 B.E./B.Tech and S2 M.E /M.Tech
APR 30, 2018	End Semester Theory Examinations for S2 B.E./B.Tech and S2 M.E /M.Tech
JUNE 5, 2017	World Environment Day
JUNE 14, 2017	World Blood Donor Day
JUNE 21, 2017	International Yoga Day
 <p>BANNARI AMMAN INSTITUTE OF TECHNOLOGY Stay Ahead</p>	

Annexure 2 Employer survey and Alumni survey –Sample

Employer Survey

Email address:

Name of the Alumni:

Year of Graduation:

Name of the Company/Organization with Location:

Designation of the Alumni:

E-mail ID:

Mob No:

Name of the Employer providing the feedback:

Designation of the Employer:

E-mail ID:

1. Level of technical contribution and expertise
Excellent Very Good Good Fair Poor

2. Level of success in learning new areas, engaging in professional development, and adapting to technological advancements
Excellent Very Good Good Fair Poor

3. Are they deserved for elevation to higher grades?
Excellent Very Good Good Fair Poor

4. Are they good team players?
Excellent Very Good Good Fair Poor

5. Level of communication skills
Excellent Very Good Good Fair Poor

6. Attitude Level of ethical and social responsibility
Excellent Very Good Good Fair Poor

7. Any other comments

Thank you very much for your time! Have a Good day!

Alumni Survey

Email address:

Name of the Alumni:

Year of Graduation:

Name of the Company/Organization with Location:

Designation of the Alumni:

Nature of Work:

1. Your level of mastery as a graduate in fundamental concepts in Electronics and Communication

Excellent Good Average Low

2. Your ability to carry out your assigned work with adequate managerial and communication skills

Excellent Good Average Low

3. Your competency in advancing the career by updating yourself with the latest Software and Hardware Technologies

Excellent Good Average Low

4. Your expertise in investigating complex engineering problems and contemporary issues in Engineering design and to providing solutions for it

Excellent Good Average Low

5. Your ability to provide solutions or to actively participate in discussions related to Socially Significant and Environment related problems

Excellent Good Average Low

6. Evaluate yourself as a team player in your Professional career

Excellent Good Average Low

Any other comments

Thank you very much for your time! Have a Good day!

Annexure 3 Community Radio Schedule

EVENING 5.00- 10.00

4.55	1k Tone – Alert Tone
5.00 - 6.00	Students Talents- பக்கி / கவிதை / பாடலாசிரியர் பின்னடைவு திரைப்படம்
6.00-6.30	Agri Tech – “கொண்டு சென்றேன் திட்டங்கள்” கனம்-பெரியசாலை , கொண்டு சென்றேன் , கொண்டு சென்றேன் , கனம் குழந்தை மகன் , அரசு திட்டங்கள் கனம் கொண்டு , கனம் குழந்தை மகன் ...
6.30-7.00	Law and Act- “திருவள்ளூர் திரைப்படம்” திருவள்ளூர் திட்டம் , கொண்டு சென்றேன் திட்டங்கள் , கொண்டு சென்றேன் திட்டங்கள் , திருவள்ளூர் திட்டங்கள் , கொண்டு சென்றேன் திட்டங்கள் திட்டம் A-Z
7.00-7.30	Students Park – “கனம் கொண்டு” கொண்டு சென்றேன் திரைப்படம் கனம் கொண்டு , கனம் கொண்டு , கனம் கொண்டு , கொண்டு சென்றேன் கொண்டு கொண்டு கொண்டு , கனம் கொண்டு கனம் course?
7.30-8.00	Women’s hub- “கொண்டு கொண்டு” கொண்டு சென்றேன் கொண்டு , கொண்டு , கொண்டு , கொண்டு கொண்டு சென்றேன் , கொண்டு சென்றேன் கொண்டு , கொண்டு சென்றேன் கனம் கொண்டு கொண்டு சென்றேன் கொண்டு சென்றேன் ...
8.00-8.30	Success Story- “கொண்டு கொண்டு கொண்டு” கொண்டு சென்றேன் கொண்டு , கொண்டு கொண்டு கொண்டு , கொண்டு சென்றேன் , ... கொண்டு சென்றேன் கொண்டு ...
8.30-9.00	Humour Club- “கொண்டு கொண்டு” கொண்டு சென்றேன் கொண்டு , கொண்டு கொண்டு கொண்டு ,
9.00-9.30	Leaders life History/World history – “கொண்டு சென்றேன் கொண்டு” கொண்டு சென்றேன் கொண்டு கொண்டு , கொண்டு சென்றேன் கொண்டு கொண்டு கொண்டு சென்றேன் கொண்டு
9.30,10.00	“கொண்டு கொண்டு கொண்டு” கொண்டு சென்றேன் கொண்டு ,