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

2016 – 2017

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. *(Note: The AQAR period would be the Academic Year. For example, July 1, 2016 to June 30,2017)*

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.D.Saravanan

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/AQAR2016-17.doc

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1st Cycle	A	3.11	2009	5 Years
2	2nd 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)* 2016-17

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

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/DSIR etc

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 | Biotechnology Department |

UGC-Innovative PG programmes | - | Any other (*Specify*) | DST-TBI |

UGC-COP Programmes | - |

2. IQAC Composition and Activities

2.1 No. of Teachers | 16 |

2.2 No. of Administrative/Technical staff | 2 |

2.3 No. of students | 2 |

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 | 1 |

2.9 Total No. of members | 28 |

2.10 No. of IQAC meetings held | 4 meetings for 2016-17 |

2.11 No. of meetings with various stakeholders: No. [9]   Faculty [3]

Non-Teaching Staff [2] Students [2]   Alumni [2]   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. [88]   International [4]   National [22]   State [27]   Institution Level [35]

(ii) Themes

1. Related to information, career, recent trends in engineering and technology
2. Details of National Level Conferences/Workshops/ Seminars organized are furnished in Section A to D of the Report
3. Institution Level training on "Objective oriented Learning using Revised Bloom's Taxonomy and STEM concept"

2.14 Significant Activities and contributions made by IQAC

Contributions made by IQAC for improvements criterion wise are
- Criterion-I:
    o Teaching –Learning enhanced through CLM-RBT (Creative Learning Method –Revised Bloom's Taxonomy) and suggestions made to offer more value added courses, one credit courses, mini projects, special courses and interdisciplinary courses
- Criterion-II:
    o Suggestions for setting of question papers as per 2D RBT, CO & PO mapping and evaluation of outcomes.
    o One day workshop on Relative Grading System by Dr. S. Arul Daniel, Professor, Department of EEE, NIT Trichy held on 29.04.2017
    o Orientation Program on Rules and Regulations 2015 for newly recruited faculty by Dr. C. Poongodi, Autonomous Coordinator, held on 13.02.2017
- Criterion-III:
    o One-day State Level Workshop on Plagiarism and Citation Analysis – held on 8th April, 2017
- Criterion-IV:
    o Suggestions given for purchasing of code books and standards in the library and to use them in laboratory.

- Criterion-V:
  - Awareness on support services given to students through orientation programmes and faculty coordinators
  - Student Progression is tracked using various methods like 14-point indicators, Class Committee Meetings (CCM), Test Performance Report (TPR) after the Periodical Tests.
- Criterion-VI:
  - Conduct Academic and Administrative Audit in the various academic and administrative departments.
  - Imparting quality improvement strategies by framing guidelines for organizing guest lectures.
  - One Day Awareness Programme on ISO 9001:2015 - On 16th and 17th Nov 2016 for two batches.
  - Two Day Internal Auditor's Programme on ISO 9001:2015 - 0n 27th and 28th Nov 2016
  - Five Day Lead Auditor's Programme on ISO 9001:2015 - From 27th to 31st March 2017
- Criterion VII:
  - Wi-Fi facilities in all academic departments and hostels.
  - Suggestions for development of innovative products by students and faculty
  - Initiatives to create healthy ambience in the campus.

2.15 Plan of Action by IQAC/Outcome

The plan of action was 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	**87** seminars, workshops and conferences have been conducted for the benefit of students during the academic year.
Enhance the Industry internship to the students through IIPC	One-month internship introduced for pre-final year during summer vacation. **1088** students attended internship in industries
Conduct of Staff Training Programme	Faculty members were trained on Revised Bloom's Taxonomy method for handling classes, Laboratories and setting the question papers in **8** batches of four days each. Training conducted by ARC.
Activities for enhancing Placement and skill development of the students	www.careercup.com is a useful website for the students that gives tips for writing resumes, has interview questions and forum for discussion. Important Links on C Language – MCQ, Important Links on C Coding Test shared with students through email. Soft skill training programmes are also given at the department level. **179** placement training programmes for student were organized during the academic year 2016-17

*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	11	2	13	-
PG	15	-	15	-
UG	14	1	15	-
PG Diploma	-	-	-	-
Advanced Diploma	-	-	-	-
Diploma	-	-	-	-
Certificate	-	1*	1*	-
Others	-	1#	1#	-
Total	40	5	45	-

* PMKVY Scheme Certificate course on Sampling Tailor & Fabric Cutter - Apparel, Made Ups & Home Furnishing
# Yoga for Human Excellence

Interdisciplinary	-	180 (Open Elective Courses)		-
Innovative	-	49 (One Credit Courses) 64 (Self Study Courses) 3 (Value Added Courses)		-

1.2 (i) Flexibility of the Curriculum: CBCS/Core/Elective option / Open options
- CBCS was introduced from 2015-16 as per the 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
- Introduction of one credit courses like Sports, Music, NCC and NSS

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	43 (including Ph.D.)
Trimester	-
Annual	-

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

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

* sample feedback forms attached in the Annexure 2

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 UG and PG all Programmes
> 2. Introduction of new electives in curriculum, one- credit courses and revision of Lab experiments in existing curriculum. (3 electives, 11 Open electives, 14 one credit courses and 28 value added courses introduced in the academic year 2016-17)
> 3. Case studies are included in the syllabus and this would make learning effective
> 4. Application of Current technology is emphasised in the departments
> 5. Mini projects are introduced in the curriculum
> 6. CBCS is introduced

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

> B.Tech Food Technology with sanctioned intake of 60

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
596	495	37	46	18

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
495	-	37	-	46	-	18	-	596	-

2.4 No. of Guest and Visiting faculty and Temporary faculty | 15 | | - | | - |

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Presented papers	256	130	1
Resource Persons	3	12	145

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 introduced in the Institute. It ensures self-learning, peer learning, and group learning.
- Usage of NPTEL materials
- More access to the latest knowledge through on-line subscribed books and journals.
- Institutional/Industrial visits, field trips and internships are arranged.
- Induction program in the first week of the reopening of the College to introduce to 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 conducted.
- Special coaching for competitive exams – GATE, BEC and Foreign languages are arranged
- Foreign Languages – German, Chinese, French, Spanish and Japanese are offered

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

93(odd) + 95(even) = 188 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)

- Open type of questions wherever possible
- E-Hall ticket issued to students
- Mark entry of the end semester examinations through online during the evaluation of answer scripts.
- Declaration of Examination results within one week after valuation.

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

596

2.10 Average percentage of attendance of students

90.03

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	53	2	34	3	39	73.58
2	B.E. Civil	130	14	77	9	100	76.92
3	B.E. CSE	181	29	123	18	170	93.92
4	B.E. ECE	244	22	145	16	183	75.00
5	B.E. EEE	123	17	87	10	114	92.68
6	B.E. EIE	117	22	73	6	101	86.32
7	B.E. Mech	266	14	196	18	228	85.71
8	B.E. Mechatronics	68	8	36	8	52	76.47
9	B.Tech. BT	55	6	44	2	52	94.55
10	B.Tech. IT	104	23	66	5	94	90.38
11	B.Tech. TXT	53	5	30	5	40	75.47
12	B.Tech. FT	23	2	19	-	21	91.30
13	M.E. (CO)	5	2	3	-	5	100.00
14	M.E. (CSE)	6	5	1	-	6	100.00
15	M.E. (ED)	2	1	-	-	1	50.00
16	M.E. (ES)	1	1	-	-	1	100.00
17	M.E. (IE)	2	-	2	-	2	100.00
18	M.E. (ISE)	5	1	4	-	5	100.00
19	M.E. (PED)	7	3	4	-	7	100.00
20	M.E. (SE)	2	2		-	2	100.00
21	M.E. (STR)	13	1	12	-	13	100.00
22	M.Tech. (BT)	4	2	2	-	4	100.00
23	MBA	36	-	29	6	35	97.22

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

- Teaching learning process in classroom is monitored through Academic Resource Cell (ARC)
- Academic Audit Committee conducts academic audit for all the courses at regular intervals
- Feedbacks are received from students directly about course delivery, examination and evaluation, curriculum and syllabi by direct participation and also through online feedback, email, and written feedback given to the Departments.

2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	238
UGC – Faculty Improvement Programme	153
HRD programmes	1
Orientation programmes	9
Faculty exchange programme	1
Staff training conducted by the university/IIT etc	9
Staff training conducted by other institutions	19
Summer / Winter schools, Workshops, etc.	19

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	256	-	-	-
Technical Staff	190	-	-	-

Criterion – III

3. Research, Consultancy and Extension

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

a) Formation of Research Committee and Research Advisory Board to promote research activities
b) Promoting research activities and providing financial assistance for registration,
c) Identification of thrust areas for research
d) Establishment of more than 13 Collaborative areas for Research
e) Budget allocation for research and development activities
f) Seed money of Rs 2 Crores to promote innovative and inter-disciplinary research projects by the management every year
g) 2.5% of grant-in-aid award to the faculty members as incentive for Funded Research Projects by the Management
h) Faculty / Students given On–Duty Permission for attending workshops/ conferences / Part time Research works
i) Facilities with secretarial assistance to prepare research proposals
j) Organization of National level project design contest every year for intercollegiate students and cash prizes award to adjudged winners
k) Research Scholars to pursue Ph.D. with stipend.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	31	17	6	96
Outlay in Rs. Lakhs	307.83	310.45	126.41	4159.39

3.3 Details regarding minor projects (less than 5.0 Lakhs)

	Completed	Ongoing	Sanctioned	Submitted
Number	13	4	29	55
Outlay in Rs. Lakhs	44.59	11.10	13.63	88.92

3.4 Details on research publications

	International	National	Others
Peer Review Journals	125	3	-
Non-Peer Review Journals	245	9	-
e-Journals	1	-	-
Conference proceedings	6	3	-

3.5 Details on Impact factor of publications:

Range | 0.160 to 5.947 | Average | 3.05 | h-index | 20 (Max) | Nos. in SCOPUS | 100

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	Title
1	AICTE	PMKVY -TI	8,77,230.00	Dr.K.Sabarinath an /TEX	Sampling Tailor & Fabric Cutter - Apparel,Made Ups & Home Furnishing
	AICTE	SPDP	25,00,000.00	Dr.D.Saravanan	Skill and Personality Development Programme Centre for SC/ST Students (SPDP)
2	DST (SERB)	Project	20,38,600.00	Dr.B.Soundara Balu/ Asso.Prof / Civil	Waste Expanded Polystyrene (EPS) beads as Column material for the stabilization of expansive soils in Chennai, Tamilnadu, India
		National Conference	1,00,000.00	Dr.MLN Mohan / Prof/ ECE	Liquid Crystals Nanoscience 2016
		Project	33,95,780.00	Dr.Vasudevan Manogottiri	Implications of Co - Composting of Faecal - Rich Sewage on Soil Carbon and Nitrogen dynamics in a Sugarcane Mono-cultured land Tamilnadu
		Project	15,88,950.00	Dr.R.Praveena	Investigations of Medicinal Plants from Western Ghats for Flavonoids, its Antioxidant Activity: Experimental and Theroetical Validation
		Fellowship Grants	22,40,800.00	Dr.V.Sathish	Photoswitching properties of rhenium (I) based metal complexes - Applications towards luminescence sensors and in optical cell imaging
		FDP - NIMAT Project	2,50,000.00	Dr.V.Senthilku mar/AP(Sr.Gr)/ Civil	Structural Analysis

Sl.No	Grant Received From	Scheme	Sanctioned Amount (Rs.)	Name of the Investigator & Dept	Title
3	REACH	National Conferecne	1,00,000.00	Dr.Arunava Das	Molecular Characteristics of Multi Drug Reistance Bacteria: Causes,Consequences and Control'2017
		Travel Grant	85,210.00	Mr.Sunilkumar /ECE (Dr.Harikumar's Phd Student)	-
		Travel Grant	1,11,720.00	Dr.Rajasekaran /Physics	SPIE Photonics West 2017 (SPIE BIOS)
		FDP - NIMAT Project	1,00,000.00	Dr.G.Komarasamy /CSE	Entrepreneurship Development Camp
		Community Radio Station	20,000.00	Dr.G.M.Tamilselvan / Asso.Prof /EIE	TB Awareness Program
4	UGC	Project	1,92,000.00	R.Udhayakumar / Asst.Prof/Maths	Gorenstein Homological Algebra with Respect to Semidualizing Modules
5	Institutions of Engineers (India)	Seminar	30,000.00	Dr.R.Perumal Raj / Prof / FT	Latest Development in Technical Textile & Marketing of Techanical Textile Engineering Division
6	TNSCST	Young Scientist Fellowship	31,750.00	Dr.V.Dhanapal / Chemistry	Chemistry
		Young Scientist Fellowship	25,390.00	Dr.Arunava Das /Bio -Tech	Biotechnology
		Young Scientist Fellowship	31,100.00	Anandha Murthy A / Mech	Mechanical Engineering
		Young Scientist Fellowship	41,390.00	Dr V N Vijayakumar / Physics	Physics

Sl.No	Grant Received From	Scheme	Sanctioned Amount (Rs.)	Name of the Investigator & Dept	Title
		Workshop	50,000.00	L Vijayakumar / Bio - Tech	Training on innovative technology in agriwaste management to promote women agripreneurs in and around sathyamangalam
		Workshop	50,000.00	Dr.K.Balakrishnan / Bio - Tech	Bio -inoculants used as effective agariculture additives and their positive impacts on sustainable agriclture
		Student Project Scheme	10,000.00	Dr.K.P.Kannan / Bio -Tech	Extraction and Estimation of microbial food grade pigments from endophytic fungi
		Student Project Scheme	10,000.00	Dr.T.Rameshkumar / Mech	Automatic coconut loading and counting device
		Student Project Scheme	10,000.00	Dr B A Gowrishankar / Bio - Tech	Isolation and molecular characterization of bioactive peptides from marine gastropods for matrix metalloproteinase inhibition
		Student Project Scheme	10,000.00	Dr M Gunasekaran / IT	Harmful gas detection system in garbage bins
		Student Project Scheme	10,000.00	Mr.Rajeshkumar D / IT	Location based water pollution reduction system using lot
		Student Project Scheme	10,000.00	Dr M Pushpavalli / ECE	Corporation sewage maintenance system using mobile automation
		Student Project Scheme	10,000.00	Dr K Babu / Civil	Integrated Hydrogeological studies in Bhavani River,elongate on study to Bhavanisagar

Sl.No	Grant Received From	Scheme	Sanctioned Amount (Rs.)	Name of the Investigator & Dept	Title
					Dam,Erode, Tamilnadu , India using Geospatial Technology
		Student Project Scheme	10,000.00	Dr B Soundara / Civil	A Behavioural study on dynamic soil structure interaction for piled raft
		Student Project Scheme	10,000.00	Dr A Anandaha Moorthy / Mech	Solar and Foot opearted tricycle with foot controlled steering mechanism for disabled peoples
		Student Project Scheme	10,000.00	Dr V Sudarshana Deepa / Bio - Tech	Phytosome loaded with diallyl disulfide extracted from allium sativum for combating breast cancer through second order targeting
		Student Project Scheme	10,000.00	Dr B A Gowrishankar / Bio - Tech	Molecular Characteristics of lethal neurotoxic peptides from venomous marine snails
		Student Project Scheme	10,000.00	Dr Arunava Das /Bio - Tech	Extraction molecular characterization and structural determination of plantaicin for bio preservation
7	ISRO	National Seminar	25,000.00	Dr T V P Sundararajan /ECE	Application of Satellite in loT Based 5G Eco System

3.7 No. of books published   i) With ISBN No.   [1]   Chapters in Edited Books   [2]

ii) Without ISBN No.   [9]

Book Published / Book Chapter

S.No	Name of the staff/ department	Details of publication
1	Dr. P.Thangaraj B.Hemalatha / CSE	(i) "Computer Programming" for I B.E. students under Anna University, R-2013, Charulatha Publications, September 2016
2	Dr.P.Sivaraman Mr. P.P.Prem / EEE	(ii) "Maximum power point tracking for solar photovoltaic systems", LAP LAMBERT Academic Publishing GmbH & Co. KG, Germany April-2016. (Bearing ISBN-13:978-3-330-0680-9).
3	Dr.R.Harikumar, Mr.P.Sunilkumar and Dr.B.Vinoth Kumar / ECE	(iii) Comprehensive Analysis of Extreme Learning Machine and Continuous Genetic Algorithm for Robust Classification of Epilepsy from EEG Signals', Anchor Academic Publishing, Hamburg, Germany, November 2016. (iv) 'Comprehensive Analysis of Swarm Based Classifiers and Bayesian Based Models for Epilepsy Risk Level Classification from EEG Signals', Anchor Academic Publishing, Hamburg, Germany, February 2017 (v) 'KNN Classifier and K-Means Clustering for Robust Classification of Epilepsy from EEG Signals -A Detailed Analysis', Anchor Academic Publishing, Hamburg, Germany, March 2017
4	Dr. S. Jayalakshmi / MECH	(vi) Aluminium and Magnesium Metal Matrix Nanocomposites Springer Nature, Singapore, Jan 2017.
5	Dr.K.Premalatha /CSE	(vii) Texture Based Hand Vein Pattern Recognition, Anchor Academic Publishing, 2017. (viii) Heuristic Optimization for Feature Selection in Microarray Gene Expression Data for Cancer Classification, Anchor Academic Publishing, 2017 (ix) Stellar Mass Black Hole for Engineering Optimization, A volume in the Advances in Computational Intelligence and Robotics (ACIR) Book Series , IGI Global, pp. 62-90,2017 (Book Chapter) (x) A Hybrid Feature Selection Technique based on TOPSIS and Rough Sets for Cancer Classification in Intuitionistic Fuzzy Normalized Microarray Data, Anchor Academic Publishing, 2017. (Book Chapter)
6	Mr Nithyaprakash.V /FT	(xi) Ethnic styles and their local strengths, Book Publisher - Ethnic Fashion (Springer), PP- 131 to 167 International - June 2016
7	Dr Subrata Das/FT	(xii) Product Safety and Restricted Substances in Apparel, 2nd Ed.- Woodhead Publishing India In Textiles (International book publication), August 2016

3.8 No. of University Departments receiving funds from

UGC-SAP [ ]   CAS [ ]   DST-FIST [1]

DPE [ ]   DBT Scheme/funds [1]

3.9 For colleges   Autonomy [-]   CPE [-]   DBT Star Scheme [-]

                       INSPIRE [1]   CE [-]   Any Other (specify) [-]

3.10 Revenue generated through consultancy   Rs.7,21,650

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	1	6			
Sponsoring agencies		1			

3.12 No. of faculty served as experts, chairpersons or resource persons [91]

3.13 No. of collaborations   International [2]   National [3]   Any other [-]

3.14 No. of linkages created during this year [5]

3.15 Total budget for research for current year in lakhs:

     From Funding agency   Rs.140.04 Lakhs

From Management of University/College   Rs.150.1 Lakhs*

     Total   Rs.290.14 Lakhs

*Equipment of value more than 1 lakh are only included

3.16 No. of patents received during this year

Type of Patent		Number
National	Applied	5
	Granted	1
International	Applied	-
	Granted	1
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
19	5	9	4	-	-	1

3.18 No. of faculty from the Institution
    who are Ph. D. Guides

108

    and students registered under them

302

3.19 No. of Ph.D. awarded by faculty from the Institution   34

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

JRF   14   SRF   Project Fellows   Any other   6

3.21 No. of students Participated in NSS events:

University level   -   State level   200

National level   -   International level   -

3.22 No. of students participated in NCC events:

University level   -   State level   -

National level   80   International level   -

3.23 No. of Awards won in NSS:

University level   -   State level   2

National level   -   International level   -

3.24 No. of Awards won in NCC:

University level   -   State level   -

National level   3   International level   -

3.25 No. of Extension activities organized

University forum   -   College forum   150

NCC   23   NSS   29   Any other   -

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

BIT has established a Community Radio, with frequency of 90.4 MHz.

9 programmes were conducted through Community Radio.

39 members interacted with public through live programmes and 50 members interacted through recorded programmes.
Programme Schedule Enclosed as **Annexure 3**.

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	-		180 Acres
Class rooms	150	31		181
Laboratories	270	2		272
Seminar Halls	11	10	Management	21
No. of important equipments purchased (1-0 lakh) during the current year.	39			39
Value of the equipment purchased during the year (Rs. in Lakhs)	150.01 Lakhs			150.01Lakhs
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/receipt of books
- RFID based stock verification process
- Solar System 900 kW

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value Rs. In Lakhs	No.	Value Rs. In Lakhs	No.	Value Rs. In Lakhs
Text Books	75660	269	5529	33.00	81289	302.00
Reference Books	2050	96	50	0.20	2050	96.20
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	6269	-	-	-	-	-
Others (specify)	144	-	-	-	-	-

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	Others
Existing	2625	44	200Mbps	2	1	1	14	-
Added	112	1	300Mbps	-	-	-	1	-
Total	2723	45	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. 32.62 Lakhs

ii) Campus Infrastructure and facilities — Rs. 156.23 Lakhs

iii) Equipments — Rs. 16.34 Lakhs

iv) Others — Rs.210.04 Lakhs

Total : Rs. 415.23 Lakhs

Criterion – V
5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Facilitating learner eccentric environment with quality education
- Arrangement of feedback response from students, parents, and stakeholders
- Student support services like NCC, NSS, YRC and other club activities are informed to the students through their respective Faculty coordinators and also through orientation programmes in the beginning of the first year.
- Student Support services like Financial Aid, Government Scholarships, private sponsors etc. are informed to students during orientation programmes.
- 24 Hours resident Doctors available in the campus
- Professional counsellors available in the institution for counselling and guidance
- Training programmes for placement
- Value addition through additional courses like one credit courses and value added courses

5.2 Efforts made by the institution for tracking the progression

Student Progression is tracked using various methods like
- Students achievements are monitored through 14-point indicators
- Class Committee Meetings (CCM)
- Test Performance Report (TPR) after the Periodical Tests.
- Result analysis after end semester examinations

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
6319	179	302	-

(b) No. of students outside the state

53

(c) No. of international students

-

Men

No	%
4195	64.55

Women

No	%
2303	35.44

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
257	721	21	5326	6	6325	243	655	20	5580	-	6498

Demand ratio: 95.2%   Dropout % - 0.1

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

Regular GATE coaching classes conducted in the respective departments. Business English Courses (BEC) are conducted for students through Language Department for BEC certification.

No. of students beneficiaries

GATE-128
BEC-1628

5.5 No. of students qualified in these examinations

| NET | - | SET/SLET | - | GATE | 13 | CAT | - |
| IAS/IPS etc | - | State PSC | - | UPSC | - | Others | BEC-898 |

5.6 Details of student counselling and career guidance

Student Counselling: Students are counselled by Professional counsellors available in the institution for various problems. The interventions are made and the students are monitored for positive outcomes.

No. of students benefitted   48

5.7 Details of campus placement

On campus			Off Campus
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
43	1208	715	627

*200 Students received Dual offers

5.8 Details of gender sensitization programmes

1. Nalini Sampathkumar Motivational Speaker, Consultant Psychologist, Life Coach, Writer gave motivational talk on 26.09.2016
2. Mrs.B.Savitha, Advocate Erode delivered speech on Empowered Women on 27.09.2016
3. Navarathri Celebrations from 1.10.2016 to 09.10.2016 at Main   Auditorium
4. Participation of WDC in Eye Camp held on 19.11.2016 at James Matriculation School, Sathy.
5. Participation of WDC in Eye Camp 17.12.2016 at James Matriculation School, Sathy.
6. International Women's Day Celebrated on 08.03.2017 at Vedanayagam Auditorium

5.9 Students Activities

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

State/ University level   664   National level   -   International level   -

No. of students participated in cultural events

State/ University level   3   National level   International level

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

Sports: State/ University level   214   National level   -   International level   -

Cultural: State/ University level   1   National level   -   International level   -

5.10 Scholarships and Financial Support

Agency	Number of students	Amount in Rs.
Financial support from government	1991	1,38,28,435
Financial support from other sources	166	16,60,000

5.11   Student organised / initiatives

Fairs   : State/ University level   National level   11   International level   2

Exhibition: State/ University level   National level   1   International level

5.12   No. of social initiatives undertaken by the students   135

5.13 Major grievances of students (if any) redressed:

Sl. No.	Grievance	Redressal
1	Provide additional parking area	New parking area constructed
2	Provide toilet near play ground	Made available
3	More bandwidth for Wi-Fi required	Wi-Fi Bandwidth increased from 200Mbps to 500Mbps

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

VISION
- 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

MISSION
- 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 in house development)
- Evaluation and examination procedures (Result processing Software)
- Research administration (Intranet)
- Others (Google drive/ BIT Cloud and OPAC)

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

6.3.1   Curriculum Development

- Value systems for students and other stakeholders are created and integrated within curriculum and regulations.
- Yoga, sports, NSS / NCC, music / foreign languages are part of curriculum
- As per the guidelines of UGC TQM, Professional Ethics, Environmental Science and Managerial Economics are introduced in the curriculum.
- Design and Application oriented experiments in every laboratory course
- Needs of present students and stakeholders are identified and addressed in the form of additional elective courses
- Academic flexibilities (CBCS) are introduced
- Industry based training are given to the students through One Credit Courses, Value Added Course, Internship / In-plant training

- To meet out International challenges additional courses like German, Japanese, Chinese, French are included as a part of the curriculum for advanced learners to improve core competencies in the languages

6.3.2 Teaching and Learning

- Creative Learning Methodology (CLM) with Revised Bloom's Taxonomy (RBT) and Layered Learning methodology are in practice
- It ensures self-learning, peer learning, and group learning.
- NBA - Outcome Based Education (OBE) has been implemented in the curriculum and Teaching-Learning

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
- One theory course as a first step in each programme has been made as 100% internal evaluation through continuous assessment in all semesters
- Question Papers are prepared with 2D RBT CO and PO mapping
- Internal Question Paper Setting (Theory and Laboratory Courses) is under implementation
- Conduct of Ph.D. Comprehensive Examination by Controller of Examinations
- Question paper generation for periodical test through CAMPS software

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 besides complete reimbursement of registration, tuition and examination fee for 3 years
- 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
- Research Methodology 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 System is 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 are provided in the campus to keep the security intact

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), Research guidance
- Encourage faculty members to attend FDP in their field of interest
- Yoga classes for the faculty members

6.3.7 Faculty and Staff recruitment:

- The Faculty and staff are Recruited based on need for new programmes started, additional intake in existing programmes and any vacancy due to resignation of available faculty.
- Faculty members are recruited through interview process as per AICTE norms.
- Faculty members who prioritize research and develop collaborative research programs are preferred.

6.3.8 Industry Interaction / Collaboration

14 Memorandum of Understanding (MoU) signed with industries for student's internship, projects and mini projects. **333** Guest lectures delivered by experts from industries and **1088** students attended internship in industries

6.3.9 Admission of Students

Admission into various programmes are carried out as per the guidelines of DoTE and AICTE
Participation in Education Fair to attract more meritorious students

6.4 Welfare schemes for

Teaching	- Maternity Leave - Fully furnished rent free Staff Quarters a - Permission for part time Ph D provided to enhance research works
Non teaching	- Basic Software training was provided. - Compensation leave provided for working beyond college hours
Students	- 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	TUV NORD	Yes	Steering Committee
Administrative	Yes	TUV NORD	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 are collected with two sets. The end semester examination answer scripts are given dummy numbers and evaluation by central evaluation board consisting of external and internal examiners as per the Anna University guidelines.
>
> Question papers are scrutinized by Senior Faculty members / Professors from other institutions.

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

> Deputes members to BoS, Academic Council for facilitation and implementation of UGC / MHRD recommendations

6.11 Activities and support from the Alumni Association

- Regular meetings / conclaves as per the statutory requirements
- Reunion meet once in a year
- Feedback and suggestions are taken regarding choice / selection of resource persons for Guest Lectures, seeking expertise in Curriculum improvement, finding suitable experts for one-credit courses and internships / placements

6.12 Activities and support from the Parent – Teacher Association

- Suggestions in improving studies of the wards are discussed and feedback received
- Information is sent to parents regarding the performance of their ward including attendance

6.13 Development programmes for support staff

100 different programmes were attended by support staff including programme on Basic Etiquette, total station, energy conservation, fire safety and Android Application Development

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

Initiatives are taken to create healthy ambience in and around campus. They are:
- Tree plantation (closer to 17,500 trees)
- Water management (Rain water collection, Reuse and recycle)
- Sewage treatment (12 Lakh litres per day)
- Use of biogas (210 m^3 capacity)
- Use of solar energy (900 kW capacity)
- Use of vegetables from organic farming in Hostel mess (4000 to 5000Kg per month)
- Reduced usage of papers by automation
- Vermicomposting for waste disposal (2 Ton capacity)

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 classroom delivery and various soft skills. 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
- Enhanced Wi- Fi facilities
- Hostel Digital Library
- Principal Power in day today activities
- Apex Committee to take immediate action

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 2016-17

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.	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 ratified in the Academic Council meeting
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	Implemented
5	No end semester examination for laboratory courses and every experiment conducted by the student to be evaluated in each class.	Implemented
6	One theory course may be made as 100% internal evaluation through continuous assessment in all semesters.	Implemented
7	Survey to be made by the Language Department in coordination with Placement Cell to assess the outcome of number of students placed by taking advanced languages and other languages	Survey Questionnaire has been circulated, feedback received and being analysed
8	Guidelines for the organization of Guest lectures, Industrial Visits and Industrial training	Guidelines are framed
9	Guest lectures may be recorded in CD and may be kept as knowledge bank in the	Photos and presentations of Guest Lectures are maintained in the respective departments.

Sl. No	Decision	Action Taken
	Learning Centre	Recording is done.
10	Maintain the details of number of research scholars pursuing/Completed Ph.D. across the departments.	Details compiled and Documented
11	The publications, journals and norms of degree equivalence from Association of Indian Universities may be placed in the Learning centre	Orders placed.
12	Books related to Indian standards/European Standards may be placed in the Learning centre	Action is taken to purchase Code books for various Indian Standards from Bureau of Indian Standards

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 is recycled through sewage treatment plant and reused
- Solar Power Generation (900 kW)
- Biomass processed to produce biogas (capacity 210 m^3)
- Solar heaters are used in hostels for bathroom use
- Incandescent lamps are replaced with CFL and LED lights
- Compostable wastes are biocomposted to produce manures (2 Ton Capacity)
- Tree planting is done every year (2000 to 3000 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)

Bannari Amman Institute of Technology applied/participated in the surveys conducted by

(i) IMC Ramakrishna Bajaj National Quality Award

BIT is recognized consecutively for the 2nd year in a row for the best practices being followed (especially for the entrepreneurship development and sustainability measures) and awarded with IMC Ramkrishna Bajaj National Quality Awards & IMC Juran Quality Award 2016 and March 2017.

(ii) 5S Excellence Award

BIT has received an Award, **"5S Excellence Award 2016"** under service category from Confederation of Indian Industry (CII), New Delhi.

(iii) India Book of Records

Entered India Book of Records for creating 1000 Android APPS on a single day. BIT students' created 1000 APPs on 2nd March 2017 which was personally verified by an expert from India Book of Records. BIT has received an Award entitled, "India Book of Records" from New Delhi.

(iv) National Institutional Ranking Framework (NIRF)

BIT is placed in 101-150 rank band in NIRF 2017.

(v) OUTLOOK Magazine Survey 2017

Secured 41st Rank in Top 100 Engineering Colleges Survey 2017 Conducted by Outlook Magazine during April 2017

(vi) Competition Success Review (CSR)- GLOBAL HUMAN RESOURCE DEVELOPMENT CENTRE (GHRDC) Engineering Colleges Survey 2017

✓ Secured 4th position in Ranking of Top Engineering Colleges of Eminence.

✓ Secured 17th position in Ranking of Top 25 Engineering Colleges based on Placements, Unique selling Point, Social Responsibility and Networking & Industry Interface.

✓ Secured 17th position in Ranking of Top 25 Engineering Colleges based on Faculty, Research, Consultancy, EDP and Other Programmes

✓ Secured 5th position in Ranking of Top Engineering Colleges in Tamil Nadu among Top 24 private Institutes.

(vii) India Today Survey 2017

Ranked 7th Position among TOP 10 Promising Engineering Colleges in India by India Today Survey 2017

(viii) Participated in Swachh Bharat competition initiated by MHRD and BIT has been selected one among top 174 institutions out of 3500 institutions
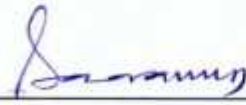
8. **Plans of institution for next year**

Parameter for Qualify 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 increase the strength of Ph.D. holders from 30-35%.
	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 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 can be increased further in academic areas and hostels.
	To complete the construction of new blocks for Agricultural Engineering and Automobile Engineering. Further increase 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 2nd 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.
	To undertake the developmental activities of the nearby schools by providing training / providing access to the resources.
Innovative Practices	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. D SARAVANAN

Signature of the Chairperson, IQAC

_____ *** _____

Annexure 1 Academic Calendar of 2016-17

Tentative Academic Schedule for the Academic Year 2016 - 2017

Date	Event
JULY 11, 2016	Class Work Commencement for S7, S5, S3 B.E./B.Tech and S3 M.E./M.Tech. and S3 MBA and regulations of the hostel.
AUG 3, 2016	Class Work Commencement for S1 B.E./B.Tech
AUG 12, 2016	International Youth Day
AUG 29, 2016	Class Work Commencement for S1 M.E./M.Tech. and S1 MBA
AUG 29, 2016	Periodical Test-I for S7, S5, S3 B.E./B.Tech and S3 M.E./M.Tech. and S3 MBA
SEP 5, 2016	Teachers Day
SEP 15, 2016	Engineers' Day
OCT 3, 2016	Periodical Test-I for S1 B.E./B.Tech
OCT 15, 2016	Youth Awakening day
OCT 15, 2016	World Food Day
OCT 17, 2016	Periodical Test-I for S1 M.E./M.Tech. and S1 MBA
NOV 2, 2016	Periodical Test-II for S5, S3 B.E./B.Tech and S3 M.E./M.Tech.,
NOV 8, 2016	End Semester Practical Examinations for S7 B.E./B.Tech.
NOV 12, 2016	End Semester Theory Examinations for S7 B.E./B.Tech.
NOV 18, 2016	End Semester Theory Examinations for S5, S3 B.E./B.Tech and S3 M.E./M.Tech. Classes
NOV 19, 2016	International Men's Day
NOV 26, 2016	Constitution Day
NOV 29, 2016	Periodical Test-II for S1 B.E./B.Tech
DEC 1, 2016	Class Work Commencement for S8
DEC 5, 2016	Periodical Test-II for S1 M.E./M.Tech. and S1 MBA
DEC 8, 2016	End Semester Practical Examinations for S1 B.E./B.Tech

DEC 13, 2016	End Semester Theory Examinations for S1 B.E./B.Tech
DEC 14, 2016	Class Work Commencement for S4, S6 and S4 M.E./M.Tech and S4 MBA
DEC 16, 2016	End Semester Practical Examinations for S1 M.E./M.Tech and S1 MBA
DEC 19, 2016	End Semester Theory Examinations for S1 M.E./M.Tech and S1 MBA
DEC 22, 2016	Project Review Phase-I for S4 M.E/ M.Tech
DEC 26, 2016	Class Work Commencement for S2
DEC 27, 2016	Class Work Commencement for S2 M.E./M.Tech and S2 MBA
JAN 23, 2017	Periodical Test-I for S8 B.E./B.Tech
JAN 30, 2017	Project Review Phase-II for S4 M.E/ M.Tech
JAN 30, 2017	National Cleanliness Day
FEB 6, 2017	Periodical Test-I for S4, S6 B.E./B.Tech and S4 M.E /M.Tech and S4 MBA
FEB 20, 2017	Periodical Test-I for S2 B.E./B.Tech and S2 M.E./M.Tech and S2 MBA
FEB 21, 2017	Matribhasha Diwas (Mother Tongue Day)
MAR 2, 2017	Project Review Phase-III for S4 M.E/ M.Tech
MAR 8, 2017	International Women's Day
MAR 18, 2017	Periodical Test-II for S8 B.E./B.Tech
MAR 22, 2017	World Water Day
MAR 27, 2017	End Semester Project work viva voce for S8 B.E./B.Tech
MAR 30, 2017	End Semester Theory Examinations for S8 B.E./B.Tech
APR 7, 2017	Periodical Test-II for S4, S6 B.E./B.Tech and S4 M.E / M.Tech and S4 MBA
APR 7, 2017	World Health Day

APR 18, 2017	Periodical Test-II for S2 B.E./B.Tech and S2 M.E / M.Tech
APR 20, 2017	End Semester Practical Examinations for S4, S6 B.E./B.Tech and S4 M.E / M.Tech
APR 26, 2017	End Semester Theory Examinations for S4, S6 B.E./B.Tech and S4 M.E / M.Tech
APR 28, 2017	End Semester Practical Examinations for S2 B.E./B.Tech and S2 M.E / M.Tech
MAY 2, 2017	End Semester Theory Examinations for S2 M.E / M.Tech
MAY 4, 2017	End Semester Theory Examinations for S2 B.E./B.Tech
JUNE 5, 2017	World Environment Day
JUNE 14, 2017	World Blood Donor Day
JUNE 21, 2017	International Yoga Day

<u>Employer Survey</u>

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!

EVENING 5.00- 10.00

4.55	**1k Tone** – Alert Tone
5.00 - 6.00	**Students Talents-**
	பள்ளி /கல்லூரி மாணவர்களின் பல்வகை நிகழ்ச்சிகள்
6.00-6.30	**Agri Tech** – "வேளாண் தொழில் நுட்பங்கள்"
	கண்டுபிடிப்புகள் , வேளாண் விற்பனை, வெற்றிகதைகள் , கற்று குழு மாசபாடு , அரசு திட்டங்கள் வங்கி சேவை, கடனுதவி வழிகாட்டி ...
6.30-7.00	**Law and Act** "நட்டுவிகள் திறக்கப்படும்"
	நுகர்வோர் சட்டம் , பெண்களுக்கான சட்டங்கள் , சிறார்களுக்கான சட்டங்கள் , தனி மனித சட்டங்கள் , வனவியல் சட்டம் , குற்றவியல் சட்டம் ,சட்டம் A-Z,
7.00-7.30	**Students Park** –"கல்வி சோலை"
	மாணவர்களுக்கான விழிப்புணர்வு மற்றும் நிகழ்ச்சி, என்ன படிக்கலாம் , எங்கு படிக்கலாம் ,போட்டி தேர்வுகளில் தேர்ச்சி பெறுவது எப்படி , எந்த கல்லூரி எந்த course?,
7.30-8.00	**Women's hub-** "பெண்ணால் முடியும்"
	பெண்களுக்கான வேலைகள் , தொழில் , உரிமைகள் , பெண் சாதனையாளர்கள், மரபுசார்ந்தில் வாழும் பெண்கள் , பெண்தொழில்நுட்பங்கள் மற்றும் வளரிளம் பெண்களுக்கான வழிகாட்டும் தகவல்கள் .....
8.00-8.30	**Success Story-** "சிந்தனை எழு சிகரம் தொடு"
	வெற்றியாளரின் அனுபவங்கள் , வெற்றி பெறுவது எப்படி, வெற்றிகதைகள் , ... தன்னம்பிக்கை தகவல்கள் ...
8.30-9.00	**Humour Club-** "மனமகிழ் மன்றம்"
	நகைச்சுவை துணுக்குகள், சமூக விழிப்புணர்வு நாடகங்கள்,
9.00-9.30	**Leaders life history/World history** – "தன்னம்பிக்கை தகவல்கள்"
	உலக தலைவர்களின் வரலாறை வரலாறு , உலக நாடுகளின் வரலாறு மற்றும் சுவையான தகவல்கள்
9.30.10.00	"அமுதை பொழியும் நிலவு"
	பழைய திரையிசைபாடல்கள் ,