

**The Annual Quality Assurance Report (AQAR) of the
IQAC
2017 - 2018**



Submitted by

Internal Quality Assurance Cell [IQAC]

E.G.S. PILLAY ENGINEERING COLLEGE

(Accredited by NAAC with 'A' Grade)

(NBA Accredited Programs B.E (CSE,EEE and Mechanical))

NAGAPATTINAM – 611 002

Submitted to



National Assessment and Accreditation Council

An Autonomous Institute of the University Grants Commission

P. O. Box No. 1075, Nagarbhavi, Bangalore - 560 072

Karnataka, INDIA

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The Annual Quality Assurance Report (AQAR) of the IQAC

Part – A

AQAR for the year

2017-2018

1. Details of the Institution

1.1 Name of the Institution

E.G.S. PILLAY ENGINEERING COLLEGE

1.2 Address Line 1

Old Nagore Road, Thethi Village

Address Line 2

Nagore - Post

City/Town

Nagapattinam

State

TamilNadu

Pin Code

611002

Institution e-mail address

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iqac@egspec.org

1.3 NAAC Track ID- TNCOGN22911

1.4 Website address:

<http://www.egspec.org>

Web-link of the AQAR:

http://www.egspec.org/EGSPEC_AQAR_2017_18.pdf

1.5 Accreditation Details

Sl.No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	A	3.02	2016	From March'16,2016 To March'16'2021
2	2 nd Cycle				
3	3 rd Cycle				
4	4 th Cycle				

1.6 Date of Establishment of IQAC:

02.01.2015

1.7 AQAR for the year(*for example 2010-11*)

2017 - 2018

1.8 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*): - May-2017

i AQAR 2016-17 ----- (15/05/2017)

1.9 Institutional Status

University State Central Deemed Private

Affiliated College Yes No

Constituent College Yes No

Autonomous college of UGC Yes No

Regulatory Agency approved Institution Yes No

(eg. AICTE, BCI, MCI, PCI, NCI)

Type of Institution Co-education Men Women

Urban Rural Tribal

Financial Status Grant-in-aid UGC 2(f) UGC 12B

Grant-in-aid +Self Financing Totally Self-financing

1.10 Type of Faculty/Programme

Arts Science Commerce Law PEI(PhysEdu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

-

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

Anna University, Chennai

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

Autonomy by State/~~Central~~ Govt. / University

University with Potential for Excellence

-

UGC-CPE

-

DST Star Scheme

-

UGC-CE

-

UGC-Special Assistance Programme DST-FIST

UGC-Innovative PG programmes Any other (*Specify*)

UGC-COP Programmes

2. IQAC Composition and Activities

2.1 No. of Teachers

2.2 No. of Administrative/Technical staff

2.3 No. of students

2.4 No. of Management representatives

2.5 No. of Alumni

2.6 No. of any other stakeholder and
Community representatives

2.7 No. of Employers/ Industrialists

2.8 No. of other External Experts

2.9 Total No. of members

2.10 No. of IQAC meetings held

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

Implementation of Outcome Based Education and Choice based credit systems

2.14 Significant Activities and contributions made by IQAC

- The main activity being formulation of plan of action and ensuring the execution of all activities
- Improved the Graduation Results & University Ranks
- Enhanced employability by implementing personality development programs, value added certificate courses & pre-placement training program for the students
- Established linkages with Industries
- Career Guidance and Placement Cell strengthened
- Upgraded library by subscription to e-journals (IEEE)
- More avenues for students to engage in community services
- Sensitizing students to ecological and environmental issues
- Publication of Journals of international standards
- Seminars, conferences and invited talks arranged for students & Faculty members

- Conduction of International Conference every year.
- Conduction of Faculty development programme every year
- More extension activities
- Governing council meeting held on a regular basis with members of the committee as a part of Academic Review activity

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	Outcome Achieved
Conduct national level seminars/conferences/workshops by all departments.	Conducted by all the departments
Energize the activities of all the clubs and forums in the college.	All the clubs are conducting events periodically
Complete the Construction work of the separate amenities block	Amenities block construction completed
Quality enhancement programmes to students, teachers and administrative staffs.	Conducted the programmes
International Conference	Conducted the programmes
Quality Publication (By Faculty members)	Papers are publishing in reputed journals
Conduct IQAC Internal & External Academic Audit, Log book Verification, External Audit	Conducted for all the departments
Initiate social responsibility activity	Programme conducted by NSS

The Academic Calendar of the year is attached as Annexure I.

2.15 Whether the AQAR was placed in statutory body Yes

Management

Syndicate

Any other body

Provide the details of the action taken

AQAR was placed for discussion and ratified in the meeting of Governing Body Meeting. The above tasks were discussed and approved in last year IQAC meeting. For each task, a task in-charge was assigned. Different faculty members who made arrangements for achieving the task yielded the successful outcome of the task.

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	05			
PG	07	1		
UG	06			
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others				
Total	18	1		15
Interdisciplinary	-	-	-	-
Innovative	-	-	-	-

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

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	18
Trimester	-
Annual	-

For I year autonomous students from (2017-18) onwards CBCS is followed. For II year to IV year students semester pattern is followed.

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

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

Analysis of the feedback is attached as Annexure II

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

- Regulation, Curriculum and Syllabus framed by Anna University and by the college for autonomous (I year Students) by conducting Board of studies meeting and Academic Council Meeting.
- As per the curriculum, every programme has been designed with the following components:
 - i) Programme Educational Objectives (PEO)
 - ii) Programme Outcomes (POs)
 - iii) Programme Specific Outcomes (PSOs)
- The courses of the respective programme have been designed with the following:
 - i) Course Objectives
 - ii) Course Outcomes (COs)
- The pedagogy has been revamped on the basis of the above standards.

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
	172	113	36	23	-

2.2 No. of permanent faculty with Ph.D.

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
21	0	4	0	9	0			34	0

2.4 No. of Guest and Visiting faculty and Temporary faculty

1	0	0
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2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	47	16	2
Presented papers	46	8	4
Resource Persons	1	8	2

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

- Introduced new teaching methods such as role play, mind mapping etc
- Use of ICT in teaching learning process
- Establishing the Course Plan for every subject well before the commencement of each semester along with the course hand outs which are made available to all students on the start of the academic year
- Teacher's study materials [soft copy-power point/PDF presentation] are shared with students
- Teaching faculty and students are encouraged to use latest technology such as LCD, internet, NPTEL videos etc., in the teaching learning process
- Innovative teaching methods such as role play, mind mapping, puzzles etc were practiced in class rooms
- Faculty members have been permitted to undergo Faculty Development Programme (FDP) for acquiring subject exposure, thereby the process of teaching-learning has been strengthened.
- Refresher courses and bridge courses are conducted for first year and lateral entry students for the smooth academic transition towards Engineering pedagogy.
- Motivating faculty members for submitting their research proposals as major, minor research projects to various funding agencies and intramural research fund by management. The theme of the proposal is also discussed with the students, thereby the learning ability of the students has been enriched towards research excellence

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

205 - 215

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

The following sorts of reforms are under practice:

As per the University norms, the photocopy of the answer script can be obtained by the students for the purpose of revaluation. The received answer script is evaluated by the faculty expert and submitted by the students for revaluation. If the student does not feel satisfied with the result of revaluation, the University offers “Challenge option”, which can be initiated by a student.

For First Year autonomous students the above said procedure is applied.

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

-	-	-
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2.10 Average percentage of attendance of students

85%

2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total No. of Students Appeared	Division				
		Distinction %	I Class %	II Class %	III Class %	Pass %
B.E (ECE)	123	-	74	4	-	78
B.E (CIVIL)	135	1.29	44.15	54.56	-	57.03
B.E (MECH)	142	-	89	2	-	64
B.E (EEE)	73	-	47	20	-	67
B.E (CSE)	97	-	61	7	-	68
B.E(IT)	38	-	24	-	-	63
M.E (Manufacturing)	4	-	75	-	-	75
M.E (PED)	6	-	4	-	-	67
M.E (CSE)	9	-	9	-	-	100
M.E(CS)	8	12.5	62.5	-	-	75
MBA	49	-	51	31	-	82
MCA	64	21.8	78.2	-	-	100

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

- IQAC assists the college in preparing Academic Plan every year
- It publishes “ Academic Calendar” each year and issues to all the faculty and students incorporating the Academic Plan in it
- Faculty Development Programmes and orientation programmes are arranged for enhancing professional competency and teaching skills of the faculty.
- It ensures that the Departments provide course outline and course schedule to the students prior to the commencement of the academic session.
- Apart from traditional lecture method of teaching, the IQAC advocates student centric learning - a process in which group discussions, interactive session, seminars , articles / book review, conducting various academic related activities , extension activities, each students, participation in skill development programmes, learning value/ ethics based courses etc., are involved.
- The use of ICT, e-learning, e-books on-line journals, software meant for teaching are the latest technologies in operation at the initiatives of IQAC.
- The college adopts mentor/ tutor system to look after the learning capabilities of students individually.
- Feedback system is adopted to evaluate the teacher’s performance by students / alumni.
- Student’s performance is evaluated through Internal Assessment Exam [IAE] and End semester Examinations and students Grievance if any is fully addressed by means of well established mechanism.
- Each department is allotted with 14 different co-ordinators to lookj into academic, teaching, research, placement, student support etc.
- The monitoring system in respect of teaching, learning and evaluation is manifold such as, IQAC, feedback from stakeholders, Management Review, Internal Audit by IQAC and ISO surveillance Audit by external agency.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	57
UGC – Faculty Improvement Programme	40
HRD programmes	12

Orientation programmes	28
Faculty exchange programme	15
Staff training conducted by the university	17
Staff training conducted by other institutions	51
Summer / Winter schools, Workshops, etc.	43
Faculty Self appraisal system	36

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	60	10	10	-
Technical Staff	55	3	3	-

Criterion – III

3. Research, Consultancy and Extension

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

- Introduction of seed money up to 1 lakh to students and Faculty projects to promote research culture.
- Motivating students to do many innovative projects and participate in competitions at National and International level
- Directing towards publication of papers in quality journals by students and faculty members.
- Establishing research and innovation club in each department.

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	-	-	5
Outlay in Rs. Lakhs	-	-	-	50 lakhs

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	5	8	6	22
Outlay in Rs. Lakhs	4.18	8.4	4.02	19.67

3.4 Details on research publications

	International	National	Others
Peer Review Journals	13	-	-
Non-Peer Review Journals	28	-	-
e-Journals	2	-	-
Conference proceedings	44	7	-

3.5 Details on Impact factor of publications:

Range Average h-index Nos. in SCOPUS

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

Nature of the Project	Duration Year	Name of the funding Agency	Total grant Sanctioned	Received
Interdisciplinary Projects	-	-	-	-
Industry sponsored	-	-	-	-
Projects sponsored by the University/ College	1	PMKV	4,50,000	4,50,000
	6	EGSPEC	2,20,000	2,20,000
Students research projects <i>(other than compulsory by the University)</i>	1	ISTE	10,000	10,000
	4	TNCST	45,000	45,000
Any other(Specify)	1	BFSI Traning Programme (TNSCST)	25,000	25,000
	1	Capacity Building, Tamil Nadu State council for science and Technology	1,00,000	1,00,000
	1	TAHDCO/ICTACT	56,000	56,000
	4	Training Programmes	60,000	60,000
Total	19	-	9,66,000	9,66,000

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

4.37

3.11 No. of conferences

Organized by the Institution

Level	International	National	State	University	College
Number	9	3	-	-	-
Sponsoring agencies	IEEE	EGSPEC			

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

18

3.13 No. of collaborations

International

3

National

8

Any other

1

3.14 No. of linkages created during this year

11

3.15 Total budget for research for current year in lakhs:

From Funding agency

-

From Management of University/College

5,45,000/-

Total

5,45,000/-

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	-
	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
37	12	2	8	-	-	15

3.18 No. of faculty from the Institution

10

who are Ph.D. Guides

and students registered under them

95

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

10

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: 04

University level State level
National level International level

3.22 No. of students participated in NCC events: 01

University level State level
National level International level

3.23 No. of Awards won in NSS: Nil

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 YRC & RRC

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

Enclosed Annexure – III for 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	37.1	-	Management	37.1
Class rooms	66	-	-do-	66
Laboratories	18	-	-do-	18
Seminar Halls	4	-	-do-	

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

4.2 Computerization of administration and library

- College Office, Office of the controller of Examinations, Library and the entire administrative processes are completely computerized and interlinked with LAN connection.
- Wi-fi enabled campus
- OPAC software is installed in the library
- University correspondence is in digitalized mode (Online Entry of Internal Marks and Attendance)
- E-journals facility
- Parent intimation through online system

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	49248	1,747,1306.91	-	-	49248	1,747,1306.91
Reference Books	822	1,56,180	-	-	822	1,56,180
e-Books	25	9500	-	-	25	9500
Journals	160	5,00,000	-	-	160	5,00,000
e-Journals	1401	21,00,000	-	-	1401	21,00,000
Digital Database	--	--	-	-	--	--
CD & Video	883	--	-	-	883	--
Others (book bank)	1246	2,63722.10	-	-	1246	2,63722.10

4.4 Technology up gradation (overall) (**ONLY FOR CSE, IT and MCA DEPT**)

	Total Computers	Computer Labs	Internet (Mbps)	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	458	7	64	11	5	2	7	-
Added	-	-	-	20	2	1	-	-
Total	458	7	64	31	7	3	7	-

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

- Computer and internet facility round the clock
- Internet access in boys and Girls hostel after 5:00pm
- Wi-Fi Enabled Campus
- Value added Course relevant to their subjects
- Faculty Development Programmes and workshops in emerging area [Big Data, Hadoop, Cloud Computing, E-Governance etc] for faculty and students.

4.6 Amount spent on maintenance in lakhs :

i) ICT	<input type="text"/>
ii) Campus Infrastructure and facilities	<input type="text"/>
iii) Equipments	<input type="text"/>
iv) Others	<input type="text"/>
Total :	<input type="text"/>

Criterion – V

5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

The IQAC renders information and support that the students and the alumni need.. It also ensures that the students are provided with skills and competencies needed for successful competition in the employment market.

IQAC creates awareness about Student Support Services through

- Class committee / Representative meetings
- Information display on website / notice board.
- Grievance Redressal Cell mechanisms
- Provided Question Bank System in department under two streams namely (i) Question bank of previous year, (ii) Question Bank with solved answers.
- Provision of E-Learning resources for the improved success rate in the examination.
- Encourage students to convert their project outcomes as publications.
- Establishing ICT enabled class rooms in all the departments.
- Introducing Innovative remedial mechanism for the failure students with more involvement by the faculty members with the pedagogy namely “Activity based learning system” for slow learners.
- Establishing “Best Research Paper award” for the paper publications by the students in reputed journals.
- Formation of “Toppers Academy” for identifying the creamy layer students who are eligible for specialized training.
- Promotion of “Monthly Students Award Scheme” for the students who achieved excellence in Academic/Sports and others.
- Course materials are provided in the *Cloud* environment

5.2 Efforts made by the institution for tracking the progression

- ❖ Each department maintains records related to programme – Admission, Success rate, percentage of students progressing to higher education or employment etc.
- ❖ Tracking the progression is done by:
 - Monitoring academic performance by continuous evaluation
 - Regular monitoring of students attendance and participation in co-curricular and extracurricular activities.
 - Regular observation
 - Regular meetings/monitoring
 - Faculty involvement through counseling system.
 - Regular feedback from students

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
2101	416	-	-

(b) No. of students outside the state

(c) No. of international students

	NO	%
Men	1580	63

	NO	%
Women	937	37

2016-17						2017-18					
Gen	SC	ST	OBC	Phy. Challenged	Total	Gen	SC	ST	OBC	Phy. Challenged	Total
35	845	9	1709	1	2599	34	1004	1	1477	1	2517

Demand Ratio

Drop out %

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

- The Quantitative Aptitude and Logical Reasoning has been made mandatory for all students.
- The Materials required to prepare for competitive examinations are purchased and made available to the students in the library.
- Journals / Magazines related to competitive examinations are kept in the library.

No. of students beneficiaries

850

5.5 No. of students qualified in these examinations:

NET	-	SET/SLET	-	GATE	10	CAT	3
IAS/IPS etc	-	State PSC	-	UPSC	-	Others	8

5.6 Details of student counselling and career guidance

A separate counselor is allotted to each student.

No. of Students per counselor/Tutor - 20

- Mode - Personal Meeting
- Area – Academic, Personal problem, Grievances and Motivation for better performance
- Reporting - Monthly Report to the Head of Departments.
- Monitoring : HoDs are responsible to monitor counseling and career guidance process

A separate training and placement cell is established for career guidance

No. of students benefitted

20-30

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
36	350	290	45

5.8 Details of gender sensitization programmes

As per the AICTE guidelines “Women Empowerment Cell” has been framed in the Institution and it regularly organizes various programmes for students and faculty members. The Women Empowerment Cell celebrated the “World Women’s Day”. During the period from 01/03/2016 to 03/03/2016, series of competitions namely, Poetry, Classical Dance, Mehandhi, Pencil Drawing, Concentration & Surprise Games and Tongue Twister Game have been organised for girl students and for female faculty members. These kinds of opportunities were arranged to show their performance in different talented activities. In total 250 students and 50 faculty members have participated in the contest and 45 of them won various prizes.

5.9 Students Activities

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

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

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

Sports: State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

	Number of students	Amount
Financial support from institution	168	29,45,000
Financial support from government	633	4,10,95,000
Financial support from other sources	08	80,000
Number of students who received International/ National recognitions	-	-

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

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

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

VISION

Envisioned to transform our institution into a “GLOBAL CENTRE OF ACADEMIC EXCELLENCE”

MISSION

1. To provide world class education to the students and to bring out their inherent talents.
2. To establish state-of- the-art facilities and resources required to achieve excellence in teaching -learning, and supplementary processes.
3. To recruit competent faculty and staff and to provide opportunity to upgrade their knowledge and skills.
4. To have regular interaction with the Industries in the area of R&D, and offer consultancy, training and testing services.
5. To establish centers of excellence in the emerging areas of research.
6. To offer continuing education, and non-formal vocational education programmes that are beneficial to the society.

6.2 Does the Institution has a management Information System

Nil

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

6.3.1 Curriculum Development

Quality curriculum is developed taking into account the views of all stakeholders students, alumni, subject experts, faculty expertise and industrial experts. Industry based curriculum with societal impact is the key point in developing the curriculum

6.3.2 Teaching and Learning

- Adopting **interactive method, project-based learning, computer-assisted learning, experiential learning, Centric learning, seminars, guest lectures, group discussions** to make teaching and learning as efficient and effective process.
- Use of teaching aids like OHP and LCD Projector in addition to Conventional lecture method.
- Web based learning and Visual class rooms are used to enrich their knowledge in latest Technologies.
- Providing practical experience by way of hands on training, mini projects and additional lab experiments beyond the syllabus.
- Providing Internet facilities during college hours and beyond to have exposure to latest trends.
- Arranging guest lecturers by inviting experts from Industries, Research Organizations and Educational Institutions in the emerging field to enable the staff and students to learn new technologies.
- Interaction sessions are arranged with people from Industries to have a clear idea regarding the industrial needs.
- Encouraging the learners to ask questions during teaching process (Learn by Queries) in order to clear the doubts while grasping the subject.

- Submitting assignments / Innovative works on various topics.
- Conducting seminars and presenting papers in the class, provides platform for discussion among the learners.
- Visiting Industries, Exhibitions, Trade Fairs etc., helps to enhance their knowledge.
- Participating and presenting papers in symposiums, Conferences, Displaying their Project etc., helps to exhibit their talents.
- Arranging Professional Trainers from reputed organization to develop their aptitude, communication, personality development and other soft skills.
- Identifying the slow learners and adopting remedial measures to improve

6.3.3 Examination and Evaluation

All components in any programme of study are evaluated continuously through internal assessment and an external assessment. Internal assessment is done throughout semester in the form of internal assessment examinations and assignments. External evaluation is done at the end of semester in the form of end examination.

6.3.4 Research and Development

- A separate Research and Development cell is functioning with a designated R & D Director.
- Efforts are being taken to obtain research projects, grants from funding agencies.
- Providing monetary incentives to the staff and students for presenting research papers in State. International, National level Seminar and Symposium
- Encouraging faculty to enhance their qualification [M.Phil/ Ph.D., programme]
- For SCI, SCE & Scopus journal publications management is providing cash awards as grant.

6.3.5 Library, ICT and physical infrastructure / instrumentation

Library

Library Committee suggested a list of books based on interaction with the students and faculty members. This list was forwarded to concerning authority for sanction and purchase of books.

ICT Infrastructure

LCD projectors, Desktops, printers, Internet switches, Dot matrix printers, UPS, application software and systems software's

Physical Infrastructure

E.G.S.Pillay Engineering College has sufficient infrastructures which includes, seminar Halls equipped with internet and projectors. Office , Class rooms , Boys common rooms, Girls common rooms, Laboratories equipped with necessary hardware and software, communication Laboratory, Research Laboratory , Library, Internet and wi-fi facility in the entire building.

The academic schedule is drawn at the beginning of the academic year itself in such a way that the available Air Conditioned Seminar Halls, Language Lab, Computer Centres, Hardware Labs, Audio Visual Rooms, LCDs, Play grounds, Gym, Digitalized Library, Dynamic Website, 24x7 Wi-Fi Campus.

Sports

The institute has several sports facilities like Gym. Hall, Play grounds, carom boards, chess boards, badminton kits, cricket kit, TT kit, volleyball, football, etc. are available

6.4 Welfare schemes for

Teaching	<ul style="list-style-type: none">• Certificates of appreciation for producing 100% results in theory subjects and 90% and above results in analytical subjects in University examinations in the subjects handled.• Monetary incentives for publication / presentation of papers in peer-reviewed Journals and Conferences.• Granting permission for attending Conferences, Seminars, Workshops ,Faculty Development Programme , Summer /Winter school etc• Permission to register for doing M.E/ Ph.D., programmes to enhance their qualifications.• For SCI, SCE & Scopus journal publications management is providing
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	cash awards as grant • Some other benefits : Medical leave facility On duty facility Provident fund
Non – Teaching	➤ Concessional Transport Facility ➤ Medical leave facility
Students	➤ Financial assistance to economically weaker students ➤ Merit Scholarship based on their academic performance ➤ Student Awarded for their performances ➤ State/Central Government Scholarship facilities ➤ Subsidized Bus Fare

6.5 Total corpus fund generated

-

6.6 Whether annual financial audit has been done Yes No

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

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	IQAC	Yes	IQAC
Administrative	Yes	GCM	Yes	GCM

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

For UG Programmes Yes No

For PG Programmes Yes No

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

1. Affiliated to Anna University, Chennai
2. For Regulation 2013 University introduced Part – C pattern (15-Mark) Case Study or Application oriented question
3. From 2017-18 batch onwards the college has got state level autonomous status .
4. For I year (Autonomous)- Regulation 2017 is followed.
5. Choice based credit system is introduced from 2017-18 onwards.

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

Anna University, Chennai has taken the following efforts to promote autonomy:

- Academic freedom in autonomous colleges by encouraging introduction of innovative academic programmes
- Facilitate new courses of study, subject to the required minimum number of hours of instruction, content and standards
- Permitting them to issue their own provisional, migration and other certificates
- To reduce work effort by university people and with depute various nominees of the university to serve in various committees of the autonomous colleges and get the feedback on their functioning
- Providing opportunity to conduct examination more innovatively
- Academic flexibility to the institute
- The University Reviews the functioning of autonomy once in three years.
- Nominates its representatives to the statutory bodies - Board of Studies, Academic Council and Governing Body.

6.11 Activities and support from the Alumni Association

- The alumni association has been established to have strong linkage
- They also make generous contribution for the development of the college and students.
- An alumni meeting is conducted every year in the month of March/April.
- They regularly interact with the students to create corporate awareness.
- Guest Lecture are conducted through alumni.
- Department wise meeting is also held at least once in a year.
- Assist the college in getting placement for the current students.
- Member of various bodies/committees of the college and contribute to Curriculum revision, Program Outcome revision etc,

6.12 Activities and support from the Parent – Teacher Association

- Parents suggest the ways and means for the development of the college during parents meeting.
- Co-operate with the staff for the regularity and discipline of the students.

6.13 Development programmes for support staff

- Encouraged to do higher studies in our college or outside.
- Training programmes are regularly conducted to improve their skills

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

The college is lying on the lap of green and resplendent natural beauty with a variety of flora and fauna. The inmates of the college are very careful to keep the campus plastic free. Various clubs and forums are actively involved in the maintenance of ecological; balance in the campus. The initiatives that have been put in place to promote the concept of '**reduce, reuse and recycle**' contribute to protecting the environment. The institute have the following eco-friendly scenarios. They are

- Waste Segregation
- Replacing tube lights with CFC bulbs.

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.

- Programmes conducted based on Industry expectations which create significant improvements in students skill set that facilitate good placement.
- “Project Expo” a project exhibition induced the creativity of students to exhibit their engineering practical knowledge in their specific domain.
- Tool based practical workshops have been arranged for the students under self supporting nature that facilitate increase in participation of seminars/workshops. In-house software needs have been addressed and guided solutions are also under practice.
- Entrepreneurship development activities are successfully performed that includes field visit also.
- Group discussions, Mock-Interviews, Online aptitude training are regularly organized during the internet and placement hours, that facilitates increase in placement.
- “SMS based Internal test marks delivery” has been successfully introduced which facilitate more involvement by parents in their wards studies. Since, the institution is having the academic tie-up with ICT Academy of Tamilnadu, training programmes, guest lectures, webinars are regularly organized for increasing the awareness and learning attitude of students.
- Beyond Institution level programmes, students are also encouraged to participate in various programmes such as symposium, seminars, workshop, technical competitions conducted by other colleges/University/Institutions.
- Compulsory Bridge courses were offered to first year students for all the subjects.
- Students Attendance Monitoring Systems
- Virtual Tour
- Campus to Corporate Programmes

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

IQAC planned the objectives for current year (2017-18) and its progress was monitored through action taken report monthly from all concerned persons. In its meeting these action taken reports were discussed and correction was done appropriately whenever it was required

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

Refer Annexure IV

7.4 Contribution to environmental awareness / protection

Our college seeks to provide an education combining the generous arts, work and service with a strong commitment to environmental responsibility and cross-cultural understanding in a setting that promotes wisdom, spiritual growth and contribution to the common good.

The environmental degradation is arrested through

- ▶ Tree Planting whenever necessary
- ▶ Conservation of energy by replacing the tube lights with CFL bulbs,
- ▶ Turning off electricity in class rooms and hostels, and other places when sunlight is naturally available in plenty
- ▶ Prohibition of movement of vehicles inside the campus
- ▶ Inclusion of a course on 'Environmental Studies' in the curriculum.

7.5 Whether environmental audit was conducted? Yes No

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

Strength:

- ❖ Institution is 20 years old and located in city limits
- ❖ Faculty retention is appreciable
- ❖ Encouragement for acquisition of higher qualification by faculties
- ❖ Funded Research Projects, Sponsored FDP's/STP's/Conferences

Weakness:

- ❖ Majority of students are of average level and from rural areas
- ❖ Majority of students are day scholars.
- ❖ Inadequate industry interaction
- ❖ Qualified/Experienced faculty are unwilling to come due to locational disadvantage
- ❖ R & D and Consultancy works are to be improved.
- ❖ Sports and games activities are to be improved

Opportunities:

- ❖ Scope for person oriented and location specific and sponsored research projects.
- ❖ Innovation in teaching-learning process.
- ❖ Preparations for web-based online courses
- ❖ Attraction of students from all over Tamil Nadu and other states.
- ❖ Students participation in club activities, inter collegiate activities etc.

- ❖ Preparing students for GATE, Aptitude Exams, etc.
- ❖ Increased interaction with industries and alumni

Challenges:

- ❖ Training of average students and with rural and diverse background.
- ❖ Preparations for students' progression in higher education
- ❖ Rising up to the level of technology development.
- ❖ Consultancy and extension services
- ❖ Collaboration with industries/Institutions.
- ❖ Attracting creamy layer students and students from other districts/states

8. Plans of Institution for next year

- Plan to get Accreditation for remaining programmes
- Plan to obtain Research Centre Recognition for Civil, IT, MCA, MBA and Humanities & Science departments
- Strengthen Industry Institute Interaction through Installing of Industry Institute Partnership Cell (IIPC).

Annexure I

Academic Calendar



E.G.PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
 B.E./B.Tech(II, III, IV Year), MCA (II, III Year), ME(II Year) Academic Schedule for 2017-2018 EVEN Semester

Week Day	1 DEC	2 DEC	3 JAN	4 JAN	5 JAN	6 JAN	7 JAN FEB	8 FEB	9 FEB	10 FEB	11 FEB MAR	12 MAR	13 MAR	14 MAR	15 MAR	16 APR	17 APR	18 APR	19 APR
Mon	18	25 DT 1	1 DT 1	8 DT 2	pongal	22 CT-I	29 DT 2	5 DT 3	12 DT 3	19 DT 4	26 DT 4	5 CT-II	12	19	26	2 ME	9 CES	16	23
Tue	19	26	2	9		23 CT-I	30 CCM 2	6	13	20	27	6 CT-II	13	20	27	3 ME	10	17	24
Wed	20	27 DT 1	3 DT 1	10 DT 2		24 CT-I	31 DT 2	7 DT 3	14 DT 3	21 DT 4	28 DT 4	7 CT-II	14	21	28	4 ME	11	18	25
Thu	21	28	4	11	18	25 CT-I	1 RM 1	8	15	22 FB	1	8 CT-II	15 RM 2	22	H	5 ME	12 RM 3	19	26
Fri	22	29 DT 1	5 DT 1	12 DT 2	19 CT-I	H	2 DT 2	9 DT 3	16 DT 3	23 DT 4	2 DT 4	9 CT-II	16	23		6 ME	13	20	27 LWD
Sat	H	30 CCM 1	6	H	20 CT-I	H	3	H	17	H	3 CT-II	H	17	H	31 CCM 3	7 ME	H	21	H

CT-I Cycle Test-I (3 Hrs - I, II Unit)	FB Feedback received from the student	CCM n Class Committee Meeting n																										
CT-II Cycle Test-II (3 Hrs - III, IV Unit)	H Holiday	RM n Review Meeting n for Test (faculty should submit student's performance report, Log book, Attendance and Counseling Records)																										
MPE Model Practical Examination	LWD Last Working day	Total No of Working Days : 99 Total No of Working Periods : 792																										
ME Model Examination (3 Hrs - All Units)	CES Course End Survey																											
Internal Marks Assessment (R 2013)		Timetable																										
Theory	<table border="1"> <thead> <tr> <th>CT-I</th> <th>CT-II</th> <th>ME</th> <th>Total</th> <th>Conversion</th> </tr> </thead> <tbody> <tr> <td>100</td> <td>100</td> <td>100</td> <td>300</td> <td>20</td> </tr> </tbody> </table>	CT-I	CT-II	ME	Total	Conversion	100	100	100	300	20	<table border="1"> <thead> <tr> <th>I</th> <th>II</th> <th>III</th> <th>IV</th> <th>V</th> <th>VI</th> <th>VII</th> <th>VIII</th> </tr> </thead> <tbody> <tr> <td>9:00 am - 9:50 am</td> <td>9:50 am - 10:40 am</td> <td>10:55 am - 11:45 am</td> <td>11:45 am - 12:35 pm</td> <td>01:15 pm - 02:05 pm</td> <td>02:05 pm - 02:55 pm</td> <td>03:05 pm - 03:55 pm</td> <td>03:55 pm - 04:45 pm</td> </tr> </tbody> </table>	I	II	III	IV	V	VI	VII	VIII	9:00 am - 9:50 am	9:50 am - 10:40 am	10:55 am - 11:45 am	11:45 am - 12:35 pm	01:15 pm - 02:05 pm	02:05 pm - 02:55 pm	03:05 pm - 03:55 pm	03:55 pm - 04:45 pm
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100	100	200	20																									

ACADEMIC DIRECTOR

PRINCIPAL



E.G.S.PILLAY ENGINEERING COLLEGE, NAGAPATTINAM.
BE/B.Tech(I Year), MCA (I Year), ME(I Year), MBA(I Year) Academic Schedule for 2017-2018 SEVEN Semester

Week Day	3 JAN	4 JAN	5 JAN	6 JAN	7 JAN FEB	8 FEB	9 FEB	10 FEB	11 FEB MAR	12 MAR	13 MAR	14 MAR	15 MAR	16 APR	17 APR	18 APR	19 APR
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CAT III Continuous Assessment Test III (3 Hrs -IV, V Unit-100 Marks)	H Holiday	Total No of Working Days :90 Total No of Working Periods :720																																														
WPE n Web Portal mark Entry n	LWD Last Working Day	Internal Marks Assessment (R 2017)																																														
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ACADEMIC DIRECTOR

PRINCIPAL

Annexure II

Stakeholder's Feedback Analysis

a. Feedback from alumni

Feedback on curriculum is obtained from Alumni, when they come to the college to get their original Certificates / Degrees on completion of the course and attend the Alumni Meet arranged by the department concerned periodically. Based on the feedback, the necessary recommendations are proposed in the Board of Studies for discussion and approval. Alumni are also a member in the Board of studies. The recommendations made by the alumni, subsequently discussed and approved by the BOS.

b. Feedback from Parents

During Parents' Meeting, parents meet the faculty to know about the academic performance, regularity, conduct and behaviour of their wards and they provide such information about the usefulness or suitability of the programme of their wards.

c. Feedback from Peers

The College gets feedback from the Subject Experts, Resource Persons, Members of Inspection Commission and External Examiner for conducting Viva-voce, Special invitees to the seminars, symposium and workshops arranged in the College campus to enrich the curriculum.

Based on the feedback, the necessary recommendations are proposed in the Board of Studies for discussion and approval. Some of the recommendations made by the Peer Team, subsequently discussed and approved by the Board of Studies.

d. Industrial Experts

Each Board of Studies is represented by a noted person from Industry. His / Her elucidations on the requirements of industry with regard to subject knowledge and skill are faithfully taken for consideration while revising / updating the curriculum.

Based on the feedback, the necessary recommendations are proposed in the Board of Studies for discussion and approval. Some of the recommendations made by the industrial experts subsequently discussed and approved by the Board of Studies.

Annexure III

**EXTENSION ACTIVITIES &
INSTITUTIONAL SOCIAL RESPONSIBILITY**

Organ donation Rally



Disaster reduction day



World environment day

(Tree plantation program at our college campus)



Dr.A.P.J.Abdul kalam memorial day



Campus cleaning



Gandhi Jayanthi day celebration.



SPECIAL CAMP ACTIVITIES 2017-18



Annexure IV

BEST PRACTICES

1. Studies on the efficacy of Rainwater harvesting system under Nagapattinam coastal situation

- **Goal** – to harvest entire quantity of rainwater received in the campus with a view to save the expenditure on water bill and to charge the ground water which is highly saline
- **The Context** - the rainfall received in the campus over the total area of 25 acres is collected and stored in natural ponds, there will be huge saving in expenditure but also there is chance of improving the quality of ground water over the years
- **The Practice** - The rainwater received on roof tops of the building is also made to run into the pond with properly designed pipeline systems. The pond has the storage capacity of 6000 cubic metre of water
- **Evidence of Success** - The result indicates that there is great scope for creation of hundreds of such rainwater storage ponds which will be highly useful for Nagapattinam coastal areas where water scarcity prevails
- **Problems encountered and Resources required** - Roof top rainwater has to be conveyed through proper pipeline system, Civil work viz. surplus water outlet is required , Water pumping systems have to be installed for using the stored water.
- **Notes** - Design and Development of Rainwater collection, Storage and usage system are simple and very much needed technology for the water scarce areas

BEST PRACTICES

List of Best Practises

- ✓ Open Source Lab
- ✓ VMWare IT Academy
- ✓ Quality Improvement Cell
- ✓ Designers Domain
- ✓ E-Learning Portal
- ✓ E-Counseling Systems
- ✓ Banking Financial Services Insurance Nodal Centre
- ✓ Programmers Paradise Club



Programmers Paradise Club –E-Box Course



Quality Improvement Cell



ICTACT – HR Conclave



Academic Excellence



AICTE Smart India Hackathon-2018 Contest

Software Edition

Grievance Redressal through App and IVR in ICDS

Team Name: **Innovation Geeks**
(Deepa, Ramya, Lakshmi, Thamizkodi)



Oracle Academy Students Day-2018

Best Performer : All over India 50 students are selected - 6 students from our College (Geetha Priya, Gouri, Suiitha, Thanveer, Vignesh)

IQAC Workshop on Office Automation



ENTREPRENEURSHIP DEVELOPMENT CELL ACTIVITIES

1. Preamble

With a vision to encourage and support students and public to leverage job creation values and assert starting their own ventures to cope up with the real demand, EGS Pillay Engineering College, Nagapattinam, initiated Entrepreneurship Development Cell on a fine day, 14.11.2014. Mrs. Vishnu Priya of National Entrepreneurship Network (NEN) was invited to be chief guest for the inaugural and delivered the inaugural address. This Entrepreneurship Development Cell had defined objectives to go with. Over the years, It has seen some tremendous improvements and success record interms of number of entrepreneurs produced, startup ecosystem, mentoring.

2. Vision/Mission/Objectives

Inspired by AICTE Startup Policy, the EDC has the following,

Vision

To create and support 108 tech-based start-ups and a thousand employment opportunities within the next 05 years (2023). This would be done by developing an ideal entrepreneurial eco-system and promoting strong Industry-Academia partnerships, Training, Funding, Mentoring, Support

for Patents, and Commercialization.

Mission

To help create a larger number of student-driven, on campus start-ups that will add to economic and social value. To achieve this, the below mentioned strategies would be applied:

- ✓ Teaching students and encouraging them to take up entrepreneurship as a preferred career choice
- ✓ Preparing students for successful launching of their start-ups
- ✓ Re-orienting academic curriculum and pedagogy with a strong focus on Start-ups
- ✓ Developing customized teaching and training materials for start-ups and engaging them in pre-startup activities
- ✓ Capacity Building Programmes / Activities for faculty as well as trainers.
- ✓ Mentoring start-ups to become sustainable

Objectives

- ✓ To prepare students as they gain benefits from GoI's 'Start-up India' programme.
- ✓ To encourage Science and Technology students to choose entrepreneurship as their careers.
- ✓ To motivate students to convert their Detailed Project Reports (DPRs) and projects into viable business plans.
- ✓ To create a common platform for students to submit their project ideas and technically collaborate on this to make the project nationwide so as to be commercialized.
- ✓ To inculcate social responsive behaviours among students aspiring to launch start-ups.
- ✓ To offer students training in business opportunity identification in their local areas.
- ✓ To orient students as to how they can conceptualize social business start-ups that will address social and industry issues.
- ✓ To provide handholding support to students for launching their startups during the entire course of their study.
- ✓ To equip students with the necessary skills for managing their business enterprise.

3. Initiatives

S. No	Name of the Initiative	Description
1	Idea Box	Online platform for students to post their ideas, ideabox@egspec.org. EDC will have a closer look at it and suggest working on basis of criteria such as business potential, viability and market space etc. Students once with recommended ideas shall be encouraged to convert it to a startup idea and may involve external mentors in case of need.

4. Grants & Recognitions

S. No	Name of the Grant/Funding Agency	Rs.	Year of Sanction	Duration
1	Pradan Mantri Yuva Yojana (PM YUVA) NIESBUD/MSDE	9,20,000 (Max.)	2017	5 years
2	Entrepreneurship Awareness Camp EDI, Ahamedabad	20,000	2017	3 days

5. Programmes Organized

S. No	Name of the Programme	Date
1	Entrepreneurship Awareness Camp sponsored by EDI, Ahamedabad	12 to 14.6.2017
2	IPR Awareness Programme	31.07.2017
3	WebNite for WebPreneurship	24.08.2017
4	Startup Activation Day	28.08.2017
5	Value added course on Entrepreneurship & Startups	20.11.2017 to 24.11.2017
6	CCTV Installation	31.01.2018

7	Idea Challenge	23.02.2018
8	Entrepreneurship Opportunities for MBA students	11.04.2018

6. Trainings/FDP attended by Faculty/Students

Faculty:

Sl.No	Name of the Faculty	Training Programme	Date & Duration
1	S. Palani Murugan	FDP on Entrepreneurship, sponsored by DST NIMAT conducted by VIT-TBI.	04.12.2017 to
2	C. Mathuvanesan		16.12.2017 14 days
3	S. Palani Murugan	Workshop on Student Design Project - Funding (MSME) at EDI-HUB at SASTRA University	21.09.2017
4	C. Mathuvanesan		1 day
5	S. Palani Murugan	Entrepreneurship Educator Training Programme on PM-YUVA at EDII-TN	12.09.2017 to
6	S. Selvaganapathy		16.09.2017 5 days
7	S. Palani Murugan	Industry 4.0 - CII Conference at IIT-M	28.08.2017 - 1 day
8	S. Palani Murugan	Amazon AWS Startup Day at Hotel Westin, Chennai	21.07.2017
9	S. Aravindan		1 day
10	S. Palani Murugan	Workshop on Drones and Augmented reality by Facebook Developer Circle at NASSCOM 10000 startups, Bangalore	22.04.2017 1 day
11	C. Mathuvanesan		
12	S. Manikandan		

Students:

Sl.No	Name of the Student	Training Programme
1	R. Aravind	E-Summit & NIT-T
2	P. Ilakkiyan	E-Summit & NIT-T
3	B. Vishnu Priyan	E-Summit & NIT-T
4	S. Sai Vignesh	E-Summit & NIT-T

5	K. Karthikesh	E-Summit & NIT-T
6	G. Yuvaraj	E-Summit & NIT-T
7	S. Inbarasan	MSME Student Project
8	S. Karthikayani	E-Leaders Meet
9	R. Jeevitha	E-Leaders Meet
10	S. Prakash moorthy	IOTINDIACONGRESS
11	A. Aakash	IOTINDIACONGRESS
12	N. Jaya Antony Raj	IOTINDIACONGRESS
13	Arul Franklin	IOTINDIACONGRESS

7. Entrepreneurs Produced (on roll) – 31 as on 26.04.2018

Sl.No	Team Lead Name	Company Name & Size
1	S. Desiga	TeenzCorner (8)
2	R. Vignesh	POSNIC Solutions (3)
3	M. Ranjith	StayNature (4)
4	P. Prakashmoorthy	Smartweigh (4)
5	R. Rathish	Hexagon Hardwares (3)
6	M. Vignesh	Visual Techline (5)
7	C. Kaviarasan	FourTenZ (5)
8	A. Vijay	Fish Farming (3)
9	M. Vignesh	AllIndianMart(1)

8. Campus Company

Sl.No	Company Name & Description
1	Designers Domain

9. Startups

We at Entrepreneurship Development Cell provide the following facility for students to start a venture:-

1. Opportunity Identification
2. Infra such as Space (100-200 Sq.Ft), Furniture, Internet etc
3. Mentoring
4. Seed support
5. Marketing Support

10. Internal Mentors

Sl.No	Name of the Faculty	Designation	Role
1	S. Palani Murugan	Asst.Prof/CSE	Head/ED & IPR Cell Facilitator - PM Yuva
2	S. Aravindan	Asst.Prof/CSE	Coordinator/ ED Cell
3	Mr. Vignesh	Developer/POSNIC	Tech.Support/EDC
4	Mr. Satheesh Kumar	Developer/POSNIC	Tech.Support/EDC
5	S. Selvaganapathy	Asst.Prof/MCA	Coordinator/ED Cell Facilitator - PM Yuva
6	C. Mathuvanesan	Asst.Prof/ECE	Coordinator/ED Cell
7	K. Balasubramaniam	Asst.Prof/MECH	Coordinator/ED Cell
8	R. Dhanalakshmi	Asst.Prof/ECE	Coordinator/ED Cell
9	B. Naveen antony	Asst.Prof/EEE	Coordinator/ED Cell
10	S. Neelaveni	Asst.Prof/CIVIL	Coordinator/ED Cell
11	R. Hemavathy	Asst.Prof/IT	Coordinator/ED Cell

11. External Mentors

Sl.No	Name of the Expert	Designation and Address
1	Shri. I. Arulselvan., B.E.	General Manager - DIC, Nagapattinam
2	Mr. S. Sandeep	Branch Manager, Bank of Baroda, Nagapattinam
3	Dr.Sudha Rajagopalan	Deputy Manager - VIT-TBI
4	Mr. Permanand Shivalingam	Entrepreneurship Trainer, CEO, Arrant HR Solutions, Chennai
5	Mr. Jyothibadu	Manager, Centre for Entrepreneurship Development and Innovation, NIT-T
6	Mr. Krishnamoorthy	Project Manager, Periyar (TBI) Incubator, Thanjavur
7	Mr. Sheik Alaudeen	Prop. GS Designs, Nagapattinam
8	Mr. Rengarajan	Secretary - NADISTIA, Nagapattinam Association
9	Mr. Susai Raj	Director , Shine Academy, TN
10	Mr. Nelson Vasanth.J	CEO - Honey Technologies, Bangalore
11	Mr. Satheesh. A.S	Business Strategy Head, FAME Technologies, Tamilnadu
12	Mr. Subramanian	Agginov IP Services, Trichy

12. Eco-System

- ✓ Ideas, Innovations, Inventions and Research
- ✓ Startups
- ✓ Entrepreneurs
- ✓ Team
- ✓ Investors
- ✓ Mentors
- ✓ Advisors
- ✓ Other entrepreneurial people
- ✓ People from related organizations

13. EDII-IEDP

Spoke Institute of the Entrepreneurship Development and Innovation Institute (EDII), Tamil Nadu, since 2016.

14. PM-YUVA

Being a Project Institute under the scheme called PM-Yuva Yojana, is offering Entrepreneurship training for students (Course 100) from January'2018. Having two facilitators for the scheme help train more students with interest and the course is being conducted in the best way possible.

15. IPR

We also encourage students to come up with Innovative, Inventive, and Novel Ideas through the Intellectual Property Rights Cell. The cell conducts workshops and training programmes for students. Recently, the IPR cell has organized a technical workshop on IPR in association with TNSCST, Chennai. The Cell also has sent **6 Patents, 7 Copyright** applications to patent office as on 21.02.2018.

16. SUCCESS STORIES

1. **StayNature** – Shortlisted for Top 400 of SMARTFIFTY2018 Contest and ensured rewards worth Rs. 1,00,000
2. **SmartWeigh** – Shortlisted for Top 3000 of SMARTFIFTY2018 Contest and ensured rewards worth Rs. 50,000
3. **Hexagon Hardwares** – Shortlisted for the Grand Finale of Smart India Hackathon 2017
4. **AgriBot** – Shortlisted for the Grand Finale of Smart India Hackathon 2018

Photos:-

Two startups (StayNature & FourEntre) got rewards worth Rs. 1,50,000 for startup support 20.02.2018



EGSPEC/AQAR/2017-2018

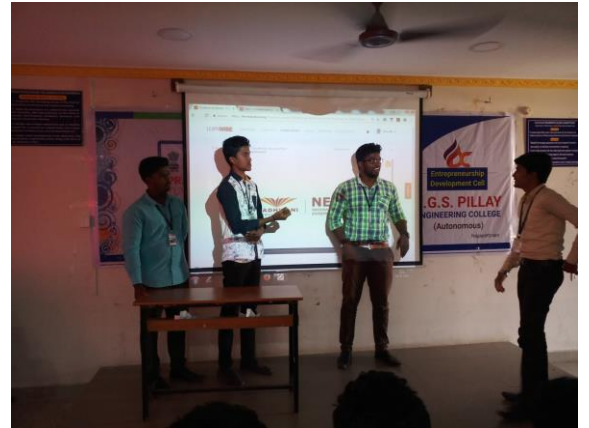
Entrepreneurship Awareness Camp sponsored by DST-NIMAT 12.06.2017



Fourtenz IT Services Startup-Launch
on 30.11.2017



PM Yuva Training 10.01.2018



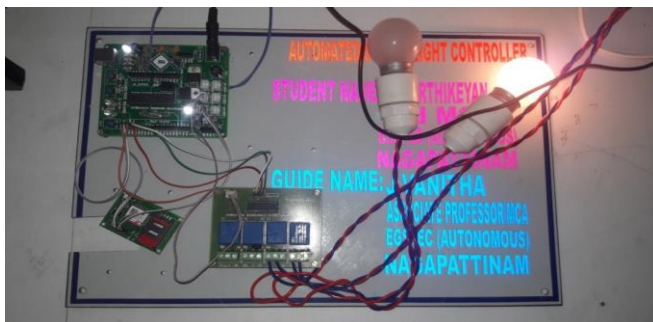
Innovations

- ✓ **Office Administration** - Computerized students performance monitoring system, Bio-metric attendance systems
- ✓ **Energy Conservation/Protection of Eco-System** – Solar Water Heater, Solar Light, Solar cum wind power plant, Rain water Harvesting, Sewage treatment
- ✓ **Research & Development** – Student Projects (Automated Street Light Controller, Salary master, E-Counseling, Attendance Submission system, Diesel filling and Incentive Calculator)
- ✓ **Student Progression** – Special program for rural and Tamil medium students, leading placement provider in this region, Education for large no. of SC and Girl students, nearly 80% of students getting financial assistance
- ✓ **Social Responsibilities** – Contribution to TSUNAMI affected people, Tree Plantation in coastal area, Organ & Blood donation Camps, Solar fish drying unit for Nagapattinam municipality

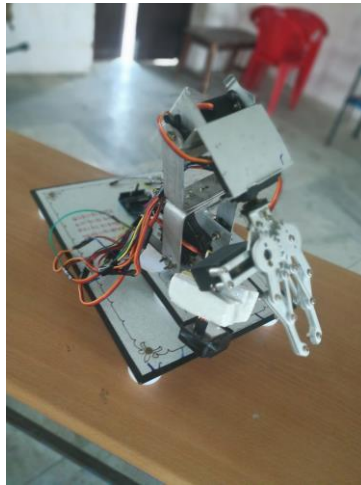
Automated Street Light Controller

Increasing the efficiency of petrol

Engine using turbo charger



Solar power lawn mover



******* AQAR 2017-2018 *******