

## 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 report for the Academic Year 2014-2015).

### Part – A

#### 1. Details of the Institution

1.1 Name of the Institution	PSN College of Engineering and Technology
1.2 Address Line 1	Melathediyoor
Address Line 2	
City/Town	Tirunelveli
State	Tamilnadu
Pin Code	627 152
Institution e-mail address	principal@psncet.ac.in
Contact Nos.	+91-4634-27968, +91-4634-279009
Name of the Head of the Institution:	Dr. C. Selvamony
Tel. No. with STD Code:	+91-4634-279009
Mobile:	9442591125

Name of the IQAC Co-ordinator:

Dr. G. Hirankumar

Mobile:

9600372718

IQAC e-mail address:

iqac@psncet.ac.in

1.3 NAAC Track ID (For ex. MHCOGN 18879)\_\_\_\_\_

1.4 NAAC Executive Committee No. & Date:

EC/56/A&A/137 dated 16-9-2011

(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)

1.5 Website address:

www.psnct.edu.in

Web-link of the AQAR:

www.psnct.edu.in/iqac/aqar2014-15.pdf

1.6 Accreditation Details

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 <sup>st</sup> Cycle	A	3.07	2011	2011-2016
2	2 <sup>nd</sup> Cycle				
3	3 <sup>rd</sup> Cycle				
4	4 <sup>th</sup> Cycle				

1.7 Date of Establishment of IQAC :

DD/MM/YYYY

01/10/2011

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

2014-2015

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

- i. AQAR \_\_2011-2012 submitted to NAAC on 29-09-2012\_\_\_\_\_
- ii. AQAR \_\_2012-2013 submitted to NAAC on 09-12-2013\_\_\_\_\_
- iii. AQAR\_\_2013-2014 submitted to NAAC on 15 -09-2015\_\_\_\_\_
- iv. AQAR\_\_\_\_\_ (DD/MM/YYYY)

1.10 Institutional Status

University State  Central  Deemed  Private

Affiliated College Yes  No

Constituent College Yes  No

Autonomous college of UGC Yes  No

Regulatory Agency approved Institution Yes  No

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

Type of Institution Co-education  Men  Women

Urban  Rural  Tribal

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

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

1.11 Type of Faculty/Programme

Arts  Science  Commerce  Law  PEI (Phys Edu)

TEI (Edu)  Engineering  Health Science  Management

Others (Specify)

1.12 Name of the Affiliating University (for the Colleges)

Anna University, Chennai

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

Autonomy by State/Central Govt. / University

Yes

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

5

2.2 No. of Administrative/Technical staff

2

2.3 No. of students

2

2.4 No. of Management representatives

1

2.5 No. of Alumni

1

2.6 No. of any other stakeholder and  
community representatives

1

2.7 No. of Employers/ Industrialists

Nil

2.8 No. of other External Experts

1

2.9 Total No. of members

13

2.10 No. of IQAC meetings held

1

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

2.14 Significant Activities and contributions made by IQAC

- ✓ PSN Trophy has been conducted during February 2015.
- ✓ College day has been celebrated during March 2015.
- ✓ Graduation day for PG autonomous batch has been celebrated on 20<sup>th</sup> February 2015
- ✓ A separate block for 1<sup>st</sup> year students is being constructed.
- ✓ Department of Marine Engineering has been accredited by NBA.

2.15 Plan of Action by IQAC/Outcome

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

Plan of Action	Achievements
To conduct PSN Trophy	PSN Trophy has been conducted
To construct a separate block for	A separate block for 1 <sup>st</sup> year students is

I <sup>st</sup> year students	being constructed.
To conduct College day function	College day has been celebrated
To apply for NBA	Department of Marine Engineering has been accredited by NBA

\* Attach the Academic Calendar of the year as Annexure.

2.15 Whether the AQAR was placed in statutory body      Yes       No

Management       Syndicate       Any other body

Provide the details of the action taken

## 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	4		4	
PG	10		10	1
UG	10		10	5
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others				
<b>Total</b>	24		24	6

Interdisciplinary				01(STCW)
Innovative		01		

1.2 (i) Flexibility of the Curriculum: CBCS

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	20
Trimester	Nil
Annual	Nil

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

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

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

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

- Value added courses for Marine department students.
- In order to satisfy & meet the latest industry requirements few modifications/changes have been done in few subjects of Marine Engineering. Syllabi are framed according to DGS norms also.
- Regulation and syllabus are revised and modified according to the industrial needs with the suggestions & guidance from the industrial experts and approved by the academic council.
- To gain knowledge in interdisciplinary subjects, open electives are introduced especially for other department students.
- To make learning process easier, practical components are added with theory subject (ECN for III sem and Virtual instrumentation for VI sem).
- 'Fast track mode' has been offered for the fast learners.

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
222	157	30	35	

2.2 No. of permanent faculty with Ph.D.

35

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
25		1		5				31	

2.4 No. of Guest and Visiting faculty and Temporary faculty

4


2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	14	75	4
Presented	32	23	7
Resource Persons		3	1

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

- Computer laboratory is established with internet facility especially for marine cadets.
- Communication Labs meant for improving the communication skill of the students are equipped with the latest video and audio recording equipment which help in providing practical training.
- Illustrative programming concept demonstrations using computers were given in the class rooms
- Power point presentations to make the course delivery more effective were followed for all subjects
- E-content has been prepared by the faculty for their respective subjects
- Continuous assessment of students is made by conducting Class tests every day
- The teaching faculty get regular feedbacks from the students regarding their subject and make changes in their mode of teaching if necessary
- Management and Principal encourage faculty participation in seminars and workshops for faculty improvement and knowledge updation.
- Industrial visits and inplant training are made mandatory to ensure higher industrial exposure



- Periodic counselling and tutor ward meetings are arranged to discuss the needs of students and their problems
- Providing journal publication to students
- Smart class room with LCD projector, Carrier Oriented Programme, Work shop, Working Models are displayed in the laboratory to improve the practical knowledge of the students, Mini projects, Extra credit courses are introduced for the benefit of the students.
- To understand some concepts clearly, demonstrations were made by the faculties.
- Encouraging students by presenting simple gifts to I, II & III high scored students in individual subjects.

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

171
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2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

Photo copy
Inspection squad
Scrutiny committee to validate question papers
Student can challenge the valuation

2.9 No. of faculty members involved in curriculum Restructuring/revision/syllabus development 

105
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74
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87
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As member of Board of Study/Faculty/Curriculum Development workshop

2.10 Average percentage of attendance of students 

83 %
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2.11 Course/Programme wise distribution of pass percentage:

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B.E CIVIL	58		36			36
B.E (ECE)	47		34	4		38
B.E. (IT)	13		69			69

B.E(EIE)	16		18			18
B.E(EEE)	52	2	27	33		62
B.E(CSE)	58	3	53			56
B.E(Aero)	69		28			28
B.E(Marine)	51	2	38			40
B.E(Mechanical)	69	3	17			20
B.E – Mech & Auto	27	-	11	-		11
IIIMCA	16					100
IIMBA	14					100
ME(Applied Electronics)	6		100			100
ME (Communication Systems)	6	17	66	17		100
ME (Embedded System Technologies)	4		100			100
M Tech (IT)	5	20	80			100
M.E(CSE)	10		90			90
M.E(Cryogenic)	5		100			100

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

Through academic audit committee, teaching & learning processes are monitored and evaluated. Faculty those who are lacking in their performance are given counselling and motivation individually by senior faculty members.

## 2.13 Initiatives undertaken towards faculty development

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	2
UGC – Faculty Improvement Programme	1
HRD programmes	1
Orientation programmes	7
Faculty exchange programme	Nil
Staff training conducted by the university	10
Staff training conducted by other institutions	21
Summer / Winter schools, Workshops, etc.	63
Others	01

## 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	20		2	
Technical Staff	57		5	

## Criterion – III

### 3. Research, Consultancy and Extension

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

Organized two days workshop on, “How to apply for Project Proposals” on 8-9, December 2014
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#### 3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	5	9	1	3
Outlay in Rs. Lakhs	95	194.7	23.44	48.57

#### 3.3 Details regarding minor projects

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

#### 3.4 Details on research publications

	International	National	Others
Peer Review Journals	32	5	
Non-Peer Review Journals	26	3	
e-Journals	2	1	
Conference proceedings	19	13	

#### 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
Major projects	2014	DST, BRNS	42.76	41.29
Minor Projects				
Interdisciplinary Projects				
Industry sponsored				
Projects sponsored by the University/ College				
Students research projects (other than compulsory by the University)				
Any other(Specify)				
Total				

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

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

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

3.9 For colleges Autonomy  CPE  DBT Star Scheme   
INSPIRE  CE  Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number		3			
Sponsoring agencies		DST, INSA, BRNS, PSN Educational Trust.			

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

3.13 No. of collaborations International  National  Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs:

From funding agency  From Management of University/College

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	-
	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

3.18 No. of faculty from the Institution

who are Ph. D. Guides

and students registered under them

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

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

JRF  SRF  Project Fellows  Any other

3.21 No. of students Participated in NSS events:

University level  State level

National level  International level

3.22 No. of students participated in NCC events:

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

3.23 No. of Awards won in NSS:

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

3.24 No. of Awards won in NCC:

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

3.25 No. of Extension activities organized

University forum	<input type="text" value="2"/>	College forum	<input type="text" value="6"/>
NCC	<input type="text"/>	NSS	<input type="text" value="4"/>
		Any other	<input type="text"/>

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

- Blood Donation camp was conducted in collaboration with Lions club, Tirunelveli Government Primary Health Centre on 13.03.2015. 195 students donated Blood.
- Eye awareness programme was conducted on 11.02.2015 in collaboration with Aravind Eye Hospital.
- Dental camp was conducted in collaboration with Vasan Dental Care and Lions Club, Tirunelveli on 24.02.2015
- In order to create awareness about dengue fever among the people, a rally was organised by our institution during March 23 to 25, 2015.
- Tree plantation
- AIDS awareness programme by Government Medical College Hospital especially for first year students of Engineering on 26.03.2015
- Road safety week was celebrated

## 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	108210.9 Sq.m	-		108210.9 sq.m
Class rooms	20441.81 sq.m	1200 sq.m	Fee collection	21641.81 sq.m
Laboratories	8562.9 sq.m	2500 sq.m	Fee collection	11062.9 sq.m
Seminar Halls	1450 sq.m	120 sq.m	Fee collection	1570 sq.m
No. of important equipments purchased ( $\geq$ 1-0 lakh) during the current year.	8	6	Government funding agencies and budget allotted by the Management	14
Value of the equipment purchased during the year (Rs. in Lakhs)	153.52	35.50	Government funding agencies and budget allotted by the Management	189.02
Others	-	-	-	-

#### 4.2 Computerization of administration and library

All departments including first year and library are computerized

#### 4.3 Library services:

	Existing		Newly added		Total	
	No.	Value	No.	Value	No.	Value
Text Books	55673	19485550	273	81900	55946	19567450
Reference Books	3087	1080450	30	49650	3117	1130100
e-Books	30	24000	30	25000	60	49000
Journals			4		4	
e-Journals						
Digital Database						
CD & Video	2700	-	514	-	3214	
Others (specify)	1263		347	65000	1610	65000

#### 4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others



Existing	900	10	120	1	3	2		
Added								
Total	900	10	120	1	3	2		

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

All departments, research centres and offices are provided computer with internet access.

4.6 Amount spent on maintenance in lakhs:

i) ICT	<input type="text"/>
ii) Campus Infrastructure and facilities	<input type="text" value="20"/>
iii) Equipments	<input type="text" value="35.50"/>
iv) Others	<input type="text"/>
<b>Total:</b>	<input type="text" value="55.50"/>

## Criterion – V

### 5. Student Support and Progression

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

- Bridge course was conducted for freshers
- Conduction of career oriented programmes, industrial visits per semester, In-plant training
- Regular meetings/monitoring

5.2 Efforts made by the institution for tracking the progression

- Students who are interested in sports are encouraged by waiving their tuition fee and providing free accommodation and food
- Full time research scholar are provided stipend along with free accommodation and food for three years.
- Regular meeting/monitoring/counselling the students.
- Student's individual file is maintained in the department.
- Special attention for weak and slow learners

5.3 (a) Total Number of students	UG	PG	Ph. D.	Others
	1275	197	49	-

(b) No. of students outside the state

(c) No. of international students

Men	No	%	Women	No	%
	1232	81		289	19

Last Year						This Year					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
679	150	-	888	-	1717	615	139	-	718		1472

Demand ratio

Dropout %

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

- GATE Examination coaching
- Weekly 2 hours allotted for competitive exam coaching
- TECHNICAL ENGLISH COMMUNICATION classes

No. of students beneficiaries

#### 5.5 No. of students qualified in these examinations

NET	<input type="text" value="-"/>	SET/SLET	<input type="text" value="-"/>	GATE	<input type="text" value="-"/>	CAT	<input type="text" value="-"/>
IAS/IPS etc	<input type="text" value="-"/>	State PSC	<input type="text" value="-"/>	UPSC	<input type="text" value="-"/>	Others	<input type="text" value="-"/>

#### 5.6 Details of student counselling and career guidance

- Personality Development programme was conducted on 23-Feb-2015
- Mentor-ward system was followed for all UG students.
- Counselling was provided for necessary students by the respective class advisors

- Career guidance was provided to all students and they are motivated by the department placement coordinator to equip themselves for better employment.
- One period for week was allotted for students exclusively to get counselling

No. of students benefitted

446

### 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
2	15	7	48

### 5.8 Details of gender sensitization programmes

- Women Cell is working smoothly for the gender sensitization. No critical issues and matters were reported. Main function of Women Cell is to sensitize through various programs on women issues and to solve the issues related with women working in this institute.
- Department discipline committee monitors the entire department to prevent eve teasing and ragging.  
Students are educated regarding the problems and punishments in case of involvement in eve teasing and ragging.  
Awareness is created regarding the existence of a Women Cell to take care of the problems faced by girls.

### 5.9 Students Activities

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

State/ University level

72

National level

21

International level

No. of students participated in cultural events

State/ University level

18

National level

5

International level

5

No. of students participated in Symposium

State/ University level  National level  International level

No. of students participated in Workshop

State/ University level  National level  International level

No. of students participated in conference

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	128	1,02,50,000
Financial support from government	408	1,03,36,020
Financial support from other sources	-	-
Number of students who received International/ National recognitions	-	-

5.11 Student organised / initiatives

Fairs : State/ University level  National level  International level

Exhibition: State/ University level  National level  International level

5.12 No. of social initiatives undertaken by the students

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

## Criterion – VI

### **6. Governance, Leadership and Management**

6.1 State the Vision and Mission of the institution

#### VISION

To raise this as a centre of excellence and a prestigious institution, producing enterprising engineering graduates but giving them quality education and practical training.

#### MISSION

To train students from rural areas and develop them into fully accomplished persons and responsible citizens who would contribute to the building of the nation.

6.2 Does the Institution has a management Information System

Yes

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

#### 6.3.1 Curriculum Development

- Every year atleast one Board of Study & two Academic Council meetings are conducted with inclusion of experts from national labs, institutions to revise/modify the curriculum and syllabus according to the regional needs.
- Board of Studies contains experts from industries and lead national level institutions.

#### 6.3.2 Teaching and Learning

By using ICT in teaching & learning. E-learning materials are used by young faculty members to cover the syllabus.

Additional topics are also covered over and above the syllabus.

#### 6.3.3 Examination and Evaluation

- Internal Examination and Evaluation - Students were evaluated continuously through Unit Test (From Unit I to Unit V).
- External Examination and Evaluation - Annual Exam is conducted by Controller of Examination, PSN College of engineering and Technology (Autonomous).
- Marks for attendance, submission of assignments and seminars.

#### 6.3.4 Research and Development

Centre for Excellence in automation was created by PSN Management in collaboration with BOSCH-REXTROTH, Germany

Conducting workshop to motivate the faculty members to know about different funding agencies and prepare them to write project proposal.

#### 6.3.5 Library, ICT and physical infrastructure / instrumentation

- Central Library is functioning round the clock.
- Separate library block was opened.
- 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.

#### 6.3.6 Human Resource Management

Young faculty members are given training under senior faculty. Additional responsibilities are given to senior faculty members.

#### 6.3.7 Faculty and Staff recruitment

Based on the requirement of the departments, advertisements were given in the leading news papers and experienced and meritorious candidates were selected for the teaching posts.

#### 6.3.8 Industry Interaction / Collaboration

Through Industry – Institute Partnership Cells people from industries were invited to various departments either to conduct invited lectures or for conducting workshop or to motivate the students.

#### 6.3.9 Admission of Students

Admission office consisting of senior faculty members involve in the admission process.

Advertisements are given in all leading dailies

Students who are talented in sports are provided fee waiver / fee concession

6.4 Welfare schemes for	Teaching	Yes
	Non teaching	Yes
	Students	Yes

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) have been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	IRS – Mumbai	Yes	Senior faculty members
Administrative	Yes	IRS – Mumbai	No	

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?

Office of Controller of Examination is computerized.

Question paper setting is by 60% external & 40% by internal for all theory Examinations, as well as 50% External & 50% Internal for laboratory

Scrutiny committee is formed with external experts to verify question papers.

Evaluation is done by 50% external examiner and 50% internal examiner.

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

NA

#### 6.11 Activities and support from the Alumni Association

Participation of alumni in seminars and talk-shows. Alumni were contacted for suggestions and feedback regarding teaching learning process and placement.

#### 6.12 Activities and support from the Parent – Teacher Association

Nil

#### 6.13 Development programmes for support staff

Encouraged to attend programmes arranged in other colleges

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

- Eco- Friendly club, Club-De-Marine are functioning.
- Continuously campus is being watched and observed for its greenery and cleanliness. Rain water harvesting system is working. Proper disposal of garbage is done. Proper staff has been appointed for its maintenance
- Plastic free Environment
- Tree plantation.
- Creating and maintaining gardens in all possible locations.
- Firing &Smoking prohibited inside the college campus
- Sewage Treatment Plant

### 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.

- Students utilizing the PCB and NI lab by applying their innovative ideas and producing projects in the field of electronics which matches the latest technology.
- Encouraged for group studies for competitive examinations.
- Self learning courses at department level for developing their self learning skills.
- Career guidance programmes from outside experts.



- Communication skills and personality development programme for placement activities
- Conducting 5 unit tests, daily class tests and PPT classes for slow learners
- Content based videos which is useful for understanding the subjects.
- To motivate the students, competitions were conducted to design the flex, invitation for association function and there by distributed the prizes for the best one
- Fast track system that is the student can complete his/her required credit well in advance is introduced to fast learning students.
- Problem based learning

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

- Slow learners are identified and adopted different strategies for them to improve pass percentage.
- All department students must visit at least one industry in their higher semester.
- Placement training and carrier guidance programme are organized
- College day function was celebrated
- PSN Trophy was conducted
- Separate new academic block exclusively for first year students was opened.

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

- Encouraging students by providing free education with free accommodation and food
- Full time meritorious research scholars are provided management stipendiary of Rs.8,000 along with free accommodation and food

7.4 Contribution to environmental awareness / protection

- Environmental day celebration was conducted for awareness.
- Housekeeping done every week for Green campus
- Recycling of waste paper in order to protect the environment.
- Planting of trees.
- Helmet awareness among the public.
- NSS, YRC, RRC are working.
- Save trees Save earth - slogans

7.5 Whether environmental audit was conducted? Yes  No

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

Nil

**8. Plans of institution for next year**

- To improve admission
- To improve on campus placement
- To establish extension activity cell
- To conduct an international conference
- To induct more man power exclusively for research
- To apply for NBA for some eligible department

Name Dr.G.Hirankumar

Name Dr. C. Selvamony

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*Signature of the Coordinator, IQAC*

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*Signature of the Chairperson, IQAC*