



# St. PETER'S UNIVERSITY

St. Peter's Institute of Higher Education And Research  
(Declared under section 3 of the UGC Act.1956)  
NAAC Accredited & ISO 9001:2008 Certified Institution



## IQAC News Letter

### IQAC

As per National Assessment and Accreditation Council (NAAC) guidelines every accredited institution should establish an Internal Quality Assurance Cell (IQAC) as a post-accreditation quality sustenance measure. Since quality enhancement is a continuous process, the IQAC becomes a part of the institution's system and works towards realization of the goals of quality enhancement and sustenance. The prime task of the IQAC is to develop a system for conscious, consistent and catalytic improvement in the overall performance of institutions.

### Formation of IQAC in St. Peter's Institute of Higher Education & Research (SPIHER)

IQAC was established at St. Peter's University in order to strive for the betterment of processes and setup. The NAAC visited the St. Peter's University Campus on November 3<sup>rd</sup> 2015. The first AQAR report for the academic year 2015-16 was submitted to NAAC in December 2016 and the second report for the academic year 2016-17 was submitted in August 2017.

### Objectives of IQAC:

1. Preparation of AQAR
2. Periodic Meetings for Quality output
3. Organizes programmes to inculcate the research culture and societal responsibility
4. Feedback collection & Analysis
5. Academic audits each Semester
6. Departmental action Plan & Report
7. Plan for the Institute for the next academic year

### IQAC CORE TEAM of SPU

**Dr. S. Ravichandran,**  
Vice Chancellor, Chairperson

**Dr. D. S. Ramachandra Murthy,**  
Director R&D & Bursar, Member

**Dr. L. Mahesh Kumar,**  
Director/Academic, Member

**Dr. S. Stella Mary, HOD/Physics**  
(Co-ordinator)

### FINDINGS OF THE ACADEMIC AUDIT CONDUCTED IN ODD & EVEN SEMESTERS

The academic audit as scheduled for this year for both odd and even semesters were conducted during November 2016 and April 2017 based on the seven criteria prescribed by NAAC and the audit summary is shown below. We congratulate the Departments of Civil and MCA for performing well and achieving excellent score. According to the audit summary more efforts had to be put on the research, consultancy and Extension activities of the University.

### IQAC Academic Audit Summary- Nov2016

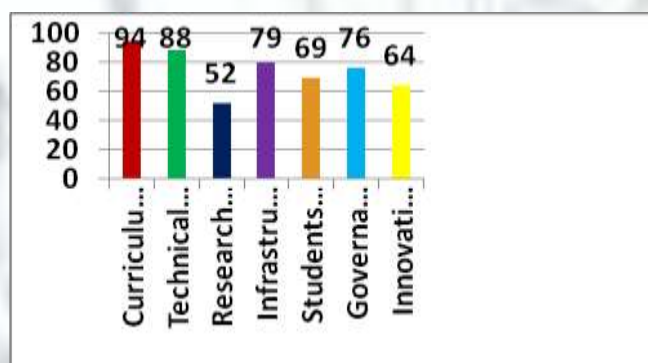
S.No	Department	Criteria I	Criteria II	Criteria III	Criteria IV	Criteria V	Criteria VI	Criteria VII	Total	Score on 100	Average Score on 5 point grading	Grade
1.	Bio Med	86	80	38	30	30	27	37	328	65.6	3.28	C-Good
2.	B.Arch	95	92	20	50	50	50	50	407	81.4	4.07	B-Very Good
3.	Chemistry	98	83	55	48	44	38	42	408	81.6	4.08	B-Very Good
4.	Civil	100	98	91	49	48	30	50	466	93.2	4.66	A-Excellent
5.	CSE	100	100	65	50	40	50	35	440	88	4.4	B-Very Good
6.	ECE	100	88	98	37	45	34	30	432	86.4	4.32	B-Very Good
7.	EEE	92	92	55	45	25	41	20	370	74	3.7	B-Very Good
8.	English	86	91	58	40	40	45	39	399	79.8	3.99	B-Very Good
9.	IT	95	92	60	35	35	25	25	367	73.4	3.67	B-Very Good
10.	Maths	80	77	26	10	10	30	17	250	50	2.5	C-Good
11.	Mech	95	96	78	48	45	45	33	440	88	4.4	B-Very Good
12.	MBA	100	88	80	30	50	35	30	3	82.6	4.13	B- Very Good
13.	MCA	100	100	78	49	47	50	40	464	92.8	4.64	A- Excellent
14.	Physics	94	80	55	40	35	45	30	379	75.8	3.79	B-Very Good

WA-Weighted Average | A-Excellent(4.5-5) | B-Very Good(3.5-4.49) | C-Good(2.5-3.49) | D-Average(1.5-2.49) | E-Poor(<1.49)

### ACADEMIC YEAR – 2016 – 17

### OVERALL UNIVERSITY AVERAGE SCORE

No.	Criteria	Score on 100
I	Curriculum Enrichment	94
II	Technical learning & Evolutions	88
III	Research, Consultancy & Extension	52
IV	Infrastructure & learning resources	79
V	Students supports & Progression	69
VI	Governance Leadership & management	76
VII	Innovation & Best practices	64



We congratulate the Departments of Civil and MCA for performing well and achieving excellent score.

### Awards & Recognition

We have very good faculty who maintains the quality of teaching learning process and here are some of our faculty who have achieved laurels in their carrier. We feel proud to congratulate the following faculty for their achievements.





- Dr.M.A.Dorai Rangaswamy, Registrar- Asian Education & Leadership Award
- Dr.R.Gayatri, Professor & Head, MBA- Life Time Education Achievement Award & Best Academic Administrator Award
- Dr. R. Latha, Prof & Head- Best Women Professor in Computer Science & Applications & Best Academic Administrator Award
- Dr.Sayeeda Sultana, Prof. & Head, Chemistry- Best Academic Administrative Award , Bharath Excellence Award for the outstanding and extra-Ordinary achievements in Chemistry Mother Teresa Global Award for Excellence for the outstanding individual Achievements
- Dr.G.P.Ramesh, Professor & Head, ECE- Best Faculty for the year 2017
- Dr.S.Stella Mary, Prof&Head, Physics- Best Academic Administrator Award in Physics Women's women Award
- Dr. P.Asha, Professor, Civil Engineering- CIDC Vishwakarma Award

## PUBLICATIONS:

The faculty and research scholars are encouraged to publish technical papers in journals and conferences. During the year 2016, totally 372 technical papers were published out of which 251 were published in journals.

## PATENTS FILED

We congratulate the Department of ECE for filing Patent this year on the Device for hand gesture to voice translation dumb assist device for elderly people assistance.

### International Journal published by University -

Dr.R.Gayatri, Professor & Head, MBA – Editor, SPIM International Journal of Management Research, ISSN 2394-5842, February 2017, Volume -1, Issue –V.

## R&D PROJECTS

The faculties are encouraged to prepare proposals for obtaining grant from various funding agencies. The students are advised to take up socially relevant and nationally important research projects for their project work in final year B.E./B.Tech., and M.E./M.Tech. courses. They are also encouraged to present technical papers in conferences and seminars. A number of students have presented papers in seminars/symposia.

### List of Projects applied for Grant during the Academic Year

The departments of Civil, Chemistry and SPEC- TBI have applied for Projects to different funding agencies like **BRNS, SERB NII Ayog, MHRD and DST** for a total Amount of **Rs. 1,144.675**.

### Details of Grant received/sanctioned during 2016-17

- SPIHER-MSME business Incubator - Developing innovative ideas and upgradation of infrastructure – for 5 projects-MSME-14.273 lakhs
- Project exhibition – ECE Dept- International Institute of Project Management-0.100 Lakhs
- Student project – Dept. of Civil Engineering- TNSCST-0.100 Lakhs
- Technology Business Incubator Faculty development programme on entrepreneurship development-EDII -5.700 Lakhs

## Project exhibition by ECE Department

The Department of ECE conducted project exhibition on 4th April 2017. The Final year and Third year Students of the University and neighbouring institutions displayed & demonstrated their Projects. The project exhibition was sponsored by International Institute of Project Management (IIPM). The projects were categorized in different fields of specialization such as Embedded System, VLSI, Antenna and Communication. Nearly 20 projects were displayed by students.



## ENTREPRENEURSHIP DEVELOPMENT

The following programmes, sponsored by Entrepreneurship Development Institute of India, Ahmedabad, were conducted during the year.

- Faculty development programme, December 12-24, 2016.
- Entrepreneurship awareness camp, February 6-8, 2017
- Technology based entrepreneurship development programme, February 16 to April 5, 2017.



## SPIHER —MSME BUSINESS INCUBATOR

The SPIHER – MSME Business Incubator is sponsored by the Ministry of Micro, Small and Medium Enterprises, Government of India. The following ten projects were completed successfully during the year with a total grant of Rs.51.552 lakhs. Patent was filed on the Device for hand gesture to voice translation dumb assist device



**Device for active assist Rehaliablitation of elbow and wrist joint**

## Major Events in the University

- 'Vettri Nichayam' in collaboration with 'Daily Thanthi' on carrier Guidance
- FDP on Entrepreneurship
- St. Peter's University Trophy Sports and Cultural Meet for Schools
- 4<sup>th</sup> International Conference on Green Technologies for power generation, communication & Instrumentation by ECE Department
- 5<sup>th</sup> 'Project Expo' for UG Students
- Techno Entrepreneurship Development Program on Servicing of Refrigeration & Air Conditioning
- National Science Day 2017
- Womens Day 2016
- Annual & Sports Day 2017
- Convocation 2017



## 7<sup>TH</sup> Convocation

The 7th Convocation of St. Peter's University was conducted on 5th November 2016. Shri.S.K.Sharma, Chairman & Managing Director, Nuclear Power Corporation of India Ltd., was the Chief Guest and delivered the convocation address. Dr.T.Banumathi, Chancellor, presided over the function and distributed the degrees. Totally 770 degrees were awarded including 26 Ph.Ds. Dr.D.Gopi received the Sir C.V.Raman Young Scientist award instituted by St. Peter's University for the year 2015



## ‘Vetri Nichayam’ in collaboration with ‘Daily Thanthi’ on carrier Guidance

This year's popular career counselling programme Vetri Nitchhayam for 10<sup>th</sup> & 12<sup>th</sup> students was sponsored by St. Peter's University in collaboration with Daily Thanthi are conducted in the auditorium of our University on 9th April 2017. More than 3,000 students from Chennai, Tiruvallur & Kancheepuram districts participated in the programme and were benefitted by the presentations by experts on the various higher education programmes available in Tamil Nadu. Mrs.A.Sundaravalli, District Collector, Tiruvallur, inaugurated the programme. Dr.T.Bhanumathi, Chancellor, presided over the function. Dr.S.Ravichandran, Vice Chancellor, welcomed the gathering. Mr.R.Dananjeyan, Chief General Manager, Daily Thanthi, mentioned about the various initiatives of Daily Thanthi in promoting education in the state.



## Women's Day

Women's Day was celebrated in a grand manner on 8th March 2017. Several competitions were conducted for girl students and women staff members and prizes distributed by Dr.T.Banumathi, Chancellor during function. S.N.Shalini, Psychiatrist, and Mr.M.Ramalingam, well known orator, were the guests of honour.



## National Science Day 2017

National Science Day was celebrated on 11th March 2017 by the Science and Humanities Association. Dr. S.Ganesan, Registrar, Anna University was the Chief Guest. He stressed the need for high quality research work and advised to take up inter departmental activities which will pay rich dividend in the application oriented research activities. A picture of Sir C.V.Raman was unveiled by the dignitaries on this occasion



## St. Peter's University Trophy Sports & Cultural Meet for Schools

More than 1,000 students from various schools of Tiruvallur, Kancheepuram and Chennai districts visited the campus for Sports and Cultural meet organised on 6<sup>th</sup> and 7<sup>th</sup> October 2016. Various sports events were conducted by the Physical Director. The students displayed their scientific talents by models and exhibits which were judged by experts and best three exhibits were selected. Prizes were distributed to the winners and St. Peter's University Trophy was presented to the best school for overall performance. Dr.K.Kantharaj, Dean(Biomedical Engineering) coordinated the programme.



## 9<sup>TH</sup> Annual and Sports Day

St. Peter's University, Avadi, Chennai, celebrated its 9th Annual and Sports Day on 4th March 2017 in the University campus. The Chief Guest for the function was Mr.K.Sridhar, Managing Director, Kelsa Solutions. The Annual Report of the University was presented by Dr.S.Ravichandran, Vice Chancellor. He listed the various achievements of the University in the past one year including accreditation by the NAAC Inspection Committee in November 2015. Mr.Palanivel Rajan, Physical Director, mentioned about the various sports activities held in the campus. Both the academic and sports prize winners were felicitated with awards and prizes during the event. The function was followed by a glittering array of spectacular cultural events.





## Independence Day

**Independence** Day was celebrated on 15th August 2016. Dr.S.Ravichandran, Vice Chancellor, hoisted the national flag and addressed the gathering. Several staff members and students participated in the function. Breakfast was served for all the participants.

## Republic Day

Republic Day was celebrated on 26th January 2017. Dr.S.Ravichandran, Vice Chancellor, hoisted the national flag and addressed the gathering. Several staff members and students participated in the function. Breakfast was served for all the participants.

## National Service Scheme

The NSS Unit along with IQAC cell conducted several programmes during the academic year.



Digital payment campaign



CRP Training & Practical session



Inauguration of NSS activities for 2016-17



Training on fire safety to students



Health camp in Konambedu Village Eye camp in school



Games & Yoga Class for School Students

## GREEN MEASURES INITIATIVES IN THE CAMPUS

### CLEANING THE CAMPUS- SWACHH BHARATH &

### PLANTING OF TREES -SWACHHTA HI SEVA CLEAN INDIA CAMPAIGN

Initiatives have been taken by the students and faculty of all the departments to keep the campus clean and tidy. All the departments took initiative of planting trees in the campus for the environmental benefits. – Planting trees at the campus

