



# St. PETER'S UNIVERSITY

(Declared under section 3 of the UGC Act.1956)  
NAAC Accredited & ISO 9001:2015 Certified Institution



## IQAC NEWS LETTER JUNE 2017

### IQAC - Primary Goal

- To develop a system for conscious, consistent and catalytic action to improve the academic and administrative performance of the institution.
- To promote measures for institutional functioning towards quality enhancement through internalization of quality culture and institutionalization of best practices.

### Findings Of The Academic Audit Conducted In Even Semester

The academic audit as scheduled for this year for both odd and even semesters were conducted 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 CORE TEAM of SPU

Dr. S. Ravichandran Vice Chancellor, Chairperson
Dr. L. Mahesh Kumar, Registrar, Member
Dr. D. S. Ramachandra Murthy, Director R&D & Bursar, Member
Dr. S. Stella Mary, HOD/Physics (Co-ordinator), Member

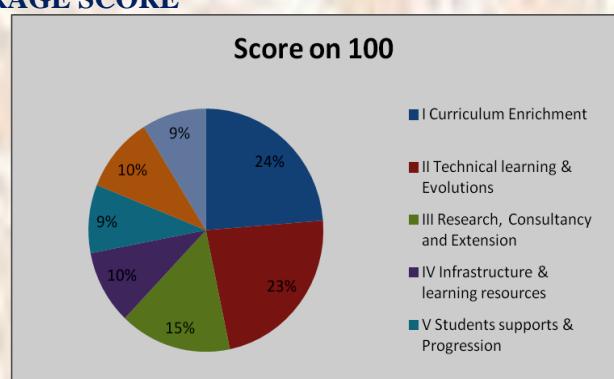
#### IQAC Academic Audit Summary- April 2017

S.No	Dept.	Crit . - I	Crit. - II	Crit. - III	Crit. - IV	Crit. - V	Crit. - VI	Crit. - VII	Total	Average Score on 5 point grading	Grade
1.	Bio Med	88	88	47	30	30	27	36	346	3.46	B-Very Good
2.	B.Arch	95	92	20	50	50	50	50	407	4.07	B-Very Good
3.	Chemistry	98	96	56	48	44	48	44	434	4.34	B-Very Good
4.	Civil	98	95	91	46	49	48	47	474	4.74	A- Excellent
5.	CSE	100	100	67	50	40	50	35	442	4.42	B-Very Good
6.	ECE	100	96	91	35	35	30	30	417	4.17	B-Very Good
7.	EEE	92	92	55	45	25	41	20	370	3.7	B-Very Good
8.	English	86	92	59	42	43	45	41	408	4.08	B-Very Good
9.	IT	95	92	60	35	35	25	25	367	3.67	B-Very Good
10.	Maths	80	77	28	10	10	33	17	255	2.55	C- Good
11.	Mech	96	84	70	48	45	44	39	426	4.26	B-Very Good
12.	MBA	95	88	80	25	30	25	30	373	3.73	B-Very Good
13.	MCA	100	100	75	48	47	50	40	460	4.6	E-Excellent
14.	Physics	95	82	55	40	25	40	35	372	3.72	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)

### OVERALL PERFORMANCE OF UNIVERSITY AVERAGE SCORE

S. No.	Criteria	Score on 100
I	Curriculum Enrichment	94
II	Technical learning & Evolutions	91
III	Research, Consultancy and Extension	61
IV	Infrastructure & learning resources	39
V	Students supports & Progression	36
VI	Governance Leadership and management	40
VII	Innovation & Best practices	35



## 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.R.Gayatri, Professor & Head, MBA -Best Academic Administrator Award from Top , International Educational Trust, Pondicherry on 26.3.2017.
- Dr.R.Latha, Prof. & Head, MCA- Best Women Professor in Computer Science & Applications Award from PEARL Foundation, Madurai.
- Dr.Sayeeda Sultana, Prof. & Head, Chemistry - Best Academic Administrative Award - Top International Educational faculty and students award TIESFA 2017 for the outstanding Performance and optimum dedication towards the Educational Community from Top international Educational Trust, Pondicherry on 26/3/2017.
- Dr.Sayeeda Sultana , Prof. & Head, Chemistry, Bharath Excellence Award for the outstanding and extra-Ordinary achievements in Chemistry and Services rendered to promote greater friendship and India-International co-operation from Friendship Forum of India FFI New Delhi on 13/5/2017.
- Dr.Sayeeda Sultana, Prof. & Head, Chemistry - Mother Teresa Global Award for Excellence for the outstanding individual Achievements and Distinguished Services to the Nation operation from Friendship Forum of India FFI ,New Delhi on 3/5/2017.
- Dr.Sayeeda Sultana, Prof. & Head, Chemistry - Rising Women of India Award for the outstanding individual achievements and distinguished Services to the nation in Recognition of Exceptional Caliber and Outstanding Performance in Chemistry for the year 2017, Friendship Forum of India FFI ,New Delhi.
- Dr.G.P.Ramesh, Professor & Head, ECE - Best Faculty for the year 2017 by Scientific Communications Research Academy.
- Dr.S.Stella Mary, Prof&Head, Physics - Best Academic Administrator Award in Physics from TIESFA-2017– Top International Educational Faculty & Students Awards -2017 in Puducherry on 26<sup>th</sup> March 2017.
- Dr.S.Stella Mary, Prof&Head, Physics - Women's women Award –AMN Global group – received from P.Susheela. March 2017.
- Dr. P.Asha, Professor, Civil , CIDC Vishwakarma Award 2017 given on 7<sup>th</sup>March 2017.

## PUBLICATIONS

The faculty and research scholars are encouraged to publish technical papers in journals and conferences. During the year upto June 2017, totally 372 technical papers were published out of which 251 were published in journals.

### Books

- Dr.D.S.Ramachandra Murthy, Director (R&D) – “Design and construction of precast concrete structures”, Dipti Press (OPC) Pvt.Ltd., ISBN 978 81 933583 75, 2017.
- Dr.R.Gayatri, Professor & Head, MBA – “Holistic Research Perspectives: Issues & Challenges”, Jupiter Publications (HR Chapter) Consortium(JPC) [www.jpc.in.net](http://www.jpc.in.net).

### R&D PROJECTS

The University promotes high quality research through expert guidance by experienced faculty. The research work of the scholars is reviewed periodically. Workshop on Research Methodology is conducted every year. Awareness on high quality publications and metrics is created among faculty and research scholars through special lectures. Awareness about Intellectual Property Rights is also created through special lectures. Faculty and research scholars are encouraged to apply for grant for research projects. Emphasis is given for innovative projects. *Centre for Innovation* has been created.

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 Mechanical, Bio-Technology, Civil, EEE, ECE, MCA, Physics, Chemistry and SPEC- TBI have applied for Projects to different funding agencies like **Co Research Grant BRNS, SERB NII Ayog, MHRD and DST.**

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

- SPIHER-MSME business Incubator - Developing innovative ideas and upgradation of infrastructure – for 5 projects, Ministry of MSME , Govt. of India-, 14.273Lakhs.
- Project exhibition – ECE Dept. , International Institute of Project Management - 0.100 Lakhs.
- Student project – Dept. of Civil Engineering, Tamil Nadu State Council for Science and Technology - 0.100 lakhs.
- Technology Business Incubator - Entrepreneurship Awareness Camp & Technology based Entrepreneurship Development Programme, - Entrepreneurship Development Institute of India, Ahmedabad – 3.2 lakhs

### PROGRAMME ORGANISED

The following Programmes were organized by the departments during the semester

- Seminar on Internet of Things and its Applications, CSE Department. January 20, 2017.
- Hands-on training workshop on ‘Biomedical circuits and systems interfacing’ Department of Biomedical Engineering, February 25, 2017.
- Hands on training workshop on Adobe after effects animation tool, CSE Dept. - Guest speaker: Mr.N.Prasanth, Manager, Technical Arina Animation, February 23, 2017.
- Workshop on “Embedded System Design using PIC Microcontroller”, ECE Department, February 22-23, 2017.
- Inter-collegiate Management Meet FORTITUDE – 2017 - Chief Guest: Mr.S.A.Hariharan News Anchor & Moderator, Thanthi TV on 10.2.2017.
- Awareness programme on Human rights for emerging society, Chief Guest: Dr.K.Mariappan, Former Member, State Human Rights Commission and Former Director of School Education, Tamil Nadu, Chemistry Dept, March 20, 2017.
- National Conference on Innovations Civil Engineering ICE 2017, Chief Guest: Dr.K.Sivakumar, L&T Construction, Building and Factories, Civil Dept, March 21, 2017.
- National conference on Recent advancement in mechanical science and technology NCRAMST-2K17- Chief Guest: Dr.N.Ravichandran, Ex CEO, Lucas TVS Ltd, Director, India Japan Lighting Ltd, Mech Dept, on March 23, 2017.

- National conference on Recent trends in computing and communication technologies - Chief Guest: Mr.Gurumoorthy Ganesan, Sr. Project Manager, TELECOM, IBM India , Guest of Honour: Dr.Susan Elias, Assoc. Prof., VIT University. CSE and IT Departments – on March 28, 2017.
- 4th International Conference on Green Technologies for Power Generation, Communication and Instrumentation *ICGPC 17*, ECE Department – on April 3-4, 2017.
- Recent trends and technologies in Soft Computing , Chief Guest: Mrs.Rama Sivaraman, COO, Executive Director & Board Member, Polaris Consulting Service Ltd. , MCA Dept, on April 5, 2017.
- ARTECO'17, St. Peter's School of Architecture, Chief Guest: Ar.MuraliMurugan , Principal Architect, Murali Architects , Architecture Dept, on April 25, 2017.
- National conference on Frontier areas in science and humanities, Science & Humanities, on May 8, 2017.



4th Intl. Conference on Green Technologies for Power Generation, Communication and Instrumentation, April 3-4, 2017

Workshop on Embedded system design using PIC microcontroller, February 22-23, 2017



National Conference on Recent Trends in Computing and Communication Technologies (NCRTCCT'17), March 28, 2017

Hands on Training workshop on Adobe after effects animation tool, CSI student chapter activity, February 23, 2017



National Conference on Innovations in Civil Engineering, 21.03.2017

National conference on Frontier areas in science and humanities, May 8, 2017

## VETRI NICHHAYAM – In collaboration with Daily Thanthi

The popular career counselling programme, *Vetri Nichhayam*, is conducted by *Daily Thanthi* every year for students who have completed 10<sup>th</sup> and 12<sup>th</sup> standard. This year's *Vetri Nitchhayam* programme was sponsored by St. Peter's University and conducted in the auditorium of our University on 9<sup>th</sup> April 2017. More than 3,000 students from Chennai, Tiruvallur and 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.



## National Science Day 2017

National Science Day was celebrated on 11<sup>th</sup> March 2017 by the Science and Humanities Association. Dr. S.Ganesan, Registrar, Anna University was the Chief Guest. Dr. Ganesan 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.

## Guest Lectures:

The following guest lectures were arranged by the departments during the semester.

S.No	Title of the Topic	Resource Person	Date
1.	Awareness programme on Human rights for emerging society	Dr.K.Mariappan Former Member, State Human Rights Commission, Former Director of School Education, TamilNadu	20-3-2017
2.	New Engineering materials' (Metallic glasses, Shape memory Alloys, Nano, NLO and Bio materials)	Dr.R.Sugaraj Samuel, Associate Professor, New college, Chennai.	24 <sup>th</sup> March 2017
3.	Applications of Mathematics, the Queen of Science and Technology	Mrs. Sharon Rubini Assistant Professor SPCET, Chennai	22 September 2017

## Alumni Meet

Alumni Meet was conducted on 5<sup>th</sup> November 2016 at the University campus. Dr.S.Ravichandran, Vice chancellor, presided over the meeting. He requested the alumni to keep in touch with the University and wished them happy and prosperous life with rewarding career growth. Dr.L.Mahesh Kumar, Director (Academic) addressed the alumni.



**Republic Day** was celebrated on 26<sup>th</sup> 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.

## Hostels' Day

Boys' and Girls' Hostels' Day was celebrated in a grand manner on 5<sup>th</sup> March 2017. Mr.Kalaipuli S.Thanu was the Chief Guest. The function was followed by cultural programme.

## Convocation:

The 7<sup>th</sup> Convocation of St. Peter's University was conducted on 5<sup>th</sup> 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.

## Annual & Sports Day:

St. Peter's University, Avadi, Chennai, celebrated its 9<sup>th</sup> Annual and Sports Day on 4<sup>th</sup> 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.

## NATIONAL SERVICE SCHEME

The NSS Unit along with IQAC cell conducted several programmes during the academic year. NSS camp in Konambedu village/Government school.

19-2-2017

- Inaugural function



21-2-2017 Yoga class



22-2-2017 - Awareness on Digital payment systems and sports

23-2-2017 - Health awareness camp



20-2-2017 - Survey of Konambedu village



24-2-2017 - Book binding and cleaning the school campus

25-2-2017 - Valedictory function

## CLEANING THE CAPMPUS- 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.

