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## **EVALUATIVE REPORT OF THE DEPARTMENT**



# **School of Architecture**



**1. Name of the Department: St. Peter's School of Architecture**

**2. Year of establishment : 2012**

**3. Is the Department part of a School/Faculty of the University?**

St. Peter's School of Architecture is a department of the St. Peter's University approved by the Council of Architecture, India for imparting education in Architecture.

**4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)**

Bachelor of Architecture (B.Arch.) of 5 years duration

**5. Interdisciplinary programmes and departments involved**

**B.Arch**

S. No.	Sub. Code	Interdisciplinary courses	Year/ Sem	Department
1.	112ART 01 / 113ART01	Mathematics	I/I	Mathematics
2.	212ART 01 / 213ART01	Mechanics of Structures - I	I/II	Civil Engineering
3.	312 ART01 / 313ART01	Mechanics of Structures - II	II/III	
4.	412ART01 / 413ART01	Design of Structures – I	II/IV	
5.	413ART05	Building Services - I	II/IV	
6.	512ART01 / 513ART01	Design of Structures – II	III/V	
7.	612ART01 / 613ART01	Design of Structures – III	III/V	
8.	713ART01	Specifications and Estimation	IV/VII	
9.	513ART03	Building Services – II	III/V	
10.	613ART04	Building Services – III	III/VI	Mechanical Engineering
11.	612ART04	Architectural Acoustics	III/IV	Physics
12.	613ART04	Building Services – III	III/ IV	

**6.Courses in collaboration with other universities, industries, foreign institutions, etc.**

Nil

**7.Details of programmes discontinued, if any, with reasons**

Nil

**8.Examination System: Annual/Semester/Trimester/Choice Based Credit System**

Semester system and Choice Based Credit System(CBCS)

**9. Participation of the department in the courses offered by other departments**

Nil

**10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)**

Designation	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	2	2	2
Associate Professors	3	4	4
Asst. Professors	7	6	6
Others	2	2	2

**11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance.**

S. No.	Name	Qualification	Designation	Specialization	No. of years of Experience	No. of Ph.D./M. Phil. students guided for the last 4 years
1.	Vasudevan. T.J.	M.Arch.	Director / Prof./ HoD	Architecture	24	NA
2.	Lashba Paulraj	B.Arch.	Design Chair	Architecture	30	NA
3.	P.Kanimozhi	M.Arch.	Assoc. Prof.	Architecture & Housing	12	NA
4.	Rashminoganth	M.Arch &	Assoc.	Digital	12	NA

		M.T.P.	Prof.	Architecture & Planning		
5.	P. Sumalatha	M.Plan	Assoc. Prof.	Architecture & Planning	8	NA
6.	Kathiresan	M.Arch.	Assoc. Prof.	Architecture & Planning	8	NA
7.	Abdul Ansari	M.Arch.	Asst. Prof.	Architecture & Planning	7	NA
8.	S. Ashwini	B.Arch.	Asst. Prof.	Architecture	14	NA
9.	D.Prasad	M.Arch.	Asst. Prof.	Architecture & Landscape	6	NA
10.	M. Sathiamena	B.Arch.	Asst. Prof.	Architecture	7	NA
11.	K.Aravinthan	B.Arch.	Asst. Prof.	Architecture	3	NA
12.	S.Kirithika	B.Arch.	Asst. Prof.	Architecture	0.5	NA
13.	R. Saravanan	B.Arch.	Asst. Prof.	Architecture	0.5	NA
14.	Dhiyaneshwaran	M.F.A. (Painting)	Asst. Prof.	Water colour Painting	2	NA

**12. List of senior Visiting Fellows, adjunct faculty, emeritus professors**

Name	Qualification	Designation	Specialization	No. of years of Experience
Mr. Sethu M	B. Arch	Visiting Prof.	Architecture	30
Mr. Mustaq Ahmed M S	B. Arch	Visiting Prof.	Architecture	30

**13. Percentage of classes taken by temporary faculty – programme-wise information**

Nil

**14. Programme-wise Student Teacher Ratio**

S. No.	Programme	Sanctioned Strength	Student :Teacher Ratio
1	B.Arch.	40 ( 40*1 )	10 : 1

**15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual**

Designation	Sanctioned	Filled	Actual (incl. CAS &MPS)
Support Staff (Technical)	3	3	3
Administrative Staff	1	1	1

**16. Research thrust areas as recognized by major funding agencies**

- Sustainable practices in conceptual design process.
- Futuristic design elements for sustainable buildings

**17. Number of faculty with ongoing projects from a) National b) International funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.**

Nil

**18. Inter-institutional collaborative projects and associated grants received**

- a) National Collaboration- Nil  
 b) International Collaboration - Nil

**19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.**

Nil

**20. Research facility / centre with**

- State recognition -Nil
- National recognition - Nil
- International recognition - Nil
- Others

S. No.	Software available
1	Auto Desk ACAD 2004(Min)/2007
2	Adobe Photoshop 7(Min)/8
3	Discreet 3DSMAX 4(Min)/6
4	Adobe Premiere 6
5	Macromedia Flash 6

<b>S. No.</b>	<b>Equipment/Hardware Kits available</b>
1.	One Computer (Pentium 4) with required licensed software (as per the sanctioned intake)
2.	Plotter (A0 size)
3.	Laser Jet Printer (A4 Size)
4.	LCD With Support System
5.	One Computer (Pentium 4) with required licensed software (as per the sanctioned intake)
6.	Portable Drilling Machine
7.	Portable Screw and Nutt Setter Machine
8.	Measuring Tape (Steel 30m)
9.	Model Miniature Bricks in Wood
10.	Plani Meter
11.	Handiman Tool Kit
12.	Thermocole Cutting Machine
13.	Glass Cutter
14.	Electrically operated potter's wheel
15.	Barometer
16.	Solarimeter
17.	Animometer
18.	Comprehensive Weather Station

**21. Special research laboratories sponsored by / created by industry or Corporate bodies**

Nil

**22. Publications:**

- a) **Number of papers published in peer reviewed journals (National /international) - Nil**
- b) **Monographs – Nil**
- c) **Chapters in Books – Nil**
- d) **Edited Books – Nil**
- e) **Books with ISBN with details of Publishers –Nil**
- f) **Number listed in International Database(for e.g. web of science, Scopus, Humanities International complete, Dare Database –International Social sciences Directory, EBSCO host, etc) – Nil**
- g) **SJR - Nil**
- h) **H-index- Nil**

**23. Details of patents and income generated**

Nil

**24. Areas of consultancy and income generated**

Nil

**25. Faculty selected nationally / internationally to visit other laboratories / institutions/ industries in India and abroad**

Nil

**26. Faculty serving in**

- a) **National committees**
- b) **International committees**
- c) **Editorial Boards**
- d) **any other (please specify)**

Ar. Lashba Paulraj, Professor/Design Chair, St. Peter's School of Architecture is an executive member of the Council of Architecture inspection committee.

Ar.Vasudevan.T.J, Director, has Fellowship in Institute of Valuers. All the faculty of the school are registered members of Council of Architecture.

**27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).**

The faculty members have attended the various recharging and development programmes as listed below.

Year	FDP/FEP	Training Programme	Workshops	Seminars	Conference
2015	-	1	1	1	1
2014	-	-	1	2	-
2013	-	-	-	1	-
2012	-	-	-	-	-

Faculty name	Title of program	Conducted by
Vasudevan. T.J	Computer training for housing and information development.	Human Settlement Management Institute
	Asset Management	Institution of Valuers-Chennai branch
	Valuation of Immovable and movable assets	Institution of Valuers-Chennai branch
Kanimozhi. P	Teaching in the age of digital media using content development tools	SRM Engineering College
	Architecture for health an integrated approach	School of Architecture and planning, Anna University.
	Design methodology for teachers of art Architecture and engineering	School of Architecture and planning, Anna University.
	International workshop on Architectural systems	Hindustan University
	Conservation in urban Architecture	Hindustan University
Lashba Paulraj	Workshop on fire safety	St. Peter's University
	International conference on disaster management	St. Peter's University
	Workshop on disaster	St. Peter's University



	management	
	National seminar on effective utilization of industrial wastes.	St. Peter's University
	National workshop on design and construction of precast concrete structures	St. Peter's University
Sathiamena. M	Workshop on fire safety	St. Peter's University
	International conference on disaster management	St. Peter's University
	Workshop on disaster management	St. Peter's University

## 28. Student projects

- **Percentage of students who have done in-house projects including inter departmental projects**
- **Percentage of students doing projects in collaboration with other universities/ industry / institute**

The school is just 3 years old and hence it's too early for such projects to be undertaken by the students. Only in the final 10<sup>th</sup> semester the students will be taking up research/design oriented projects.

## 29. Awards / recognitions received at the national and international level by

- **Awards / recognitions of Faculty–Nil**
- **Awards / recognitions of Doctoral/post-doctoral fellows–Nil**
- **Awards / recognitions of Students**

S. No.	Student Name & Class	Activity	Organized by	Award Received
1	Bharath - III Yr.	Sand sculpture competition	AARDE foundation & RVS College.	Third place
2	Vimalathithan – IV Yr.	Face Painting	Hindustan University	Second place
3	IV Yr B.Arch. students	Short film on Child Labour	Hindustan University	First place

**30. Seminars/ Conferences/Workshops organized and the source of funding (national/ international) with details of outstanding participants, if any.**

Academic Year	Symposium	Conferences	Workshops
2012- 2013	-	-	1
2013- 2014	-	-	1
2014-2015	-	-	4
<b>Total</b>	-	-	<b>6</b>

S. No.	Title of the program & period	Convenor/ Co-ordinator	National/ International	Funding Agency
1.	Hands on Training programme for Clay modelling& model making. 22 <sup>nd</sup> & 23 <sup>rd</sup> Aug 2012	S.Hemasailarajan	---	St.Peter's University
2.	Hands on Training programme for Clay modelling & model making. 27 <sup>th</sup> & 28 <sup>th</sup> Aug 2013	S.Hemasailarajan	---	St.Peter's University
3.	Hands on Training programme for Clay modelling & model making. 2 <sup>nd</sup> & 3 <sup>rd</sup> Sep 2014	S.Hemasailarajan	---	St.Peter's University
4.	Seminar on Poetry of Pragmatics 23 <sup>rd</sup> Jan 2015	S.Hemasailarajan	International	St.Peter's University
5.	Seminar on Modular Architecture in Modern Era 12 <sup>th</sup> Jan 2015	Lashba Paulraj	---	St.Peter's University
6.	Pre-Fab Architecture 5 <sup>th</sup> Jan 2015	Lashba Paulraj	---	St.Peter's University

### 31. Code of ethics for research followed by the departments

The school offers only an undergraduate programme in which the students will be doing a dissertation in their 8<sup>th</sup> semester and a Thesis in the 10<sup>th</sup> Semester each of one semester duration. The Code of Ethics to be followed during this are:

- i. Researchers must respect the rights, interests and dignity of participants and related persons in research.
- ii. Research must be undertaken in accordance with any relevant common law or legislation.
- iii. Informed consent should normally be obtained from participants.
- iv. Consent itself should be given freely without force or coercion.
- v. Researchers have an obligation to protect research participants wherever possible from significant harm consequent upon the research.
- vi. The confidentiality of information supplied by research participants and any agreement to grant anonymity to respondents should be respected
- vii. All research involving human participants whether undertaken by academic staff, other university staff or students is to be subject to ethical approval.
- viii. Both the design of research and its conduct should ensure integrity and quality.
- ix. Research is to be undertaken subject to the principle of academic independence. Where any conflicts of interest or partiality arise, these must be clearly stated prior to ethical approval being obtained.

### 32. Student profile programme-wise:

Name of the Programme (refer to question no.4)		Applications received	Selected		Pass Percentage	
			Male	Female	Male	Female
B.Arch	2012-2017	7	4	3	---	---
B.Arch	2013-2018	18	9	5	---	---
B.Arch	2014-2019	17	9	8	---	---
B.Arch	2015-2020	21	10	7	---	---

**33. Diversity of students**

Name of the Programme (refer to question no. 4)	% of students from the Same University	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
B. Arch. Bachelor of Architecture	-	-	-	-

Higher secondary schools passed out students are only admitted in the undergraduate course offered by the St. Peter's School of Architecture, after having cleared the NATA Exam.

**34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise.**

Not Applicable as the first batch of students have not passed out.

**35. Student progression**

Student progression	Percentage against enrolled
UG to PG	Not applicable since the school is offering UG course of 5 year duration and is just 4 years old now.
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed	
• Campus selection	
• Other than campus recruitment	
Entrepreneurs	

**36. Diversity of staff**

Percentage of faculty who are graduates	
of the same University	-
from other universities within the State	94%
from universities from other States	6%
from universities outside the country	-

**37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period**

Nil

**38. Present details of departmental infrastructural facilities with regard to**

**a. Library :**

Our department has a separate library having,

- 450 titles
- 1300 volumes
- 6 national journals,
- 2 E-journals

**b. Internet facilities for staff and students:**

- Bandwidth : 1 Gbps (for all staff and students)

**c. Total number of class rooms:**

As per norms of Council of Architecture

S. No.	Rooms	Nos.
1	Lecture Halls	4
2	Studios	4

**d. Class rooms with ICT facility:**

- Audio-visual hall with LCD projector and speakers available

**e. Students' laboratories: 4 labs**

Computer lab	120 sq.m.
Material Museum	120 sq.m.
Climatology Lab	117 sq.m.
Art Workshop	115 sq.m.
Surveying and Carpentry Lab	Shared from Civil Dept.

f. **Research laboratories :**

- Climatology lab is used for analysing the day to day weather changes. Revit Architecture Software in CAD Lab has BIM integrated in it and is used for analysing the efficiency and performance of a building design in all aspects.

**39. List of doctoral, post-doctoral students and Research Associates**

- a) **From the host Institution/University**– Nil
- b) **From other Institutions/Universities** – Nil

**40. Number of post graduate students getting financial assistance from the University.**

Nil

**41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.**

Yes, based on indicative situations that led to more vacant engineering seats in all engineering colleges in Tamil Nadu and the increased need for architects with increased awareness & importance to maximum utilization of available space and aesthetics of habitable spaces.

**42. Does the department obtain feedback from**

**a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?**

Yes. Constructive suggestions are considered for implementation.

**b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?**

Yes. Staff performance evaluation is done based on their feedback and appropriate actions taken, if required.

**c. Alumni and employers on the programmes offered and how does the department utilize the feedback?**

Not applicable as the first batch of students have not yet passed out.

**43. List the distinguished alumni of the department (maximum 10)**

Not applicable as the first batch of students have not yet passed out.

**44. Give details of student enrichment programmes (special lectures / workshops /seminar) involving external experts.**

S. No.	Date	Name of institution / industry	Purpose	Year/sem
1.	24.09.2014	CSIR-SERC, Tharamani.	For gaining knowledge about new structural methods and materials.	III yr/ Vsem
2.	17.9.2014	Dakshinachithra, ECR.	For understanding the various vernacular Architectural styles	I yr / I sem
3.	04.09.2014	AMS school of Architecture, Pattabiram.	To know how of, thesis topic selection and presentation techniques from various Architecture colleges.	IIIyr/Vsem
4.	07.08.2014	Amazing love home & Anandham Old age home, Padappai.	Case study as part of Architectural design-iv	IIIyr/Vsem
5.	19.08.2014	Titan township, Hosur.	Case study visit, for a better understanding of design of row housing	IIIyr/Vsem
6.	08.08.2014	TNHB, Anna Nagar.	For understanding the prevailing building practices and construction techniques.	IIyr / IIIsem
7.	25.07.2014	Government Museum, Egmore.	For a better understanding of the design of museum as part of Architectural design-v	IIIyr/Vsem

8.	23.01.2015	School of Architecture, Victoria University of Wellington, New Zealand.	To get exposed to the design approach adopted in the works of new York Architecture and design firm Emilio Ambasz and associates	I yr&IIIyr
9.	12.1.2015	Ganesh Kumar & Associates	Modular Architecture in modern era	I yr, IIyr&IIIyr
10.	19.01.2015 to 29.01.2015	Jallipalayam village, Thondamuthur, Coimbatore	For gaining knowledge about the sustainable life of the rural settlements; to understand the materials, construction techniques and concepts governing the rural Architecture.	IIyr/ IVsem
11.	20.02.2015	MEASI Academy Chennai.	Architectural exhibition to gain knowledge of Sustainability and Environmental Design.	IIyr&IIIyrV/ VSem
12.	13.03.2015	C.S.I.Good Shepherd Church, R.K.Salai, Mylapore.	Documentation of the C.S.I church for Architectural drawing.	I yr/ II sem
13.	27.03.2015	Akshaya Homes, Kelambakkam	For a case study of apartment design	III yr /VIsem
14.	19.08.2015	Maharishi International School, Sriperumbudur.	For a case study of school design	II yr/III sem
15.	21.08.2015	Titan School, Titan Township, Hosur.	For a case study of school design and Housing settlement	II yr/III sem



**45. List the teaching methods adopted by the faculty for different programmes.**

- Our faculty uses some of the modern teaching methodologies to improve the quality of the students. They include the use of LCD projector. Using PPT's the technical concepts were explained clearly.
- To enhance comprehension animated and simulation videos were shown to the students, so that they can easily understand the concepts.
- For theory courses without associated practical sessions actual components and circuit boards are taken to the class room for demonstration.

**46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?**

The achievement of department objectives and the learning outcomes are constantly monitored.

- The programme objectives are met through assessment tools which include four continuous assessment tests, assignment and one end semester examination.
- The progress report has been sent to parents for every unit test and model exam.
- The slip test has been conducted for the failure students and class committee meeting is also conducted for improving student's performance.

**47. Highlight the participation of students and faculty in extension activities.**

- Students are encouraged to participate in various extension activities by joining University level NSS programme, paper presentation, Sports and extra-curricular activities.
- Some of the faculty members take part in Social Service activities through NSS.
- Students and faculty have participated in NSS programmes organised in the Jallipalayam village near Thondamuthur by the University.

**48. Give details of "beyond syllabus scholarly activities" of the department.**

Frequent guest lectures are organised on various new developments in construction technology, material science, Architectural design approaches, etc.

**49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details.**

The 5 year undergraduate B.Arch. Programme conducted by the St. Peter's School of Architecture, St. Peter's Institute of Higher Education and Research (St. Peter's University) is approved by the Council of Architecture, Delhi, a statutory body governing the Architectural education in India formed by the Architects act 1972.

**50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

- Lectures and presentation on new technologies of pre-fabrication, sustainable building practices were organised for the students of the department.

**51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

**STRENGTH**

- A very supportive management readily willing to upgrade the school to achieve excellence
- Team of faculty from various facets of professional practice and teaching background.

**WEAKNESS**

- Need more tie-ups with practicing architectural firms for practical training and projects.

**OPPORTUNITY**

- Lot of infrastructure and construction projects of both Government and Private developments forge a bright opportunity for the budding architects

## **CHALLENGES**

- To compete with the new upcoming Schools of Architecture and Deemed Universities to become one among the leading best schools imparting similar architecture courses in Tamil Nadu.
- To create sensible, sensitive future architects who would become the flagship products of our Institute.

### **52. Future plans of the department.**

The school of Architecture is working towards providing a post-graduation programme on General Architecture and Sustainable Building practices in the near future.

**GLIMPSES OF DEPARTMENT ACTIVITIES**



Vimalathithan, Bharath & Diwakar Participated In Sand Sculpting Event Conducted By Tamil Nadu Government

Theme:  
HERITAGE BUILDING In India .  
Our Students Won 2<sup>nd</sup> Prize



Vimalathithan, Bharath & Diwakar Participated In Sand Sculpting Event Conducted By RVS Padmavathy School Of Architecture

Theme:  
TURTLES & SEASHORE  
Our Students Won 2<sup>nd</sup> Prize



Vimalathithan, Bharath & Diwakar won 1<sup>st</sup> price in short film competition conducted by Hindustan University .

Theme : CHILD LABOUR.



Vimalathithan & Diwakar won 2<sup>nd</sup> price in face painting competition conducted by Hindustan University.

Theme : ABSTRACT



Active Participation By Students in creating awareness regarding the importance of education in the Jallipalayam village near Thondamuthur on 26<sup>th</sup> January 2015.



Guest Lecture by Prof.Ramachandramurthy, the then Vice Chancellor, St. Peter's University.

Theme:  
PRE-FAB STRUCTURES.



Guest Lecture by Prof.Ar. Daniel Brown, Professor in Architecture of School of Architecture, Victoria University of Wellington, New Zealand.

Theme:  
POETICS IN ARCHITECTURE





Guest Lecture by Prof.Ar. Daniel Brown, Professor in Architecture of School of Architecture, Victoria University of Wellington, New Zealand.

Theme:  
POETICS IN ARCHITECTURE



Students actively participated in the Architectural exhibition conducted by MEASI academy of Architecture, Chennai.

Theme:  
SUSTAINABILITY AND ENVIRONMENTAL DESIGN.



Case study visit to Titan Township at Hosur for understanding the spatial planning of a Housing settlement and nuances involved in the planning process.



Students actively participated in the Sketching workshop conducted by the MEASI Academy of Architecture, Chennai.



Case study visit to the School at Titan Township at Hosur for understanding the spatial planning nuances involved in the planning process of a School.



Inauguration of St. Peter's Society of Architects

