



Anand Nagar, Krishnankoil - 626126, Srivilliputtur (via), Virudhunagar District, Tamilnadu.

## APPLICATION FOR ADMISSION TO Ph.D. PROGRAMMES

Date of Application:08-06-2021

Department	ARCHITECTURE	Application No.	202110050
Area of Research	SUSTAINABLE HOUSING	Research Mode	FULL TIME

Name :VIMAL ATHITHAN M

Date of Birth / Age :08-07-1996 / 25 Years

Gender :MALE

Category :BC

e-Mail ID :vimal.athithan78@gmail.com

Mobile :8220086778



*Vimal Athithan M*

Father's/Husband's Name	MANOHARAM ADITHYAN	Father's/Husband's Occupation	REPORTER
Family Income	500000	Residential Type	URBAN
Birth Place	TIRCHY	Mother Tongue	TAMIL
Religion	HINDU	Martial Status	SINGLE
Aadhaar No.	850309224966	PAN No.	NIL
Physically Challenged	NO	Type of Disability	-
Address for Communication: 3 PUTHIYAVAR NAGAR COIMBATORE COIMBATORE DISTRICT TAMIL NADU INDIA Pin-641044		Permenant Address: 3 PUTHIYAVAR NAGAR COIMBATORE COIMBATORE DISTRICT TAMIL NADU INDIA Pin-641044	

Qualification						
Degree	Discipline	College/university	Year Passed	AVG/CGPA	Class	Mode
B.ARCH	ARCHITECTURE	RANGANATHAN ARCHITECTURAL COLLEGE	2018	7.06	FIRST CLASS	REGULAR
M.ARCH	ARCHITECTURE	KARPAGAM ACADEMY OF HIGHER EDUCATION	2021	8	FIRST CLASS	REGULAR

Experience				
Organization	Designation	Experience From	Experience TO	Work Nature
PURISM ARCHITECTS	JUNIOR ARCHITECT	2018-11-01	2019-10-05	DESIGNING, PLANNING, 3D VISUALIZATION, SITE MANAGEMENT, FINANCE MANAGEMENT.

ADITHYA ARCHITECTS	PRINCIPAL ARCHITECT	2019-10-14	2020-12-30	DESIGNING, PLANNING, 3D VISUALIZATION, SITE MANAGEMENT, FINANCE MANAGEMENT.
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Payment Details				
Transaction ID	Reference	Date of transaction	Amount	Status
202110050_210608221425	VHMP0026415757	08-06-2021	600	SUCCESS

# ANALYSIS OF HOUSING TYPOLOGY

## **Analysing houses constructed with composite material, for EWS community people constructed in a rehabilitated dump yard.**

### INTRODUCTION

The proposal is to research the suitable Housing Typology for the EWS community and the migrants working in the Vellalore dump yard, where housing is a part of the urban development. The Design implementation over the dump yard is a decade of the development process, where the design takes place after the rehabilitation of the landfills. The rehabilitation process starts from the clearing of landfills which is carried out by composite material production which enhances the reduction of plastic waste and can be used as a raw material along with the unfertile soil in the landfills. Based on the age of plastics they can be segregated and used in many ways.

The major part of the architectural design will be the housing and its typology, and the area that is going to be provided inside the urban development programme. Each housing module will be analysed according to the shape, spatial organisation, orientation, climatical aspects, materials, Window to Wall ratio (WWR), lighting, ventilation, shading analysis, thermal comfort etc. To prove the best house module from multiple strategies, options, and aspects. The best housing layout can be enhanced as the housing layout for the whole area and can be organized in various forms to provide row house, apartments etc. where these layouts can also be evaluated and proved accordingly. So based on the results, the housing layout will be designed with various housing typologies according to the site analysis.

Later, the composite material can be converted into essential building materials and can be used for the urban development program, which will clear the landfills initially and creates a vast area for development. The design starts from the implementation of the industrial area which is separated into 2 industrial zones with different work schedules, along with a research institute to monitor the entire industrial zone, as the industry is based on plastic. The next will be Constructing Apartments, Rowhouses, and individual dwelling to accommodate the workers and officials inside the industrial zone. To the development of education, a higher secondary school will be provided and to keep track of the community. a government building compound is provided, with a primary health care centre and also a commercial zone.

### OBJECTIVE

- Analysing the housing typology modules made up of composite material.
- Rehabilitation possibilities of dump yard and risk mitigation of dump yard clearance.
- Providing urban development scheme in a dump yard by clearing the landfills.
- Designing a sustainable urban settlement for the EWS community and migrants working in the industrial zone.
- Integrating various renewable sources of energy for instituting self-sufficiency for the considered area.

## LITERATURE REVIEW

A literature study has been performed according to the necessity of the proposal; the various scope of the project has been incorporated as one to get a wide scope of knowledge through the literature study.

### Material study

- <https://civense.ub.ac.id/index.php/civense/article/view/83/51>
- <http://repository.psa.edu.my/bitstream/123456789/1923/1/PETE%20Eco%20Brick.pdf>
- [https://d1wqtzxts1xzle7.cloudfront.net/61274349/feasibility-study-on-plastic-soil-brick-as-a-IJERTV8IS11004220191119-123717-psfik3.pdf?1574234617=&response-content-disposition=inline%3B+filename%3DIJERT\\_Feasibility\\_Study\\_on\\_Plastic\\_Soil.pdf&Expires=1622802451&Signature=H3EvRCInEth4tRNe8h~xsauowhYyUIVQPvcLtQgrtXj6LPiPcfE4Wpiqnoho4~xZUX8-aPPP3k~59Z5WehYTnqCZXWrIHzIB1TJkRd5U6pvKJxa~1hh2TRPyqVp8AcnHTKI0RCbN7TRJhg6FEYg3YQFdGarg1FODCwnaO0xifFSSkp3E3Wqxm3G2IpXmLstW20F-RtNLXDz4MC8v1Ybm6IWqU5cWbgSqJVXctmXxf45FX5eWxl3-kwRMqnuY0E0mxy2-6lncLV~5AJfZmzujg9QU8U6trtPMI7mURInFUI0N5mZ36WYi3mlncCEwvzhHrS15Yg2WQqzZLQiMaMpMA\\_&Key-Pair-Id=APKAJLOHF5GGSLRBV4ZA](https://d1wqtzxts1xzle7.cloudfront.net/61274349/feasibility-study-on-plastic-soil-brick-as-a-IJERTV8IS11004220191119-123717-psfik3.pdf?1574234617=&response-content-disposition=inline%3B+filename%3DIJERT_Feasibility_Study_on_Plastic_Soil.pdf&Expires=1622802451&Signature=H3EvRCInEth4tRNe8h~xsauowhYyUIVQPvcLtQgrtXj6LPiPcfE4Wpiqnoho4~xZUX8-aPPP3k~59Z5WehYTnqCZXWrIHzIB1TJkRd5U6pvKJxa~1hh2TRPyqVp8AcnHTKI0RCbN7TRJhg6FEYg3YQFdGarg1FODCwnaO0xifFSSkp3E3Wqxm3G2IpXmLstW20F-RtNLXDz4MC8v1Ybm6IWqU5cWbgSqJVXctmXxf45FX5eWxl3-kwRMqnuY0E0mxy2-6lncLV~5AJfZmzujg9QU8U6trtPMI7mURInFUI0N5mZ36WYi3mlncCEwvzhHrS15Yg2WQqzZLQiMaMpMA_&Key-Pair-Id=APKAJLOHF5GGSLRBV4ZA)
- <http://www.bonfajournals.com/ijmce/papers/2019/Mar19/IJMCEmar05.pdf>
- [https://d1wqtzxts1xzle7.cloudfront.net/36114329/IJIRSTV117113.pdf?1420109838=&response-content-disposition=inline%3B+filename%3DComparison\\_of\\_Brick\\_made\\_from\\_Black\\_Cott.pdf&Expires=1622802559&Signature=YGTDR2Piv0-IL~mMgs7OekYBiLfg9W6Xr1HcaNX2Xh0VwOH5~sdAWny9VrcfMaR-Y-hpIVuh5sPuzE6ZKA9b3rYY9~nlf29FDpIdnSAHz1H26G2adFJK9eOT2~g2a3SyaMxO6-hOeZgaRGiMwBPqLdeX-I6evHhdiGb-R2Q37RN6YBbh6li7jWPCyHG43uTO5DP~PqgsaEEiyJ-DyzVVbYmJztCZGRNlfdCgBXL3ZUJ0ojL9MsDkY1RkA47SgEMRov1UBQuv~2oe3D3HB9Fp5twwrfEV50FGSACVIjpESML3gHtWnNnq~WUfeyjHScFaa6B5pTXCBmL~fujlONaqRQ\\_&Key-Pair-Id=APKAJLOHF5GGSLRBV4ZA](https://d1wqtzxts1xzle7.cloudfront.net/36114329/IJIRSTV117113.pdf?1420109838=&response-content-disposition=inline%3B+filename%3DComparison_of_Brick_made_from_Black_Cott.pdf&Expires=1622802559&Signature=YGTDR2Piv0-IL~mMgs7OekYBiLfg9W6Xr1HcaNX2Xh0VwOH5~sdAWny9VrcfMaR-Y-hpIVuh5sPuzE6ZKA9b3rYY9~nlf29FDpIdnSAHz1H26G2adFJK9eOT2~g2a3SyaMxO6-hOeZgaRGiMwBPqLdeX-I6evHhdiGb-R2Q37RN6YBbh6li7jWPCyHG43uTO5DP~PqgsaEEiyJ-DyzVVbYmJztCZGRNlfdCgBXL3ZUJ0ojL9MsDkY1RkA47SgEMRov1UBQuv~2oe3D3HB9Fp5twwrfEV50FGSACVIjpESML3gHtWnNnq~WUfeyjHScFaa6B5pTXCBmL~fujlONaqRQ_&Key-Pair-Id=APKAJLOHF5GGSLRBV4ZA)

### Vellalore dump yard MSW and studies

- [https://www.researchgate.net/profile/Prem-Sudha/publication/315492245\\_ANALYSIS\\_OF\\_PHYSICO\\_CHEMICAL\\_CHARACTERISTICS\\_OF\\_SOIL\\_AND\\_SQI\\_AROUND\\_MUNICIPAL\\_SOLIDWASTE\\_DUMPYARD\\_IN\\_VELLALORE-COIMBATORE-TAMILNADU\\_INDIA/links/58d25c37aca2720cd05ff83b/ANALYSIS-OF-PHYSICO-CHEMICAL-CHARACTERISTICS-OF-SOIL-AND-SQI-AROUND-MUNICIPAL-SOLIDWASTE-DUMPYARD-IN-VELLALORE-COIMBATORE-TAMILNADU-INDIA.pdf](https://www.researchgate.net/profile/Prem-Sudha/publication/315492245_ANALYSIS_OF_PHYSICO_CHEMICAL_CHARACTERISTICS_OF_SOIL_AND_SQI_AROUND_MUNICIPAL_SOLIDWASTE_DUMPYARD_IN_VELLALORE-COIMBATORE-TAMILNADU_INDIA/links/58d25c37aca2720cd05ff83b/ANALYSIS-OF-PHYSICO-CHEMICAL-CHARACTERISTICS-OF-SOIL-AND-SQI-AROUND-MUNICIPAL-SOLIDWASTE-DUMPYARD-IN-VELLALORE-COIMBATORE-TAMILNADU-INDIA.pdf)
- <https://www.nepjol.info/index.php/IJE/article/view/10530>
- <https://media.proquest.com/media/hms/PFT/1/qcbM7?s=4ggOa8mOwug1HnJS1oSa1fft18%3D>
- <https://pjbt.org/index.php/pjbt/article/view/438/423>
- [https://d1wqtzxts1xzle7.cloudfront.net/55040578/IJCIET\\_08\\_10\\_046.pdf?1510999062=&response-content-disposition=inline%3B+filename%3DIMPACT\\_ANALYSIS\\_OF\\_LEACHATE\\_CHARACTERIST.pdf&Expires=1622804060&Signature=GUZUhGVLwQQw92yoIaZNR0nLesf2GoEXesTeUki024brU1ZshZoDz~BFQo1MaWtS-CQeXGk5LQ~d7lNek~QjnzT4pWkMv76wqPewwGqxx~tjN1b1CM5WIEiv3hGPYUbgNKOqVqJeUPjLZDht4l-wFu1Md615ywoPHUWZxYHD1vYJkluiRxEb8hn1pOL9r7mYfpsKw5ziv07XHdykXD9L0aLuLDB9vDB5L3iP-6u3VyJx3lde8jKhnuFPpZzlgB3nSlmqLRe5skgc~h6qNNN8XvV9JQHlvguXvqbd9PLz0acGsn0e6BSgmw-QC3S4JeH9~IW0Khs7nixZrZbR33P3Hg\\_&Key-Pair-Id=APKAJLOHF5GGSLRBV4ZA](https://d1wqtzxts1xzle7.cloudfront.net/55040578/IJCIET_08_10_046.pdf?1510999062=&response-content-disposition=inline%3B+filename%3DIMPACT_ANALYSIS_OF_LEACHATE_CHARACTERIST.pdf&Expires=1622804060&Signature=GUZUhGVLwQQw92yoIaZNR0nLesf2GoEXesTeUki024brU1ZshZoDz~BFQo1MaWtS-CQeXGk5LQ~d7lNek~QjnzT4pWkMv76wqPewwGqxx~tjN1b1CM5WIEiv3hGPYUbgNKOqVqJeUPjLZDht4l-wFu1Md615ywoPHUWZxYHD1vYJkluiRxEb8hn1pOL9r7mYfpsKw5ziv07XHdykXD9L0aLuLDB9vDB5L3iP-6u3VyJx3lde8jKhnuFPpZzlgB3nSlmqLRe5skgc~h6qNNN8XvV9JQHlvguXvqbd9PLz0acGsn0e6BSgmw-QC3S4JeH9~IW0Khs7nixZrZbR33P3Hg_&Key-Pair-Id=APKAJLOHF5GGSLRBV4ZA)

## Leachate treatment

- [Microsoft Word - 702 \(ifas-hamburg.com\)](https://ifas-hamburg.com)

## Building Simulation

- ASHRAE journal plus.
- Energy Simulation Software for Buildings: Review and Comparison.
- [conferenceseries.iop.org materials science and engineering open access proceedings IOP Conferences Series: Materials Science and Engineering](https://conferenceseries.iop.org/materials-science-and-engineering-open-access-proceedings-iop-conferences-series-materials-science-and-engineering)
- [Open Access proceedings Journal of Physics: Conference series \(iop.org\)](https://openaccessproceedingsjournalofphysics.conference-series.iop.org)
- [13 \(cuminCAD.org\)](https://cuminCAD.org)

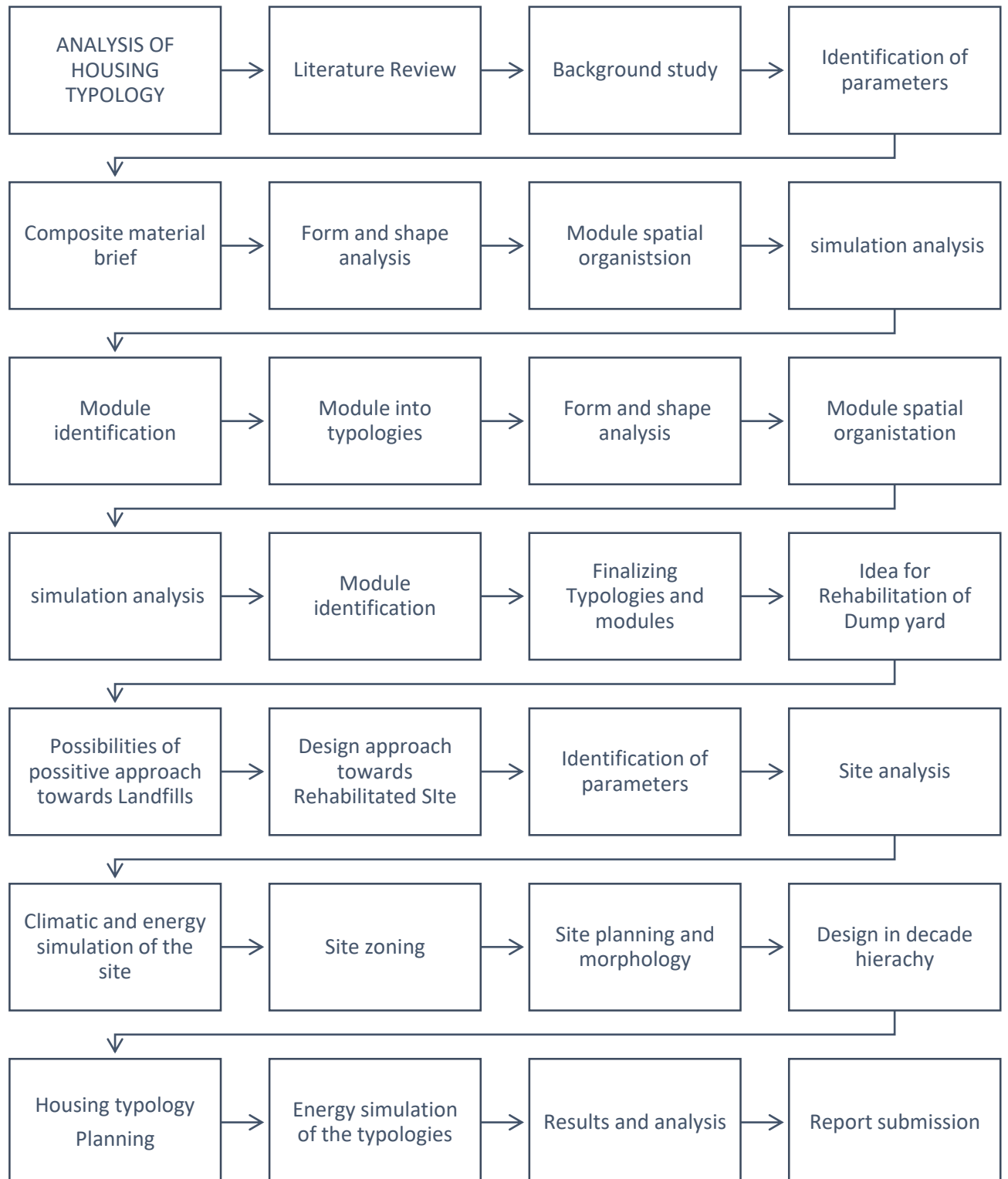
## Urban planning and Morphology

- [Official Website of Chandigarh Administration](https://chandigarh.gov.in) (Chandigarh 2031 master plan)
- [Noida Master Plan 2031, 2021 - Map, Summary & Free Download! \(assetyogi.com\)](https://assetyogi.com) (Noida 2031 master plan)
- [Kevin lynch \(slideshare.net\)](https://slideshare.net)
- Rehabilitating a landfill site of lowland tropical landscape into an urban green space: A case study from the Open University of Sri Lanka  
([Rehabilitating a landfill site of lowland tropical landscape into an urban green space: A case study from the Open University of Sri Lanka | Elsevier Enhanced Reader](https://www.sciencedirect.com/science/article/pii/S0924646018300011))
- [Landfills as Anthropogenic Landforms in Urban Environment from Neamț County. by Florin Mihai, Liviu Apostol, Adrian Ursu, Pavel Ichim :: SSRN](https://www.scribd.com/document/444444444)

## Renewable energy implementation and sustainable strategies

- Hammarby theory [FULLTEXT01.pdf \(diva-portal.org\)](https://diva-portal.org/fulltext/01)
- <https://www.mdpi.com/2071-1050/12/7/2669/html>
- [The case of Hammarby Sjöstad was presented by DH and PAM \(d1wqtxts1xzle7.cloudfront.net\)](https://d1wqtxts1xzle7.cloudfront.net)
- [09\\_02\\_su\\_royall\\_emily\\_paper\\_ml.pdf \(d1wqtxts1xzle7.cloudfront.net\)](https://d1wqtxts1xzle7.cloudfront.net)
- [Sustainability | Free Full-Text | The Role of Renewable Energy in the Promotion of Circular Urban Metabolism \(mdpi.com\)](https://www.mdpi.com/2071-1050/12/7/2669/html)

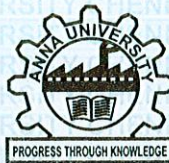
## METHODOLOGY





# ANNA UNIVERSITY

CHENNAI - 600 025



## PROVISIONAL CERTIFICATE

COA No.: COA-050145

Folio No.: AUQ1341216

This is to certify that the following candidate has qualified for the award of Degree as detailed below:

Name : VIMAL ATHITHAN M

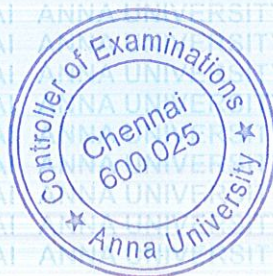
Registration Number : 713013251077

Degree : B.Arch.

Branch/Specialization : ---

Month and Year of Passing: April 2019

Classification : FIRST CLASS



Chennai - 600 025.

Date : 31/08/2019

V111846770964M

  
Controller of Examinations i/c





# ANNA UNIVERSITY, CHENNAI - 600 025

B.Arch. DEGREE EXAMINATIONS

Folio No. AUQ1341216

CONSOLIDATED STATEMENT OF GRADES

V111846770964M



COA No.: COA-050145

NAME OF THE CANDIDATE		VIMAL ATHITHAN M					REGISTER NO.		713013251077		REGULATIONS		2013	
COLLEGE OF STUDY		RANGANATHAN ARCHITECTURE COLLEGE					GENDER		MALE		DATE OF BIRTH		08-JUL-96	
PROGRAMME & BRANCH		B.Arch.					MONTH & YEAR OF LAST APPEARANCE		April 2019		MEDIUM OF INSTRUCTION		English	
SEM	COURSE CODE	COURSE TITLE	C	LG	GP	MONTH & YEAR OF PASSING	SEM	COURSE CODE	COURSE TITLE	C	LG	GP	MONTH & YEAR OF PASSING	
01	AR6101	History of Architecture and Culture - I	3	E	5	JAN 2014	06	AR6007	Vernacular Architecture	3	D	6	APR 2016	
01	AR6102	Theory of Architecture - I	3	D	6	JAN 2014	06	AR6611	Building Services - III	3	B	8	APR 2016	
01	AR6103	Building Materials - I	3	C	7	JAN 2014	06	AR6612	Architectural Design Development	3	C	7	APR 2016	
01	MA6153	Mathematics	3	E	5	APR 2019	06	AR6613	Architectural Design - V	7	C	7	NOV 2016	
01	AR6111	Architectural Drawing - I	3	C	7	JAN 2014	07	AR6781	Practical Training - I	10	B	8	NOV 2016	
01	AR6112	Art Studio	3	S	10	JAN 2014	08	AR6881	Practical Training - II	10	A	9	APR 2017	
01	AR6113	Basic Design	6	A	9	JAN 2014	09	AR6901	Specifications and Estimation	3	D	6	NOV 2017	
02	AR6201	Mechanics of Structures - I	3	E	5	APR 2017	09	AR6902	Human Settlements Planning	3	B	8	NOV 2017	
02	AR6202	History of Architecture and Culture - II	3	B	8	APR 2014	09	AR6903	Professional Practice and Ethics	3	C	7	NOV 2017	
02	AR6203	Theory of Architecture - II	3	D	6	APR 2014	09	AR6013	Construction Technology	3	E	5	NOV 2017	
02	AR6204	Building Materials - II	3	E	5	APR 2014	09	AR6015	Sustainable Planning and Architecture	3	D	6	NOV 2017	
02	AR6211	Building Construction - I	3	C	7	APR 2014	09	AR6911	Urban Design	3	C	7	NOV 2017	
02	AR6212	Architectural Drawing - II	3	C	7	APR 2014	09	AR6912	Architectural Design - VI	8	B	8	NOV 2017	
02	AR6213	Architectural Design - I	6	B	8	APR 2014	10	AR6017	Urban Housing	3	E	5	APR 2018	
03	AR6301	Mechanics of Structures - II	3	E	5	NOV 2018	10	AR6081	Thesis	17	A	9	APR 2018	
03	AR6302	History of Architecture and Culture - III	3	E	5	NOV 2014								
03	AR6303	Climate and Built Environment	3	B	8	NOV 2014								
03	AR6304	Building Materials - III	3	E	5	NOV 2014								
03	AR6311	Computer Aided Visualisation	3	B	8	NOV 2014								
03	AR6312	Building Construction - II	3	E	5	NOV 2014								
03	AR6313	Architectural Design - II	7	C	7	NOV 2014								
04	AR6401	Design of Structures - I	3	E	5	NOV 2015								
04	AR6402	History of Architecture and Culture - IV	3	E	5	APR 2015								
04	AR6403	Environmental Science	3	C	7	APR 2015								
04	AR6404	Building Materials - IV	3	E	5	APR 2015								
04	AR6411	Building Services - I	3	B	8	APR 2015								
04	AR6412	Building Construction - III	3	C	7	APR 2015								
04	AR6413	Architectural Design - III	7	B	8	APR 2015								
05	AR6501	Design of Structures - II	3	E	5	NOV 2016								
05	AR6502	History of Architecture and Culture - V	3	D	6	NOV 2015								
05	AR6002	Energy Efficient Architecture	3	B	8	NOV 2015								
05	AR6511	Building Services - II	3	B	8	NOV 2015								
05	AR6512	Site Analysis and Planning	3	C	7	NOV 2015								
05	AR6513	Building Construction - IV	3	B	8	NOV 2015								
05	AR6514	Architectural Design - IV	7	D	6	NOV 2015								
06	AR6601	Design of Structures - III	3	E	5	NOV 2016								
06	AR6602	History of Architecture and Culture - VI	3	E	5	APR 2016								
06	AR6005	Interior Design	3	C	7	APR 2016								

\*\*\* End of Statement \*\*\*

Cumulative Grade Point Average : 7.06

Classification : FIRST CLASS



SEM - Semester, C - Credits, LG - Letter Grade, GP - Grade Point

Range of Marks	91 - 100	81 - 90	71 - 80	61 - 70	57 - 60	50 - 56	< 50
Letter Grade	S	A	B	C	D	E	U
Grade Point	10	9	8	7	6	5	0

$$CGPA = \frac{\sum_{i=1}^n C_i GP_i}{\sum_{i=1}^n C_i} \text{ where } C_i \text{ is the credits assigned to the course}$$

GP<sub>i</sub> - is the point corresponding to the grade obtained for each course  
n - is number of all courses successfully cleared during all the semesters

Chennai - 600 025.

Date : 31/08/2019

SIGNATURE OF THE STUDENT



*(Signature)*

CONTROLLER OF EXAMINATIONS i/c



## KARPAGAM ACADEMY OF HIGHER EDUCATION

(Deemed to be University)

(Established Under Section 3 of UGC Act, 1956)

Pollachi Main Road, Eachanari Post, Coimbatore - 641021, Tamilnadu, India.

Phone : 0422-2980011-14,6471113,14 | Fax : 0422-2980022-23 | Email :

info@karpagam.com

Name : VIMAL ATHITHAN M :  
 Programme : M.Arch Reg No : 19RMAR005  
 Branch : ADVANCE DESIGN Month & Year of Exam : September 2020

Sem No	Course Code	Course Title	Credit	Letter Grade	Result
2	19MARESS2	Building Performance Analysis	4	A+	PASS
2	19MARESS3	Sustainable Design Strategies	4	A	PASS
2	19MARS211	Research Methodology II	2	A+	PASS
2	19MARS212	Documentation and Presentation	2	A+	PASS
2	19MARS213	Advanced Design Studio II	7	A+	PASS

Disclaimer : Candidates are requested to verify the original marksheet for correctness.

## KARPAGAM ACADEMY OF HIGHER EDUCATION

(Deemed to be University)

(Established Under Section 3 of UGC Act, 1956)

Pollachi Main Road, Eachanari Post, Coimbatore - 641021, Tamilnadu, India.

Phone : 0422-2980011-14,6471113,14 | Fax : 0422-2980022-23 | Email :

info@karpagam.com

Name : VIMAL ATHITHAN M :  
 Programme : M.Arch Reg No : 19RMAR005  
 Branch : ADVANCE DESIGN Month & Year of Exam : December 2020

Sem No	Course Code	Course Title	Credit	Letter Grade	Result
3	19MARESS4	Sustainable Building Systems	4	A+	PASS
3	19MARESS5	Sustainable Trends and Theories	4	A+	PASS
3	19MARS311	Dissertation I	7	O	PASS

Disclaimer : Candidates are requested to verify the original marksheet for correctness.





# ANNA UNIVERSITY, CHENNAI - 600 025

B.Arch. DEGREE EXAMINATIONS


Folio No. AUQ1341216

CONSOLIDATED STATEMENT OF GRADES

V111846770964M



COA No.: COA-050145

NAME OF THE CANDIDATE		VIMAL ATHITHAN M					REGISTER NO.		713013251077		REGULATIONS		2013	
COLLEGE OF STUDY		RANGANATHAN ARCHITECTURE COLLEGE					GENDER		MALE		DATE OF BIRTH		08-JUL-96	
PROGRAMME & BRANCH		B.Arch.					MONTH & YEAR OF LAST APPEARANCE		April 2019		MEDIUM OF INSTRUCTION		English	
SEM	COURSE CODE	COURSE TITLE	C	LG	GP	MONTH & YEAR OF PASSING	SEM	COURSE CODE	COURSE TITLE	C	LG	GP	MONTH & YEAR OF PASSING	
01	AR6101	History of Architecture and Culture - I	3	E	5	JAN 2014	06	AR6007	Vernacular Architecture	3	D	6	APR 2016	
01	AR6102	Theory of Architecture - I	3	D	6	JAN 2014	06	AR6611	Building Services - III	3	B	8	APR 2016	
01	AR6103	Building Materials - I	3	C	7	JAN 2014	06	AR6612	Architectural Design Development	3	C	7	APR 2016	
01	MA6153	Mathematics	3	E	5	APR 2019	06	AR6613	Architectural Design - V	7	C	7	NOV 2016	
01	AR6111	Architectural Drawing - I	3	C	7	JAN 2014	07	AR6781	Practical Training - I	10	B	8	NOV 2016	
01	AR6112	Art Studio	3	S	10	JAN 2014	08	AR6881	Practical Training - II	10	A	9	APR 2017	
01	AR6113	Basic Design	6	A	9	JAN 2014	09	AR6901	Specifications and Estimation	3	D	6	NOV 2017	
02	AR6201	Mechanics of Structures - I	3	E	5	APR 2017	09	AR6902	Human Settlements Planning	3	B	8	NOV 2017	
02	AR6202	History of Architecture and Culture - II	3	B	8	APR 2014	09	AR6903	Professional Practice and Ethics	3	C	7	NOV 2017	
02	AR6203	Theory of Architecture - II	3	D	6	APR 2014	09	AR6013	Construction Technology	3	E	5	NOV 2017	
02	AR6204	Building Materials - II	3	E	5	APR 2014	09	AR6015	Sustainable Planning and Architecture	3	D	6	NOV 2017	
02	AR6211	Building Construction - I	3	C	7	APR 2014	09	AR6911	Urban Design	3	C	7	NOV 2017	
02	AR6212	Architectural Drawing - II	3	C	7	APR 2014	09	AR6912	Architectural Design - VI	8	B	8	NOV 2017	
02	AR6213	Architectural Design - I	6	B	8	APR 2014	10	AR6017	Urban Housing	3	E	5	APR 2018	
03	AR6301	Mechanics of Structures - II	3	E	5	NOV 2018	10	AR6081	Thesis	17	A	9	APR 2018	
03	AR6302	History of Architecture and Culture - III	3	E	5	NOV 2014	<div>*** End of Statement ***</div> <div>Cumulative Grade Point Average : 7.06</div> <div>Classification : FIRST CLASS</div> <div></div>							
03	AR6303	Climate and Built Environment	3	B	8	NOV 2014								
03	AR6304	Building Materials - III	3	E	5	NOV 2014								
03	AR6311	Computer Aided Visualisation	3	B	8	NOV 2014								
03	AR6312	Building Construction - II	3	E	5	NOV 2014								
03	AR6313	Architectural Design - II	7	C	7	NOV 2014								
04	AR6401	Design of Structures - I	3	E	5	NOV 2015								
04	AR6402	History of Architecture and Culture - IV	3	E	5	APR 2015								
04	AR6403	Environmental Science	3	C	7	APR 2015								
04	AR6404	Building Materials - IV	3	E	5	APR 2015								
04	AR6411	Building Services - I	3	B	8	APR 2015								
04	AR6412	Building Construction - III	3	C	7	APR 2015								
04	AR6413	Architectural Design - III	7	B	8	APR 2015								
05	AR6501	Design of Structures - II	3	E	5	NOV 2016								
05	AR6502	History of Architecture and Culture - V	3	D	6	NOV 2015								
05	AR6002	Energy Efficient Architecture	3	B	8	NOV 2015								
05	AR6511	Building Services - II	3	B	8	NOV 2015								
05	AR6512	Site Analysis and Planning	3	C	7	NOV 2015								
05	AR6513	Building Construction - IV	3	B	8	NOV 2015								
05	AR6514	Architectural Design - IV	7	D	6	NOV 2015								
06	AR6601	Design of Structures - III	3	E	5	NOV 2016								
06	AR6602	History of Architecture and Culture - VI	3	E	5	APR 2016								
06	AR6005	Interior Design	3	C	7	APR 2016								

SEM - Semester, C - Credits, LG - Letter Grade, GP - Grade Point

Range of Marks	91 - 100	81 - 90	71 - 80	61 - 70	57 - 60	50 - 56	< 50
Letter Grade	S	A	B	C	D	E	U
Grade Point	10	9	8	7	6	5	0

$$CGPA = \frac{\sum_{i=1}^n C_i GP_i}{\sum_{i=1}^n C_i} \text{ where } C_i \text{ is the credits assigned to the course}$$

$GP_i$  - is the point corresponding to the grade obtained for each course  
 $n$  - is number of all courses successfully cleared during all the semesters

Chennai - 600 025.

Date : 31/08/2019

SIGNATURE OF THE STUDENT



*(Signature)*

CONTROLLER OF EXAMINATIONS i/c



## KARPAGAM ACADEMY OF HIGHER EDUCATION

(Deemed to be University)

(Established Under Section 3 of UGC Act, 1956)

Pollachi Main Road, Eachanari Post, Coimbatore - 641021, Tamilnadu, India.

Phone : 0422-2980011-14,6471113,14 | Fax : 0422-2980022-23 | Email :

Name : VIMAL ATHITHAN M info@karpagam.com :  
 Programme : M.Arch Reg No : 19RMAR005  
 Branch : ADVANCE DESIGN Month & Year of Exam : September 2020

Sem No	Course Code	Course Title	Credit	Letter Grade	Result
2	19MARESS2	Building Performance Analysis	4	A+	PASS
2	19MARESS3	Sustainable Design Strategies	4	A	PASS
2	19MARS211	Research Methodology II	2	A+	PASS
2	19MARS212	Documentation and Presentation	2	A+	PASS
2	19MARS213	Advanced Design Studio II	7	A+	PASS

Disclaimer : Candidates are requested to verify the original marksheet for correctness.

## KARPAGAM ACADEMY OF HIGHER EDUCATION

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Phone : 0422-2980011-14,6471113,14 | Fax : 0422-2980022-23 | Email :

Name : VIMAL ATHITHAN M info@karpagam.com :  
 Programme : M.Arch Reg No : 19RMAR005  
 Branch : ADVANCE DESIGN Month & Year of Exam : December 2020

Sem No	Course Code	Course Title	Credit	Letter Grade	Result
3	19MARESS4	Sustainable Building Systems	4	A+	PASS
3	19MARESS5	Sustainable Trends and Theories	4	A+	PASS
3	19MARS311	Dissertation I	7	O	PASS

Disclaimer : Candidates are requested to verify the original marksheet for correctness.



A.MOHAN RAJ B.Arch,  
Principal Architect

**PURISM ARCHITECTES**  
ARCHITECTS & INTERIOR DESIGNERS

11, Opp. Om Sakthi Temple,  
Vishvanathapuram, Rathinapuri,  
Coimbatore - 641 0276  
Mobile: 8248741542  
email: purismarchitectes@gmail.com

Coimbatore,  
10.10.2019.

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that **M.VIMAL ATHITHAN** (CA/2019/114116 ) was working in our firm as **Junior Architect** from November 1<sup>st</sup>, 2018 to October 5<sup>th</sup>, 2019.

During this period, his services were found to be satisfactory in carrying out the job duties.

His work responsibilities were to:

- 1) Assist in the development of design details construction documents
- 2) Coordinate drawings with drawings of other disciplines.
- 3) Coordinate specifications with drawings to meet project requirements.
- 4) Participate in construction administration including responding to RFIS preparing sketches and addendums visiting the construction site to gather information
- 5) Prepare presentation drawings and otherwise assist in presentations both internally externally
- 6) Research information and create graphics for inclusion in marketing proposals materials

We wish him good luck in his every endeavor.

Ar A MOHANRAJ, B.Arch.,  
COA.REGD No: CA/2010/47597  
Mohanraj.A.B.Arch,  
(Principal Architect)  
For PURISM ARCHITECTES  
Architects & Interior Designers



आयकर विभाग

INCOME TAX DEPARTMENT

VIMALATHITHAN

MANOHARRAMADITYAN

08/07/1996

Permanent Account Number

AVLPV3653L

*M. Vimalathithan*

Signature



भारत सरकार

GOVT. OF INDIA



28072014

*M. Vimalathithan*

India Driving License (Tamil Nadu)



TN66 2014 0010095

Date of Issue

Validity

06-11-2014

© 05-11-2034

Issuing  
Authority

ADIA

Date of Birth

Blood Group

08-07-1996

O+



Name

VIMAL ATHITHAN.M

Father's Name

MANOHAR RAM ATHITHAN





R Dis.....198 /2007

GCP-26-2-6,00,000 Cps-20-06-2006 [P4-13]

Dated.....200

BC



சான்றிதழ் எண் :

Certificate No 3002/

2007

7762411

மாவட்டக் குறியீடு எண் :

District Code

19

வட்டக் குறியீடு எண் :

Taluk Code

03

கிராமக் குறியீடு எண் :

Village Code

042

சாதிச் சான்றிதழ்

COMMUNITY CERTIFICATE

தூத்துக்குடி.....மாவட்டம்.....திருச்செந்தூர்.....வருவாய் கோட்டம்  
 திருச்செந்தூர்.....வட்டம்.....கீழ்திருச்செந்தூர்.....கிராமம்/நகரம்,  
 திரு. திருமதி. மணோகாரம் அகத்திதன்.....மனைவி/மகன்/மகள்  
 விமல் அகத்திதன் / கிருதுநாடார் வகுப்பைச் சார்ந்தவர்.

அரசு ஆணை நிலை எண் 28, பிற்பட்ட மற்றும் மிகவும் பிற்பட்ட பிரிவின்  
 நலத் துறை, நாள் 19-7-1994 வரிசை எண் 8.2, படி பிற்பட்ட பிரிவினைச்  
 சார்ந்தவர் எனச் சான்றளிக்கப்படுகிறது.

This is to certify that.....Son / Daughter of  
 Thiru.....of.....  
 Village / Town.....Taluk.....Division  
 District of the State of Tamil Nadu belongs to  
 Community, which is recognised as a  
 Backward Class as per Government Order (Ms.) No. 28, Backward Classes  
 and Most Backward Classes Welfare, dated 19th July 1994  
 vide Serial No.....

2. திரு / திருமதி / செல்வன் / செல்வி.....விமல் அகத்திதன்  
 என்பவரும் அவருடைய குடும்பத்தினரும் தமிழ்நாட்டில் தூத்துக்குடி  
 மாவட்டத்தில் திருச்செந்தூர் வட்டத்தில் கீழ்திருச்செந்தூர்  
 கிராமத்தில் / நகரத்தில் வசித்து வருகிறார்கள் எனச் சான்றளிக்கப்படுகிறது.

2. It is certified that Thiru/Tmt./Selvan/Selvi.....and  
 his/her family ordinarily reside(s) at .....Village/Town  
 Taluk .....District of  
 Tamil Nadu

Seal

கையொப்பம்  
Signatureநாள்  
Dateபெயர் (தனி எழுத்துக்களில்)  
Name (in Capital Letters)பதவி  
Designationசு  
23-10-2007

(மா.செம்புள்ளி)  
 மண்டல ஜனாதிபதி  
 திருச்செந்தூர்.

08.06.2021  
Coimbatore

From,

M. Vimal Athithan,  
No, 3 Puthiyavar Nagar,  
Avarampalayam Road,  
New Sidhapudhur,  
Coimbatore – 641044.

To,

Dr. N. RAJINI  
Director (Research and Development),  
Kalasalingam Academy of Research and Education,  
Anand Nagar, Krishnankoil-626126,  
Tamil Nadu.

Dear Sir,

Sub: Requisition to accept the submitted certificates – reg

I bring to your kind notice that a technical error has been occurred while uploading the transfer certificate for my Full Time Ph.D application. Hence, I have uploaded the transfer certificate in the Annexure Section. Kindly accept my uploaded transfer certificate. Further, I wish to add that my UG degree certificate is with my institute where I am pursuing my M.Arch Final semester currently.

Thanking You

Yours truly  
Vimal Athithan







# RAC

## RANGANATHAN ARCHITECTURE COLLEGE

REC Kalvi Nagar, Thondamuthur, Coimbatore - 641 109. Tamilnadu.

Phone : +91 422 2619147, 100  
Web : www.raccbe.ac.in  
Email : raccbe2010@gmail.com

### TRANSFER CERTIFICATE

T.C.No. 2013 - 2018 - 77

Admission No. 2013 - 77

1. Name of the Student (IN BLOCK LETTERS) : VIMAL ATHITHAN M
2. Reg. No. : 713013251077
3. Name of the Parent / Guardian : MANOHAR RAM ADITHYAN K
4. Date of birth as entered in the admission register (both in figure & words) : 08/07/1996  
EIGHTH JULY NINETEEN NINETY SIX
5. (a) Nationality, Religion, Community : INDIAN, HINDU, NADAR  
(b) Whether OC / BC / MBC / SC / ST : BC
6. Sex : MALE
7. Course of study and branch : B. ARCH
8. Class in which the student was studying at the time of leaving : V YEAR
9. Whether the student has paid all the fees due to the college : YES
10. Date on which the student actually left the college : 11/05/2018
11. Reason for leaving : COURSE COMPLETED
12. Student's conduct and character : Satisfactory / Good / Very Good
13. Whether student is qualified for promotion to a higher class : Refer Mark Sheets
14. Date of application for transfer certificate : 25/09/2019
15. Date of the transfer certificate : 30/09/2019



College Seal

*G. Sankar*  
Signature of the Principal