



# PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE

(Approved by AICTE & Affiliated to Anna University, Chennai)

Madurai - Sivagangai Highway, Arasanoor, Thirumansolai Post, Sivagangai Dt. - 630 561, Tamilnadu

Mobile : 9842102628, 7373002628

Email: info@psyec.edu.in

Website : www.psyec.edu.in

City Office : 10, Pandian Saraswathi St, Sivagami Nagar, Narayanapuram, Madurai - 625 014. Telefax- 0452 2682338, Mobile : 98423-02628

## Academic year 2018-2019

**3.1 Grants received from Government and non-government agencies for research projects/endowments in the institution during the academic year 2018-2019 (INR in Lakhs) are listed below**

S.No	Name of the research project/ endowment	Name of the Principal Investigator/Co-investigator	Name of the Funding Agency	Amount Sanctioned
1.	Testing of Construction Materials and preparation of design and drawing for buildings	Mr.N.Naga Arjuna	KLK Government Contractor	3,50,000
	Total amount received from Grants			3,50,000 (Three Lakhs & Fifty Thousands only)



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To

Mr. K. Logamalaikannan

Class 1 - PWD Contractor

No.3 Kannan Complex, Melur Main Road,

Uthangudi, Madurai - 625107.

Dear Sir / Madam

Sub: Request for approval and support for funded project-reg

We are in civil engineering Department of PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE is functioning effectively from 2000. We are ready to do the funded project on "Testing of Construction Materials and preparation of design and drawing for buildings" in association with your concern. This project will go to work out by our faculty investigator Mr. N. Nagarjuna, Assistant Professor, Civil Engineering Department. It helps this is project to our faculty seem to be innovative and would be high social relevance. Kindly Accept the same.

Thanking you

  
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ENGINEERING COLLEGE  
Arasaneor, Thirumansolai P.O-630 561,  
Sivagangai Dist, Tamil Nadu





GST NO : 33ADVPL6196J1ZS

## LOGAMALAIKANNAN GOVERNMENT CONTRACTOR

To

Mr. N. Naga Arjuna, M.E,  
Assistant Professor / Civil,  
Department of Civil Engineering,  
Pandian Saraswathi Yadav Engineering College,  
Arasanoor, Sivaganga.

Dear Sir / Madam

Sub: Acceptance and Provision of Financial Assistance for funded project –

Reg.

I am happy to inform that the proposal submitted by the Department of civil engineering under the work titled. "Testing of Construction Materials and preparation of design and drawing for buildings" has selected and approved by our organization and sanctioned Rs 3,50,000/- (Three Lakh Fifty Thousand only) as the project seems to be innovative and would be high social relevance.

In this regard the principal investigation is requested to complete the work and submit the monthly report of the completion status along with the presentation file to the company address without fail.

Project Title	Principal Investigator	Project Duration	Possible Fund
Testing of Construction Materials and preparation gs for	Mr. N.Naga Arjuna, M.E, AP / Civil	2 Years	3,50,000 / -

Thanking You

Mr. K. Logamalaikannan

PWD Class 1 - Contractor

73396 36666

klkcontractors@gmail.com



No.3, Kannan Complex, Melur Main Road, Uthangudi, Madurai - 625 107

**PANDIAN SARASWATHI YADAV ENGINEERING COLLEGE**


**DEPARTMENT OF CIVIL ENGINEERING**

**PROJECT PROPOSAL FOR POSSIBLE FUND**

S.No	Items	Details
1.	Project Title	Design, Drawing and Estimation of Buildings
2.	Project Type	To prepare a structural Design based on Indian standard Code provision like Beam, Column, Slab, Stair Case and Footing etc. and also prepare the Estimation of the project as per specification.
3.	Objectives	<p>We should able to understand the building design for framed structures and also, we get knowledge about designing software.</p> <p>To design a functional and aesthetically pleasing building.</p> <p>To ensure structural integrity and safety.</p> <p>To incorporate sustainable and energy-efficient solutions.</p> <p>To provide accurate cost and material estimations.</p>
4.	Methodology	<p>To Prepare a plan The methodology for this project involves Structural Design Estimation several stages:</p> <ol style="list-style-type: none"><li><b>1. Preliminary Research:</b> Reviewing existing literature and case studies.</li><li><b>2. Site Analysis:</b> Assessing the location for environmental, topographical, and regulatory factors.</li></ol>



		<p><b>3. Design Development:</b> Creating architectural, structural, and MEP designs.</p> <p><b>4. Estimation:</b> Calculating material requirements, costs, and project timelines.</p>
5.	Total Cost Required	Rs 3,50,000 / -
6.	Summary	<p>From this proposal We got design experience in different types of buildings. The design, drawing, and estimation of buildings are integral stages in the construction process. Design begins with conceptualizing the project's purpose and scope, progresses through schematic and design development phases, and culminates in detailed construction documents. Drawing, encompassing architectural, structural, MEP (mechanical, electrical, and plumbing), and landscape plans, translates design concepts into precise visual instructions for construction. Estimation involves calculating costs and quantities of materials and labor, ensuring financial feasibility and guiding budget management throughout the project. Modern tools like CAD and BIM software enhance accuracy and efficiency in these stages, fostering collaboration among architects, engineers, and contractors. Together, these processes ensure the creation of functional, aesthetically pleasing, and cost-effective buildings.</p>

  
 Signature of the Investigator  
 Mr.N.Naga Arjuna M.E



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To

Mr. K. Logamalaikannan

PWD Class I - Contractor

No.3 Kannan Complex, Melur Main Road,

Uthangudi, Madurai - 625107.

Dear Sir / Madam

Sub: Utilized fund from your company - Reg

Name of the guide : Mr. N. Naga Arjuna, M.E

Title of the project : Testing of Construction Materials and Preparation of design  
and drawing for buildings

Sanctioned Date : 10.04.2019

It is certified that a sum of Rs 3,50,000/- (Rupees Three Lakh Fifty Thousand) sanctioned by your company for carrying out the above-mentioned student project has been utilized for the purpose for which it was sanctioned and sum of Rs.0(Nil) remaining unutilized is refunded.

Signature of the Investigator  
Mr. N. Naga Arjuna M.E



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