

**CONSULTANCY WORK  
BILLING SYSTEM**

**CUSTOMER DETAIL**

**AYYA SHOE MART  
THIRUTHURAIPOONDI**

**Coordinator(s)**

**Prof. G. PRABHAKARAN**

ASSISTANT PROFESSOR

**Prof. M. RAJAKUMARAN**

ASSISTANT PROFESSOR

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING  
E.G.S PILLAY ENGINEERING COLLEGE  
NAGAPATTINAM – 611 002,  
TAMIL NADU

<http://www.egspec.org>

Ph: 04365 – 251112

**E.G.S PILLAY ENGINEERING COLLEGE, THIRUTHURAIPOONDI**

**DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**Consultancy Work**

**“BILLING SYSTEM”**

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**E.G.S PILLAY ENGINEERING COLLEGE, THIRUTHURAIPOONDI  
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

Date : 12/07/2018

To

**Mr. KARTHIK MUTHUKUMARAN,**  
Proprietor  
Ayya shoe mart  
Thiruthuraipoondi

Sir

Sub: Consultancy Work – Reg

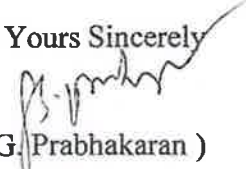
Greetings from EGS Pillay Engineering College, Thiruthuraipoondi

We are happy to inform you that we are doing consultancy work for BILLING SYSTEM. This project mainly focuses on easy way to billing to the customer. Herewith we send Institution and department profile for your reference.

Hence we request you give a positive response from your side.

Thanking You

Yours Sincerely

  
(G. Prabhakaran )

**Contact Details**

Prof G. Prabhakaran  
Asst.Prof/CSE  
EGS Pillay Engineering College, Thiruthuraipoondi  
Email Id: gowthamprabha@gmail.com  
Contact No: 9789905354

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## 1. INSTITUTION PROFILE

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E.G.S Pillay Engineering College is a pioneering Engineering College, established in the year 1995, at Thiruthuraipoondi, which is a typical rural and backward area of Tamil Nadu. The institution was created by Late. G.S.Pillay. He was born on 2<sup>nd</sup> January, 1930 in a poor family. He was deprived of education due to his family circumstance. He went to Seychelles when he was 15 years old in search of employment for his livelihood. The E.G.S Pillay Engineering College, Thiruthuraipoondi was the first institution established by Mr.G.S.Pillay in the year 1995 aiming at providing world class education in engineering, fostering industrial prosperity and aiding the socio-economic development of the nation at large. The institution was affiliated to Bharathidasan University, Trichy. during the years 1995 to 2006 and afterwards the affiliation is being accorded by the Anna University.

The college is located in the significant pilgrimage zone of south India covering Velankanni, Nagore and neighbor state Karaikal- Thirunallar. It is situated close to East Coast Road (ECR) between Karaikal and Thiruthuraipoondi and 2 km from Nagore. The nearest Railway station is Thiruthuraipoondi which has direct link with Chennai and Trichy. The nearest airport is Trichy which is 120 km away and that of Chennai is 350 km away.

The college is stepping into 19<sup>th</sup> year of excellent service in the year of 2012. Over these years, the college has attained commendable growth by developing itself in every aspect, in terms of academic programs, infrastructure development, staff recruitment, students admission, project and research activities, Transport, Training and Placement, centralized library, Sports and games etc.,

The college offers 6 UG degree program in B.E/B.Tech and 6 PG degree programs in M.E including MBA and MCA.

The Programs are

**UG Courses:**

- B.E – Mechanical Engineering
- B.E – Civil Engineering
- B.E – Computer Science and Engineering
- B.E – Electrical and Electronics Engineering
- B.E – Electronics and Communication Engineering
- B.Tech – Information Technology

**PG Courses:**

- Master of Business Administration
- Master of Computer Applications
- M.E – Manufacturing Engineering
- M.E – Computer Science and Engineering
- M.E – Communication Systems
- M.E – Power Electronics and Drives



**Vision:**

Envisioned to Transform our Institution into a globally “Centre of Academic Excellence”

**Mission:**

Our Mission is to produce Proficient, Dynamic, Eminent Engineers and Administrators through Excellent Services.

**Quality Policy:**

We commit ourselves to satisfy our student’s community through quality teaching and by concentrating on Teaching – Learning Process

We strive to give continuous improvement and skill development to the students through teamwork.

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## 2. DEPARTMENT PROFILE

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The department has well qualified and experienced staff and it continually updates its laboratories with modern facilities. The department conducts various seminars and workshop periodically. Various associations are formed related to the department. The students are given different mini-projects in the pre-final year so that their individual ideas can be implemented. The staff and students are encouraged to present papers at various colleges and many have won prizes in the face of stiff competitions.

### *Vision*

To impart a balanced quality technical education and to produce competent and renowned IT professionals excelling in emerging technologies and uplifting the nation globally.

### *Mission*

To produce globally competent, quality computer professionals and to inculcate the spirit of moral values for the cause of development of our nation.

### PROGRAMME EDUCATIONAL OBJECTIVES

The current PEO statements targeted for B.E – Computer Science & Engineering are given below.

1. Prepare graduates to have knowledge and competency for careers in and related to Computer Science & Engineering.
2. Prepare graduates to become leader in fields related to Computer Science & Engineering.
3. Prepare graduates to pursue higher education in Engineering or other Professional fields.

### PROGRAMME OUTCOMES

The following Programme Outcomes (POs) are established based on expert comments considering an ideal students and his/her expected qualities/characteristics on completion of the graduation in regard to Graduate Attributes described by NBA.

The graduates must demonstrate:

1. An ability to apply knowledge of mathematics and engineering to solve the complex engineering problems in information handling and data analytics
2. An ability to effectively integrate CSE-based solutions into the user environment
3. An ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.
4. An ability to use research methods to design and conduct experiments to investigate complex problems, as well as to analyze and interpret data

5. An ability to acquire new knowledge in the computing discipline and to engage in life-long learning
6. An ability to work individually or as a member with responsibility to function on multi-disciplinary teams.
7. An ability to communicate effectively in speech and in writing, including documentation of hardware and software systems.
8. An understanding of the engineering and management principles required for project and finance management.

#### **Courses Offered**

- B.E – Computer Science & Engineering.
- M.E – Computer Science & Engineering.

#### **Association Name**

CEA – Computer Engineers Association

#### **Features of the Department**

- Ensures quality and value based education
- Provides career guidance by the associating experts in the different fields
- Is renowned for its meticulous planning concerted efforts, competent and committed teaching faculty
- Enables extension / guest-lectures by the expertise in the various disciplines concerned
- Conducts academic programmer like tests, symposia, workshops, seminars etc
- Academic competitions like Paper presentation, essay writing, quiz etc.,
- Tours of academic interests
- Taps innovative talents, interests of its wards
- Conducts Weekly test, Short Answer Test and offers continuous evaluation of the performance of the students
- Remedial classes for slow learners
- Time to Time counseling by mentors
- Challenges students with extensive coaching of wide-ranging difficulty levels by conducting APTITUDE, REASONING tests
- Conducts class committee meetings
- Holds Parent-Teacher meetings
- Encourage the students to donate blood
- Conducts ENGLISH LITERARY ASSOCIATION PROGRAMME for the staff and students
- Ensure students participation in the Women Empowerment cell programs
- Sponsors the faculty for International/National Conferences/Seminars/Workshops, etc
- Personality development programs are conducted to improve student's soft skills
- Students are encouraged to do mini projects
- The department library has an extensive collection of academic books in the areas of latest technologies
- The department has stable, highly qualified and experienced staff members in the staff student ratio of 1:15

#### **Laboratory facilities**

Each laboratory is fully equipped to meet the requirement of Anna University Syllabi. The students can train themselves in the Laboratories with the guidance of the faculty during and

after the college hours. The laboratory facilities are constantly upgraded to take care of the technological Changes in the respective disciplines.

#### Department Servers and Software Details

- Microsoft Windows Server 2003
- Linux Fedora v19
- Oracle 11i Data base Server Workstations
- 471 Core i3 and Pentium based systems with multimedia facilities
- Capable of getting connected to all server and every other systems over TCP/IP backbone
- All systems having access with Internet/Intranet
- Software
- Microsoft Windows Server 2003
- CentOS 5.3 (For C & C++ programming and Script languages)
- Free BSD
- Oracle 11i
- IBM DB2
- PowerBuilder
- Sybase
- Microsoft Office 2007
- Microsoft Visual Studio 6.0
- Microsoft Visual Studio 2010
- Mathematica
- IDL (Image Processing Tools)
- MathCAD
- IBM Rational Suite and IBM Rational Architect
- Macromedia Flash and Dreamweaver
- Front Page Express
- Novell Netware
- Adobe Photoshop
- Network Simulator – 2 (Free Ware for Both Windows and Linux)
- .netbeans Developer
- Sun JDK, J2EE and J2ME
- Internet Facilities
- 16 Mbps leased line from Reliance

#### Priority Research Areas

1. Cloud Computing
2. Data Analysis
3. Data Mining and Warehousing
4. Network Security
5. Image Processing
6. Mobile Application Development
7. Ubiquitous Computing
8. Sensor Computing
9. Natural Language Processing
10. Green Computing

#### Faculty Details

S.No	Name of the Faculty with Designation	Qualification	Experience (in yrs)	Specialization
01	Mr. G. Prabhakaran	M.E	7.6	Analysis of algorithms
02	Mr. M. Rajakumaran	M.E	2	Networks

**Ongoing Project Details**

S. No	Name of the Project/Work	Coordinator(s)	Cost (Rs. in Lakh)
01	Learning Management System	Mr. Sudhir Shenai, AP/CSE Ms.S.Mahalakshmi, AP/Head	2.3
02	Accident Monitoring System	Mr. S.Aravindan, AP/CSE Mr. T.Ganesan, Assoc.Prof/Head	2.7
03	Centralized Data Disaster recovery management	Mr. R. Manivannan, AP/CSE Mr. K. Balasubramanian, AP/CSE	2.5
04	An acquisition of text from captured image	Mr. G.Prabhakaran, AP/CSE Mr.M. Rajakumaran, AP/CSE	2.1
05	A module of surface computer applied as a pen drive scanner	Mr.G.Arul Selvan, AP/CSE Mr. S.Praveen Kumar, AP/CSE	1.9
06	Two wheeler show room Management	Ms. Akila, AP/CSE Ms. P.Vennila, AP/CSE	0.87
07	Online Aptitude Trainer	Ms. Elakiya, AP/CSE Ms. R.G. Gokila, AP/CSE	0.95
08	Captcha based authentication for websites	Mr. A.Baskar, AP/CSE Mr. G. Prabhakaran , AP/CSE	0.98
09	Employee training tracking system	Ms. P.Vennila, AP/CSE Ms. Akila, AP/CSE	0.93
10	Open source website as a service to all business and publish inspiring stories	Ms. T. Sowkarthika Mr. D. Murali Chandrasekar	0.85



**AYYA SHOE MART**  
**THIRUTHURAIPOONDI**

Get into shop & walk safe

Phone : (04369) 248044

20/07/2018

To

Prof G. Prabhakaran  
Assistant Professor  
Department of Computer Science & Engineering  
EGS Pillay Engineering College  
Thiruthuraipoondi

Sir

Sub: Consultancy Work – Reg

With reference from your letter dated on 12/07/2018 . Thank you for your interest. This project idea is very interesting and our customer need to bill in smart way. This idea can increase my customer rate. In my company we have 2 computers with 3mbps leased Internet connection.

We accept your request. Kindly send your project proposal.

Thanking you

Kind regards

**E.G.S PILLAY ENGINEERING COLLEGE, THIRUTHURAIPOONDI  
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

26/07/2018

To

**Mr. Karthik Muthukumaran,**  
Proprietor  
Ayya Shoe Mart,  
Thiruthuraipoondi.

Sir

Sub: Consultancy Work – Reg

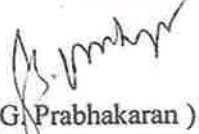
Greetings from EGS Pillay Engineering College, Thiruthuraipoondi

With reference from your acceptance letter dated on 20/07/2018 We are happy to your positive response. Herewith we send proposal along with Institution and Department profile for your reference. The proposal includes objective of the work, budget details and Expected outcome details along with specimen copy of audit sheet.

Hence awaiting for positive reply from your good office and fix one date for discussing consultancy work.

Thanking You

Yours Sincerely



(G. Prabhakaran)

Contact Details

Prof G. Prabhakaran  
Asst.Prof/CSE  
EGS Pillay Engineering College, Thiruthuraipoondi  
Email Id: gowthamprabha@gmail.com  
Contact No: 9789905354

## 1. PROJECT PROPOSAL

01	Title of the Project	:	<b>BILLING SYSTEM</b>
02	Type of the Project	:	Consultancy Work - Engineering & Technology – Information Technology – Social Networking
03	Name & Designation of the Project Coordinators	:	<b>Prof. G. Prabhakaran</b> Assistant Professor/ CSE <b>Mr. M. Rajakumaran</b> Assistant Professor/ CSE
04	Postal Address of the Principal Investigator	:	Old Nagore Road, Thethi Village, Nagore – Post, Thiruthuraiipoondi – 611 002
05	Contact Phone numbers of the Project Coordinators	:	<b>Mr. G. Prabhakaran</b> Project Coordinator Contact No. Email: <a href="mailto:gowthamprabha@egspec.org">gowthamprabha@egspec.org</a>
06	Name of the Institution / Organization in which the project will be carried out	:	E.G.S Pillay Engineering College, Thiruthuraiipoondi
07	Customer Details	:	<b>Mr.Karthik Muthukumaran</b> Proprietor Ayya Shoe Mart, Thiruthuraiipoondi.
08	Customer Contact Details	:	<b>Mr.Karthik Muthukumaran</b> 9884143784 <a href="mailto:mkarthik@gmail.com">mkarthik@gmail.com</a>
09	Duration of the Project	:	July' 2018 – June' 2019 (12 Months)
10	Total Cost of the Project Proposal (details to be furnished in the prescribed format)	:	Enclosed separately – Annexure 1
11	An abstract, not exceeding one page describing the background, objectives methodology & year wise budget	:	Enclosed separately – Annexure 2
12	Project Work Plan	:	Enclosed separately – Annexure 3
13	Facilities available at the Institution / organization to carry out the project	:	Open Source Lab, Cloud Campus, Android Apps development Centre
14	Audit Sheet and Expected Outcome	:	Enclosed separately – Annexure 4



*Handwritten signatures of project coordinators*

Signature of the project Coordinator(s)

*Handwritten signature of the Head of the Department*

Signature of the  
Head of the Department  
with Seal

*Handwritten signature of the Head of the Institution*

Signature of the  
Head of the Institution  
with Seal

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**Annexure - 1****DETAILS OF BUDGET**

<b>S.No</b>	<b>Description</b>	<b>Amount (in Rs.)</b>
<b>A</b>	Salary for Project Coordinators (12 months*Rs.2000/pm)	24,000
	Salary for Technical Assistant (12 months * Rs.1000/pm)	12,000
<b>Total</b>		<b>36,000</b>
<b>B</b>	Software Packages, Preprocessing and Component Preparation	28,000
<b>Total</b>		<b>64,000</b>
<b>C</b>	Data collection, Requirement Analysis, Designing, Prototype model, Testing and Maintenance	23,000
<b>Total</b>		<b>87,000</b>
<b>D</b>	Travel	3000
<b>E</b>	Total of A+B+C+D	87,000
<b>F</b>	Institutional overhead charges (10%)	5,000
<b>G</b>	<b>Total Cost of Project</b>	<b>95,000</b>

## **Annexure - 2**

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### **ABSTRACT**

Billing System purpose is to promote the Billing system as automatic and avoid written in manual

The association's activities provide:

- Extensive introductory education for new professionals
- Information on emerging technology as well as methodology for existing performance professionals
- Forums for the exchange of information, promotion of new ideas, and discussions of management information requirements
- Focus on practical applications and results oriented methodologies
- Encouragement for educational institutions to focus on the IT curriculum.

**Annexure - 3**

**Work Plan**

<b>Phase</b>	<b>Cycle</b>	<b>Primary Objective</b>	<b>Scheduled start or milestone</b>	<b>Duration Estimate (calendar days)</b>
Inception / Requirements Analysis	C1	<ul style="list-style-type: none"> <li>✓ Analyzing Requirements</li> <li>✓ Collecting Project Requirements</li> </ul>	August 2018	38 days
Elaboration	C2	<ul style="list-style-type: none"> <li>✓ Identifying Technical Assistant</li> <li>✓ Installation and Setup</li> <li>✓ Purchasing</li> </ul>	Sep–Oct 2018	32 days
Designing	C3	<ul style="list-style-type: none"> <li>✓ Designing Prototype Model</li> <li>✓ Project Review Status Preparation Submission</li> <li>✓ Project Modules Preparation</li> </ul>	Oct - Nov 2018	35 days
Implementation	C4	<ul style="list-style-type: none"> <li>✓ Start to develop Coding each Modules</li> <li>✓ Preparing Workspace model and verify with abstract.</li> <li>✓ Identify the Risk and Measure the values of on it.</li> </ul>	Nov – Dec 2018	45 days
Construction	C5	<ul style="list-style-type: none"> <li>✓ Complete the Project and meet with Abstract</li> <li>✓ Objectives and Outcome mapped with the Module</li> <li>✓ Project Final Phase meeting</li> </ul>	Jan – Mar 2019	45 days
Transitions /End	C6	<ul style="list-style-type: none"> <li>✓ Preparing Documentation Part</li> <li>✓ Publication and Presentation in Conferenece and Jouranls</li> <li>✓ Final Project Presentation</li> </ul>	Apr– Jun 2019	40 days

### **Expected Outcomes**

1. This project work provides generate automatic bill.
2. It satisfies the user expectation.
3. This work mainly focuses on billing in printed format.
4. This work will reduce the human manpower instead of putting one separate staff for administration
5. Real time environment at any point owner and head of industry will know the status system.
6. This project holds all type of industry with the minimum effort and no need to set any specialized component.
7. Future research should therefore be devoted to the design of an overall framework, integrating all the presented solutions, and activating the most appropriate solutions.

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**COORDINATOR DETAILS**

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S.No	Name of the Coordinator	Designation	Contact No.	EmailID
<b>Faculty Members</b>				
01	Prof.G. Prabhakaran	Asst.Prof/CSE	9789905354	gowthampraba@gmail.com
02	Prof.M. Rajakumaran	Asst.Prof/CSE	9952127506	mrajakumaran90@gmail.com
<b>Students Members</b>				
03	M. Yogaprabha	Student	9943092211	<a href="mailto:Yoga2233@gmail.com">Yoga2233@gmail.com</a>
04	RajendranUjaini	Student	9899743690	<a href="mailto:rajendranujai@gmail.com">rajendranujai@gmail.com</a>
05	Vedaraj	Student	9543208747	<a href="mailto:vedasoftklr@gmail.com">vedasoftklr@gmail.com</a>
06	Rajeswari. K	Student	9967845345	rajikalis@gmail.com

### Profile of the Coordinator - 1

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Name : Prabhakaran.G  
Date of Birth : 25.06.1986  
Father's Name : K.Gowthaman  
Address : 38/37, Sivan mela vedhi  
Velippalayam, nagappattinam - 611001  
Email : [gowthampraba@gmail.com](mailto:gowthampraba@gmail.com)  
Mobile : 9789905354

#### Experience Summary

#### Academic Profile

Course	Institute	Board/Univ.	Percent
M.E., (CSE)	Sathyabama university	Sathyabama university	7.8
B.E., (CSE)	Sri sairam engineering college	Anna University, Chennai	67%

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## Profile of the Coordinator - 2

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1. Name : M. Rajakumaran  
2. Gender : Male  
3. Date of Birth : 14.06.1990  
4. Designation & Affiliation : Assistant Professor / CSE  
5. Postal Address : 3/95 Sannathi Street  
Thiruppugalur  
6. Contact Number : 9952127506  
7. Email ID : mrajakumaran90@gmail.com  
8. Qualifications (Starting from University Level)

Sl.No.	Degree	Institution	University
1	B.E, CSE	EGS Pillay Engineering College, Nagapattinam	Anna University
2	M.E., (CSE)	An EGS Pillay Engineering College, Nagapattinam	Anna University



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**MINUTES OF MEETING**

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**EGS PILLAY ENGINEERING COLLEGE, THIRUTHURAIPOONDI  
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**Minutes of Meeting**

<b>Consultancy Work</b>	
Title	BILLING SYSTEM
Ref.No	EGSPEC/Consultancy/MCP/2014/IT-003
Meeting No.	01
Date	26.07.2018
No. of Attendees	05
Venue	Department of CSE –Faculty Room

**Members Present**

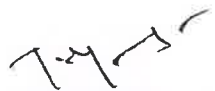
S.No	Name of the Members	Designation/Dept
01	Mr. G. Prabhakaran	Asst. Prof. CSE
02	Mr. M. Rajakumaran	Asst. Prof. CSE
03	Mr.Karthik Muthukumaran	Proprietor, Ayya Shoe Mart
04	Mr. D.Arun	Manager Ayya Shoe Mart
05	Mr.R.Parthiban	Lab Asst /CSE LAB

**Points Discussed**

S.No	Points
<b>The following points discussed in project meeting</b>	
01	Prof.G. Prabhakaran , AP/CSE welcoming the company people
02	Prof.M. Rajakumaran, AP/CSE discussed project details with company people
03	Discussed with project details like objective, duration, project status monitoring and explained prototype model for evaluation process.
04	Explained various levels in the sense of hardware and software profile and outcomes. Displayed audit sheet for reference and explain the procedure to monitoring.
05	Signed memorandum of understanding for consultancy work order.

**Minuted by: Prof.G. Prabhakaran**

**Copy to: Department file and Company**

  
**HOD/CSE**  
**(Prof. T.Ganesan)**



**E.G.S. PILLAY ENGINEERING COLLEGE,**  
 OLD NAGORE ROAD,  
 NAGAPATTINAM, TAMIL NADU - 611002, INDIA  
 Tel: 91-4365-251112, 251114 Fax: 91-4365-251114  
 Email: principal.egspec@gmail.com Web: http://egspec.org

**FORM NO. CWF-01**

**Ref. No. EGSpec/CW/**

*For Office Use Only*

**Consultancy Assignment Proposal and Agreement Form**

**PART-A**

**TITLE OF THE CONSULTANCY** *(Kindly fill in BLOCK letters)*

BILLING SYSTEM

**CONSULTANT INCHARGE**

Name: G. Prabhakaran / M. Rajakumaran Designation: ASSIST. PROF  
 Department/Centre: Computer Science & Engineering  
 Telephone: Mobile: 9189905354 / 995227506 Email: goukhampraha@gmail.com

**EXPECTED TIME SCHEDULE**

Duration: 1 Years -    Months -    Weeks Starting Date: 26/7/19

**CLIENT DETAILS** *(Kindly fill in BLOCK letters)*

Firm's Name: Karthik Muthukumar  
 Address: Axxa Shoo mart Contact Person's Name: Karthik Muthukumar  
Thiruthurai Poonai  
 Designation: Proprietor  
 City: \_\_\_\_\_ Pin: \_\_\_\_\_  
 Ph. \_\_\_\_\_ Cell \_\_\_\_\_ Fax \_\_\_\_\_ Email mkarthik@gmail.com

**TOTAL CHARGES AND PAYMENT DETAILS**

Mode of Payment: → By Cheque  By Draft \_\_\_\_\_ Telegraphic Transfer \_\_\_\_\_  
 Currency: → Indian Rupees \_\_\_\_\_ Foreign → Country: \_\_\_\_\_ Currency: \_\_\_\_\_  
 Payment enclosed: → Full Payment \_\_\_\_\_ Part Payment \_\_\_\_\_

Total Value (in figures)	Total Value (in words)	Bank's Name and Branch
<u>95,000/-</u>	<u>ninety five thousand only</u>	
DD/Cheque No.	DD/Cheque Amount	DD/Cheque Date

**SCOPE OF THE CONSULTANCY** *(attach separate sheet, if necessary)*

This project is used to create online billing system for small type of industries. It is also used offline method.

**AGREEMENT BETWEEN CLIENT AND CONSULTANT**

This agreement is subject to the Standard Terms and Conditions (Annexure) for undertaking consultancy projects at EGS Pillay Engineering College, Nagapattinam. Signatures of the client may be obtained and submitted on the Standard Terms & Conditions to acknowledge that he/she has gone through these and agrees to be bound by them.

*[Handwritten Signature]*  
Signature of the Consultant In-charge

Date: *20/7/14*

**PART - B**

**DETAILS OF THE CONSULTANT INCHARGE AND CO-CONSULTANT INCHARGE(S)**

	Employee's Name	Designation	Department	Signature
CI:	G. Prabhakar	ASST. PROF	CSE	
Co-CI:	M. Rajakumar	ASST. Prof	CSE	Mr. Raju
Co-CI:				
Co-CI:				

**TYPE OF CONSULTANCY (Please any one of the following)**

**Type A:** Product/Process development and advice/report based on significant research and development.

**Type B\*\*:** Testing and Interpretation, Design Checking etc.

\*\*Head of the Dept. will decide, if the consultancy falls in the Type B category. In case of a doubt, Principal will decide the classification in consultation with the CI and the concerned Head of the Dept.

**TYPE OF THE CLIENT ORGANISATION (Please any one of the following)**

Private Sector

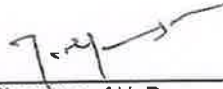
Public Sector

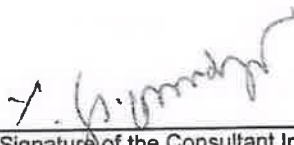
Govt. Sector

Foreign Organization

**BREAK UP OF TOTAL CHARGES**

	Budget Head Description	Budget Code	Amount (Rupees)
(I)	<b>EXPENSES</b> Recurring/Non-Recurring (Salary/Cost of Labour, Honorarium to Staff/Outside Consultants, Travel, Contingency, Consumables, Equipments, Materials, etc.)	EXPENSES	60,000
(II)	<b>FEE FOR SCIENTIFIC &amp; TECHNICAL ADVICE</b>	FEESTA	20,000
(III)	<b>INSTITUTE CHARGES</b> (Type A: 10% of (I) + 50% of (II), Type B: 10% of (I) + 100% of (II))	INSTOHS	15,000
(IV)	<b>TOTAL CHARGES (I+II+III)</b>		
(V)	<b>SERVICE TAX @ 12% OF IV(Total Charges)</b>		
(VI)	<b>EDUCATION CESS @ 3% OF V(Service Tax)</b>		
(VII)	<b>GROSS AMOUNT (IV+V+VI)</b>		95,000 -

  
\_\_\_\_\_  
Signature of HoD

  
\_\_\_\_\_  
Signature of the Consultant In-charge  
Date:

**ANNEXURE FOR**  
**FORM NO.CW/F-02 (CONSULTANCY FORM)**



**E.G.S. PILLAY ENGINEERING COLLEGE,**

**OLD NAGORE ROAD,  
NAGAPATTINAM, TAMIL NADU - 611002, INDIA**

**Tel: 91-4365-251112, 251114 Fax: 91-4365-251114**

**Email: principal.egspec@gmail.com Web: http://egspec.org**

**STANDARD TERMS AND CONDITIONS OF CONTRACT FOR CONSULTANCY**

**Title of the Consultancy Job:**

Billing System

**Name & Address of the Client:**

Axxa Sheo mart, Thiruthurai Poondi

**Name and Dept. of the Consultant In-charge:**

G-Prabakaran / m-Rajakumaran. @ CSE / EGSPEC

The Institute through the CI/Co-CI will plan the Project in consultation with the Client. These terms and conditions govern projects for the development of products, processes, field studies, model studies, calculations, economic and technical consulting and other forms of project of specific interest to the client. The conditions are binding unless otherwise agreed upon in a separate signed document.

1. **DECLARATION:** All work undertaken by the Consultant In-charge (CI)/Co-Consultant In-charge (Co-CI) at EGS Pillay Engineering College, Nagapattinam (EGSPEC, Nagai) as part of the project will be in good faith and based on material/data/other relevant information given by the client requesting for the work.
2. **RESPONSIBILITY/LIABILITY:** The Institute through CI/Co-CI undertakes to carry out the project as conscientiously as conditions allow, but accepts no economic responsibility whatsoever, should the work not lead to expected results. EGSPEC, Nagai shall not be held liable for any loss, damage, delay or failure of performance, resulting directly or indirectly from any cause, which is beyond its reasonable control (Force Majeure). The liability of EGSPEC, Nagai shall be limited to the funds received for the project.
3. **DISCRETION:** The Institute through CI/Co-CI undertakes to handle with discretion reports, results, the identity of the Client and all material specifically treated/marked confidential which the client places at the disposal of the CI/Co-CI in connection with the project at EGSPEC, Nagai, subject to Right to Information rules/regulations.
4. **SUB-CONTRACTING:** The Institute reserves the right to allow any work in connection with the project, experimental or otherwise, to be carried out by a third party as per Institute norms and procedures, provided this does not result in the danger of information of a confidential nature coming into the hands of unauthorized persons.
5. **RESULT OF THE PROJECT:** The results of all work done at the Institute by the CI/Co-CI in connection with the project, incorporated in written reports shall remain the property of the Client. Results arrived at with little or no involvement on the part of the Client are available free of charge for the Client's own use. However, the CI/Co-CI/Institute reserves the right to use such results in connection with activities outside the scope of the project. If the Client consists of several individuals, all questions of Client, rights between the Clients must be settled between such individuals, and are of no concern to the CI/Co-CI/Institute. Unless otherwise agreed, all reports are to be sent to the Client. The CI/Co-CI/Institute has the right to retain a copy.



6. **INTELLECTUAL PROPERTY RIGHTS:** All rights pertaining to any intellectual property generated/ created/invented in the due course of the project, will be the joint property of EGSPEC, Nagai and the Client. Terms and conditions regarding transferring/assigning/selling these rights to the Client shall be governed by a separate written agreement if required.
7. **PUBLISHING THE RESULTS/OUTCOME OF THE CONSULTANCY:** The results/outcome of the consultancy shall not be exploited by the Client organization for its business interests by using EGSPEC, Nagai's name/logo through press advertisement/publicity material or in any other manner. Manuscripts of academic papers, brochures, advertisements or other form of published material which refer to or quote the proprietary results of the project shall be vetted by both parties before publication.
8. **COMMUNICATION OF RESULTS TO A THIRD PARTY:** The CI/Co-CI may not, without the written agreement of the Client, communicate the results of the project to a third party. The Client shall arrange the necessary written agreement of all parties on the Client's side who may have publication rights with respect to the project.
9. **PROJECTS FOR OTHER CLIENTS:** The Institute may undertake other projects in the same field provided – to the best of its knowledge and belief – there exists no danger of information of a confidential nature coming into hands of a third party.
10. **APPARATUS:** Instruments and/or equipment obtained in connection with the project and charged to the client remain the property of EGSPEC, Nagai, unless otherwise it is specifically agreed to by the Institute.
11. **TERMINATION OF THE PROJECT:** The Client has a right to terminate the project at any time, but shall be liable for all reasonable expenses incurred in connection with halting work already in progress according to the agreed work programme. The decision of EGSPEC, Nagai shall be final as far as reasonableness of the expenses is concerned. The Institute has also the right to terminate the project at any time except where otherwise agreed upon. The Client in this case will not be liable for any expenses incurred after the termination.
12. **PAYMENT:** The payment of consultation charges to EGSPEC, Nagai are to be made in advance and in full before the start of the project, through a demand draft/crossed valid cheque drawn in favour of the Principal, EGS Pillay Engineering College, Nagapattinam and sent to the Consultant. The charges will also include any applicable tax as prescribed by the Government of India or the Government of Tamil Nadu (or any other statutory body) from time to time.
13. **DISPUTES:** In the event of any dispute or difference between the parties hereto, such dispute or differences shall be resolved amicably by mutual consultation. If such resolution is not possible, then the unresolved dispute or difference shall be referred to a sole arbitrator to be nominated by the Director of the Institute for a reasoned Award. The seat of arbitration shall be within the campus of EGSPEC, Nagai and the language of arbitration shall be English. The Award of the arbitrator shall be binding on the parties to the dispute.
14. **DISCLAIMER:** The report on the consultancy project is the technical opinion of the CI/Co-CI based on his/their expertise in the particular area of research and in no way reflects the view(s) of EGSPEC, Nagai. EGSPEC, Nagai is not responsible for the accuracy or completeness of the report and the role of the Institute is limited to providing administrative support to the project.
15. **SERVICE TAX:** As per Service Tax Act of G.O.I., the service tax plus education cess will be levied on total consultancy charges and this amount is to be borne by the Client (The Service Tax applicable today is 12.36%).

Mr. Rajakumar  
 G. PABU HANUMAN  
 Name & Signature of Consultant Incharge

M. K. M.  
 Name & Signature of Client

Place: Nagapattinam (with office seal)

(with office seal)

6

E.G.S Pillay Engineering College,  
Thiruthuraiipoondi  
Department of Computer Science &  
Engineering

Ayya Shoe Mart  
Thiruthuraiipoondi

**Memorandum of Understanding  
(Consultancy Work Order)**

This Memorandum of Understanding is entered on this 12<sup>th</sup> November, 2014 between Ayya Shoe Mart, Thiruthuraiipoondi. – 611 111 hereinafter called the party of the first part represented by Mr. R.Muthukumar, Proprietor, Ayya Shoe Mart, Thiruthuraiipoondi.

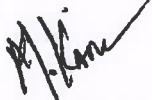
AND

Department of Computer Science & Engineering, E.G.S Pillay Engineering College, Old Nagore Road, Nagapattinam District – 611 002, hereinafter called the party of the second part represented by Prof. G. Prabhakaran , AP/CSE , E.G.S Pillay Engineering College hereinafter called the party of the second part.

We are happy to sign Memorandum of Understanding for the purposes of doing Consultancy work for the title “BILLING SYSTEM” the period from November’2014 to October ’2015. And we accept and satisfies the requirements and it is very good platform for us.

This MOU effect from on 12/11/2014.

On behalf of



Ayya Shoe Mart

On behalf of



Head of the Department

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**MINUTES OF MEETING**

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**EGS PILLAY ENGINEERING COLLEGE, THIRUTHURAIPOONDI  
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**Minutes of Meeting**

<b>Consultancy Work</b>	
Title	BILLING SYSTEM
Ref.No	2014/CSE-003
Meeting No.	02
Date	13.09.2018
No. of Attendees	04
Venue	Department of CSE – CC4 Lab

**Members Present**

S.No	Name of the Members	Designation/Dept
01	Prof.G. Prabhakaran	Asst.Prof/CSE
02	Prof. M. Rajakumaran	Asst.Prof/CSE
03	Mr.D.Arun	Manager, Ayya Shoe Mart
04	Mr.R. Parthiban	Lab.Asst/CSE

**Points Discussed**

S.No	Points
<b>The following points discussed in project meeting</b>	
01	Minutes of last meeting reviewed
02	Audit sheet shown to Tech Asst from company that includes hardware details measuring components CPU, Clock rate, Completion time, Processor Status. Software details – Installed components, Life time, piracy details.
03	Arranged model lab for testing components with Tech Asst.
04	Discussed project planning status requirements, designing prototype, completed components and documentation part.

**Minuted by: Prof.G. Prabhakaran**  
**Copy to: Department file and Company**

  
**HOD/CSE**  
**(Prof.T.Ganesan)**



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**MINUTES OF MEETING**

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**EGS PILLAY ENGINEERING COLLEGE, THIRUTHURAIPOONDI  
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**Progress Analysis Meeting**

<b>Consultancy Work – Progress Analysis</b>	
Title	BILLING SYSTEM
Ref.No	2014/CSE-003
Meeting No.	03
Date	17.11.2018
No. of Attendees	05
Venue	Ayya Shoe Mart, Thiruthuraipoondi

**Members Present**

S.No	Name of the Members	Designation/Dept
01	Prof.G. Prabhakaran	Asst.Prof/CSE
02	Prof. M. Rajakumaran	Asst.Prof/CSE
03	Mr.D.Arun	Manager, Ayya Shoe Mart
04	Mr.R. Parthiban	Lab.Asst/CSE

**Points Discussed**

S.No	Points
<b>The following points discussed in project meeting</b>	
01	Discussed with audit report and major, minor problem displayed.
02	Recommendation and Action taken points are discussed and explained with audit sheet for performance measurement
03	Cumulative report submitted and Components status noted for future reference
04	Finalized next audit date in the month November and comparison report submitted on at the end of the project.



**Coordinator**

**(Prof. G. Prabhakaran)**



**HOD/CSE**

**(Prof. T.Ganesan)**

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**MINUTES OF MEETING**

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**EGS PILLAY ENGINEERING COLLEGE, THIRUTHURAIPOONDI  
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

**Minutes of Meeting**

<b>Consultancy Work – Progress Analysis</b>	
Title	BILLING SYSTEM
Ref.No	2014/CSE-003
Meeting No.	04
Date	21.02.2019
No. of Attendees	05
Venue	Ayya Shoe Mart office. Thiruthuraiipoondi.

**Members Present**

S.No	Name of the Members	Designation/Dept
01	Prof.G. Prabhakaran	Asst.Prof/CSE
02	Prof. M. Rajakumaran	Asst.Prof/CSE
03	Mr.D.Arun	Manager, Ayya Shoe Mart
04	Mr.R. Parthiban	Lab.Asst/CSE

**Points Discussed**

S.No	Points
<b>The following points discussed in project meeting</b>	
01	Discussed with phase 2 audit report and major, minor problem displayed.
02	Recommendation and Action taken points are discussed and explained with audit sheet for performance measurement
03	Cumulative report submitted and Components status noted for future reference
04	Comparison result produced and notified best of this work with the help of that.
05	Up gradation and reconfiguration process discussed and presented overall status mapped with outcomes.

  
**Coordinator**  
**(Prof.G. Prabhakaran )**

  
**AP/CSE**  
**(Prof. M. Rajakumaran)**



**AYYA SHOE MART**  
**THIRUTHURAIPOONDI**

Get into shop & walk safe

Phone : (04369) 248044

07.06.2019

To

Prof. G. Prabhakaran  
Assistant Professor  
Department of Computer Science & Engineering  
EGS Pillay Engineering College  
Thiruthuraiipoondi

Sir

Sub: Consultancy Work – Reg

We are happy to inform you that we got very good result from your consultancy work. After implement this system speed and internet bandwidth are tremendously increased. The coordinators are appreciated for completing this wonderful work in my industry. Herewith I enclosed invoice copy of payment details for your reference. I hope this work nice experience for us and in future you may increase number iteration as more as possible.

Thanking you

Kind regards

  
**Karthik Muthukumaran**



# AYYA SHOE MART THIRUTHURAIPOONDI

Get into shop & walk safe

Phone : (04369) 248044

07.06.2019

## INVOICE

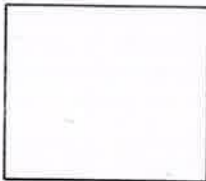
S.No	Salaries & Wages	Amount (in Rs.)
01	Coordinators and Technical Staff Salary	36,000
02	Software Packages and Component Model	28,000
03	Data Collection and Testing	23,000
04	Travel	3000
05	Institutional overhead charge	5,000
06	Total Cost of Project	95,000

  
Karthik Muthukumaran

## Cash Voucher

Received an amount in cash for Rs. 95,000/- (Rupees Ninety Five Thousand only)  
From Ayya Shoe Mart, Thiruthuraipoondi.

In connection with the completion of consultancy work "BILLING SYSTEM" from  
November'2014 to October'2015 at Ayya Shoe Mart, Thiruthuraipoondi.



Name of the Person:

Date:

**E.G.S PILLAY ENGINEERING COLLEGE, THIRUTHURAIPOONDI  
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING**

15.06.2019

TO

**Mr. Karthik Muthukumaran**  
Proprietor  
Ayya Shoe Mat,  
Thiruthuraiipoondi.

Sir

Sub: Consultancy Work – Reg

Greetings from EGS Pillay Engineering College, Thiruthuraiipoondi

With reference from your letter dated on 07.06.2019. We are very much pleased to accept your positive response and work process appreciation and we take your consideration in our future reference. Also we received invoice details and cash voucher. Herewith I send signed cash voucher for your reference.

Thanking You

Yours Sincerely



(G. Prabhakaran )

Contact Details

Prof.G. Prabhakaran ,  
Asst.Prof/CSE  
EGS Pillay Engineering College, Thiruthuraiipoondi  
emailID: gowthampabha@gmail.com  
Contact No: 9789905354



**AYYA SHOE MART**  
**THIRUTHURAIPOONDI**

Get into shop & walk safe

Phone : (04369) 248044

23.06.2019

To

Prof. G. Prabhakaran  
Assistant Professor  
Department of Computer Science & Engineering  
EGS Pillay Engineering College  
Thiruthuraipoondi

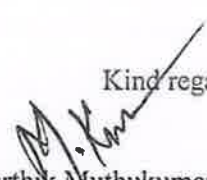
Sir

Sub: Consultancy Work – Reg..

We are happy to inform you that Billing System consultancy work successfully running and it reduces the time and helpful to the users perspective. It was very good experience for us and got good product from your esteemed institution. Also the coordinators are worked very well. I hope near in future we will to other projects for social development.

Thanking you

Kind regards

  
(Karthik Muthukumaran)



भारतीय स्टेट बैंक  
State Bank Of India

विवेक  
07 02 2013  
DDMMYY

PAY

The Principal, The Pillay Engineering College

Twenty five thousand only

₹ 25,000/-

8700067006789

MULTI-CITY CHEQUE Payable at Par at All Branches of SBI

*[Signature]*  
Please sign above

\*001055\* 400030786 014884\* 41  
LTD





# E.G.S. PILLAY ENGINEERING COLLEGE(Autonomous)

NAGAPATTINAM - 611 002.

Accredited by NBA (CSE, EEE, Mech, Civil, ECE & IT) Accredited by NAAC with 'A' Grade  
An ISO 9001:2008 Certified Institution

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai



Dr.S.RAMABALAN M.E.Ph.D.,  
PRINCIPAL

Ref: EGSPEC/APRIL/2019

14/04/2019

### Minutes of Meeting

S.No	Content	Particulars
1	Purpose of Meeting	Consultancy work
2	Meeting No.	01
3	Date	14/04/2019
4	No. of Attendees	2

### Board Members

S.No	Name	Address	Signature
1	Shri.B.Mohan	Sun fibre boats and sea foods	
2	Dr.S.Ramabalan	Principal & Professor, Mech, EGSPEC	
2	Dr.V.Sivaraman	Professor, Mech, EGSPEC	

### Memorandum of Understanding

The memorandum of understanding is entered on this 3rd February, 2019 between Sun fiber boat and sea foods, nagore, Tamilnadu-611002, here in after called the party of the first part represented by Shri.B.Mohan, proprietor, Sun fiber boat and sea foods.

And

Department of Mechanical Engineering, E.G.S.Pillay Engineering College, Old nagore road, Nagapattinam, Tamilnadu-611002, her in after called the party of the second part represented by Dr.V.Sivaraman, Professor, E.G.S.Pillay Engineering college here in after called the party of the second part. We are happy to sign memorandum of Understanding for the purpose of doing consultancy work for the title "Design and fabrication of FRP Boat for the use of fishing purpose" The period from April 2019 to October 2019(6 months). We accept and satisfy the requirement from both side and it is very good platform for us.  
This MOU is effect from 14.04.2019

1 behalf of Proprietor



On behalf of EGSPEC

PRINCIPAL

E.G.S. Pillay Engineering College

Nagapattinam

Personal : 251114, Office : 251112, Chairman : 224522, Hostel : 251348, Fax : (04365) 251114  
Web site : www.egspec.org





# E.G.S. PILLAY ENGINEERING COLLEGE(Autonomous)

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PRINCIPAL

Ref: EGSPEC/APRIL/2019

14/04/2019

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2	Dr.S.Ramabalan	Principal & Professor, Mech, EGSPEC	
2	Dr.V.Sivaraman	Professor, Mech, EGSPEC	V.Sivaraman

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On behalf of Proprietor



On behalf of EGSPEC  
PRINCIPAL

E.G.S. Pillay Engineering College,  
Nagapattinam

Personal : 251114, Office : 251112, Chairman : 224522, Hostel : 251348, Fax : (04365) 251114

Web site : www.egspec.org

# SUN FIBER BOATS & SEA FOODS

No.11, Kalpandaga Salai Street, Nagore – 611002

Shri.B.Mohan B.A.,  
Proprietor

GSTIN: 33BJOPM7318D1Z7  
Ph.8610447629

To  
The Principal  
EGS Pillay Engineering College  
Nagapattinam

15-04-2019

Sir,

Sub: FRP boat order – reg.

With reference to our discussion with you and Dr.V.Sivaraman, we are interested to give order to deliver the boat with the following specifications

1. Length 42 feet
2. Breadth 11 feet
3. Height 4 feet

The boat should have two engines with maximum capacity of 50 HP each. The cabin size must accommodate minimum 3 to 4 person with steering wheel and other necessary accessories. We can pay Rs.11 lakhs (Eleven Lakhs only) for the entire project, if you are interested kindly send your acceptance immediately.

Thanking You

With regards





# E.G.S. PILLAY ENGINEERING COLLEGE(Autonomous)

NAGAPATTINAM - 611 002.

Accredited by NBA (CSE, EEE, Mech, Civil, ECE & IT) Accredited by NAAC with 'A' Grade

An ISO 9001:2008 Certified Institution

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai



**Dr.S.RAMABALAN M.E.Ph.D.,  
PRINCIPAL**

Ref: EGSPEC/MECH/APRIL/2019

16/04/2019

To

Shri.B.Mohan

Proprietor

Sun fibre boats and sea foods

Nagore

Tamilnadu-611002.

Sir


Sub: Consultancy work-reg

Greeting from E.G.S.Pillay Engineering College, Nagapattinam.

We are happy to inform you that herewith we attached the technical specification and description of the consultancy work for you reference and fix a date for meeting to discuss about the consultancy work and budget details.

Thank you

Yours truly

  
Dr.S.Ramabalan

E.G.S. Pillay Engineering College  
Nagapattinam

# SUN FIBER BOATS & SEAFOODS

No.11, Kalpandaga Salai Street, Nagore - 611002

Shri.B.Mohan B.A.,  
Proprietor

GSTIN:33BJOPM7318D1Z7  
Ph.8610447629

REF: EGSPEC/MAY/2019

25/05/2019

To

Dr.S.Ramabalan  
Principal  
E.G.S.Pillay Engineering College  
Nagapattinam  
Tamilnadu-611002

Sir

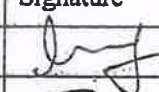
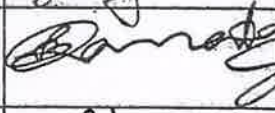
Sub: Consultancy work-reg

Consultancy second minutes of meeting conducted with below mentioned field experts as on date  
10.6.2019.

## Minutes of Meeting

S.No	Content	Particulars
1	Purpose of Meeting	Consultancy work
2	Meeting No.	02
3	Date	25.05.2019
4	No. of Attendees	1

## Board Members

S.No	Name	Address	Signature
1	Shri.B.Mohan	Sun fibre boats and sea foods	
2	Dr.S.Ramabalan	Principal & Professor, Mech, EGSPEC	
2	Dr.V.Sivaraman	Professor, Mech, EGSPEC	V.Sivaraman



# SUN FIBER BOATS & SEAFOODS

No.11, Kalpandaga Salai Street, Nagore – 611002

Shri.B.Mohan B.A.,  
Proprietor

GSTIN:33BJOPM7318D1Z7  
Ph.8610447629

REF: EGSPEC/MAY/2019

25/05/2019

To

Dr.S.Ramabalan  
Principal  
E.G.S.Pillay Engineering College  
Nagapattinam  
Tamilnadu-611002

Sir

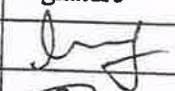
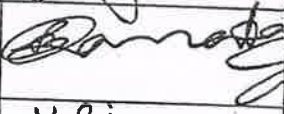
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10.6.2019.

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2	Dr.V.Sivaraman	Professor, Mech, EGSPEC	V.Sivaraman

# SUN FIBER BOATS & SEAFOODS

No.11, Kalpandaga Salai Street, Nagore – 611002

Shri.B.Mohan B.A.,  
Proprietor

GSTIN:33BJOPM7318D1Z7  
Ph.8610447629

## Certificate of Appreciation

On behalf of the company I sincerely thank the R&D department of E.G.S.Pillay Engineering College for their excellent consultancy work in manufacturing fibre boat as per our specific requirements I also thank the Principal Dr.S.Ramabalani and Dr.V.Sivaraman for their timely support and help in finishing the project on time. Our customer was very happy with the boat design and finishing. In future we request you to help to complete similar projects for our company.



For SUN FIBRE BOAT AND SEA FOODS

Authorized Signatory



## 1702EE302-DIGITAL ELECTRONICS

II/III-EEE

## END SEMESTER EXAM

S.No	Reg.No	Question Number (Q)	Course Outcome (CO)	Max Marks	Q1	Q2	Q3	Q4	Q5	Q6	Q7	Q8	Q9	Q10	Q11	Q12	Q13	Q14	Q15	Q16	TOTAL
					1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
1	E18EER001	Aakash M			0	0	0	0	0	0	0	0	0	0	10	10	0	0	10	20	50
2	E18EER002	Akash P			0	0	0	0	0	0	0	0	0	0	8	9	5	5	10	12	49
3	E18EER003	Akashraj A			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	A
4	E18EER004	Amirthavarshini P			2	2	2	2	2	2	2	2	2	2	10	10	10	10	10	18	88
5	E18EER005	Arunkumar R			1	0	1	1	0	1	1	0	1	1	4	10	3	10	8	18	60
6	E18EER006	Balaganesh S			2	2	2	2	2	1	2	2	2	2	10	10	7	10	7	18	81
7	E18EER007	Chozhan M			2	0	0	0	0	2	0	0	2	0	10	10	6	0	9	18	59
8	E18EER008	Deepak T			1	0	1	0	1	2	1	1	2	0	0	10	6	0	10	18	53
9	E18EER009	Dharik ahamed S			2	1	1	2	2	1	0	2	2	2	10	10	6	8	9	18	76
10	E18EER010	Dheepak ram R			0	0	0	0	1	0	0	0	1	1	10	10	8	0	8	18	57
11	E18EER011	Imran Nazir N			2	1	1	0	1	1	0	0	1	1	10	5	2	3	4	18	50
12	E18EER012	Ishwarya P			2	2	2	2	2	2	2	1	2	2	11	11	10	10	6	18	85
13	E18EER013	Jagatheesh R			1	0	2	1	1	1	1	1	1	1	5	10	0	0	10	18	53
14	E18EER014	Kalaiyarasan A			0	0	0	0	0	0	0	0	0	0	10	5	5	5	8	18	51
15	E18EER015	Kalidoss K			2	2	1	0	0	0	1	0	1	2	8	6	3	6	10	18	60
16	E18EER016	Kamalesh K			2	0	0	0	0	0	0	0	0	0	4	0	0	0	0	14	20
17	E18EER017	Keerthivasan B			0	0	0	0	0	2	0	0	1	2	8	8	8	0	8	18	55
18	E18EER018	Kevin Christopher A			2	0	0	0	2	0	0	0	2	2	10	7	10	0	0	18	53
19	E18EER019	Kirupakaran M			1	1	1	1	1	2	1	2	2	2	8	10	8	10	10	18	78
20	E18EER020	Kiruthiga S			2	2	2	2	2	2	2	2	2	2	10	10	10	10	8	18	86
21	E18EER021	Kumaravel M			1	0	0	1	0	0	0	0	0	0	10	10	5	8	10	18	63
22	E18EER022	Madesh B			0	0	0	0	0	0	0	0	0	0	10	4	0	0	10	18	42
23	E18EER023	Manikandan G			0	0	0	0	0	0	0	0	0	0	10	2	8	10	10	18	58
24	E18EER024	Muruges Kannan C			1	0	1	2	1	0	0	1	1	0	10	10	10	10	6	18	71
25	E18EER025	Muthudhinesh G			2	2	1	0	0	0	2	1	1	2	10	10	3	9	10	18	71
26	E18EER026	Prem P			2	1	1	1	1	2	1	1	1	2	10	10	0	6	10	18	67

**CONSULTANCY PROJECT**  
**DAMPNESS PAINTING TREATMENT WORK**  
**CONSULTANCY IN-CHARGE**

**Dr.R.Sivakumar M.E., Ph.D.,**  
HEAD OF THE DEPARTMENT

**Prof.V.Srinivasan M.E.,**  
Assistant Professor

DEPARTMENT OF CIVIL ENGINEERING  
2017 – 2018

E G S PILLAY ENGINEERING COLLEGE  
NAGAPATTINAM – 611 002  
TAMI NADU

<http://www.egspec.org>

Ph.04365-251112



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# E. G.S.PILLAY ENGINEERING COLLEGE

NAGAPATTINAM - 611 002.

(An ISO 9001:2008 Certified Institution)

(Approved by AICTE, New Delhi, Approved by Govt. of Tamil Nadu)

(Affiliated to Anna University Chennai)



Ref.No: EGSPEC/MRW/2017/PO2/01


Date: 27.09.2017

Mr. S. BASKARAN  
Village Director,  
SOS Children's Village,  
Nagapattinam - 611 001

Subject: Commercial Building Maintenance, Repair and Painting work.

We are Happy to inform you that we are doing Construction and Repair work for Commercial and Dampness arrest Painting work. Hence we request you to kindly give a positive response from your side. We enclosed the Broucher.

Thank You.

  
Yours faithfully,

(V.SRINIVASAN)

Contact Details,

V.SRINIVASAN  
AP/CIVIL

E G S Pillay Engineering College,  
Nagapattinam.

Mail : [ikd070814@gmail.com](mailto:ikd070814@gmail.com)

Contact : 7200621474



**SOS CHILDREN'S  
VILLAGES  
INDIA**

To

The HOD,  
Department of civil Engineering,  
E G S Pillay Engineering College,  
Nagapattinam.

Nagapattinam, Oct 02<sup>nd</sup> 2017

Sir,

Sub: Treatment Painting Work – Reg.

Thank you for your interest. We received your requisition letter and we accept your request, This is to inform you that to give the permission to do the Dampness Arresting treatment painting work in SOS Village, Nagapattinam.

Please send your project proposal as early as possible.

Thanking You,

SOS Village Nagapattinam,  
Club Road,

+611001,  
5-248100  
drensvillages.in

*x. [Signature]*

*[Signature]*

**A loving home for every child**

# E. G.S.PILLAY ENGINEERING COLLEGE

NAGAPATTINAM - 611 002.

(An ISO 9001:2008 Certified Institution)

(Approved by AICTE, New Delhi, Approved by Govt. of Tamil Nadu)  
(Affiliated to Anna University Chennai)



Ref: EGSPEC / CW / 0710 / PO2 / 02

Date :07.10.17

r.S.BASKARAN  
Village Director,  
SOS Children's Village,  
Nagapattinam – 611 001

r,

We are Happy to inform you that here with we attached complete project proposal for your reference and fix one date for discussing about the project details.

Thanking you.



*V. Srinivasan*  
Yours faithfully,

(V.SRINIVASAN)

Contact Details,

V.SRINIVASAN

AP/CIVIL

E G S Pillay Engineering College,

Nagapattinam.

Mail : [ikd070814@gmail.com](mailto:ikd070814@gmail.com)

Contact : 7200621474



## PROJECT PROPOSAL

01	Title of the project	DAMPNESS PAINTING TREATMENT WORK
02	Type of the project	CONSULTANCY WORK
03	Name & Designation of the project coordinators	Dr.R.Sivakumar Associate Professor/HoD-civil Mr.V.Srinivasan AP/civil
04	Postal address of the principal investigator	Old nagore Road, thethi village, Nagore-post, Nagapattinam-611002
05	Contact phone number of the project coordinators	Mr.V.SRINIVASAN Project coordinators Contact No.7200621474 Email:ikd070814@gmail.com
06	Name of the institution/Organization in which the project will be carried out	E.G.S Pillay Engineering College, Nagapattinam.
07	Name of the other client involved in the project	SOS Children's Village, Nagapattinam.
08	Duration of the project	Nov 2017 - Jun 2018 (8 months)
09	Total cost of project proposal(details to be furnished in the prescribed format)	Enclosed separately-Annexure 1
10	An abstract not exceeding one page describing the background, objectives methodology year wise budget	Enclosed separately-Annexure 2
11	Project work plan	Enclosed separately-Annexure 3
12	Facilities available at the Institution/Organization to carry out the project	Consistency Test
13	Expected outcome	Enclosed separately-Annexure 4

Place: Nagapattinam

Date: 7, 10, 17

*(Signature)*  
Signature of the

Head of the Department  
**IVARUMAR, M.B.A., M.E., Ph.D.**  
Professor & Head,  
Department of Civil Engineering,  
PILLAY Engineering College,  
Nagapattinam.

*(Signature)*  
Signature of Consultant in charger



*(Signature)*  
Signature of the  
Head of the Institution

With seal  
**PRINCIPAL**  
E.G.S. Pillay Engineering College,  
Nagapattinam.



**SOS CHILDREN'S  
VILLAGES  
INDIA**

To

The HOD,  
Department of civil Engineering,  
E G S Pillay Engineering College,  
Nagapattinam.

Nagapattinam, Oct 12<sup>th</sup> 2017

Sir,

Sub: Discussion of Dampness Treatment Painting Work – Reg.

As per your request I will come and discuss with you on 15.10.2017. Kindly  
arrange necessary documents for discussion.

Thanking You.

SOS Children's Village Nagapattinam,  
17/1 Club Road,

Phone: 045-611001,  
045-248100  
Email: [indians@soschildrensvillages.in](mailto:indians@soschildrensvillages.in)

\* *V. Srinivasan*


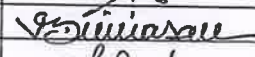

*A. Bal*

**A loving home for every child**

### MINUTES OF MEETING - 1

PURPOSE OF MEETING	CONSULTANCY WORK
Project title	DAMPNESS PAINTING TREATMENT WORK
Project Reference No.	EGSPEC/CW/2019/PO1/01
Meeting No.	01
Date	18.11.18
No. of Attendees	03

### MEMBERS PRESENT


SL.NO	NAME	DESIGNATION	SIGNATURE
01	Prof.R.Sivakumar	HoD / Civil	
02	V.Srinivasan	Professor / Civil	
03	S.Baskar	SoS / MD	

#### Point Discussed

- ❖ We discussed about the leaking of roof, tank, sump, etc., is a cause for immediate concern because small crack term into much ones in as little has a night.
- ❖ Gravity play on interesting roll in spreading crack and gravitational pressure is highest in roof top. Hence repairing requires is right at the moment.
- ❖ Consultancy in charge need to have a regular visit to Pondicherry where the problems arise.
- ❖ Every three months once, progress report about construction need to given by the Clint.

Minute by: V.Srinivasan



  
 HOD / CIVIL 15/11/18  
**Dr. R. SIVAKUMAR, M.B.A., M.E., Ph.D.**  
 (Prof. R. Sivakumar)  
 Professor & Head  
 Department of Civil Engineering,  
 E.G.S. PILLAY Engineering College,  
 Nagappattinam.

E.G.S. PILLAY ENGINEERING COLLEGE,  
OLD NAGORE ROAD,  
NAGAPATTINAM, TAMIL NADU - 611002, INDIA  
Tel: 91-4365-251112, 251114 Fax: 91-4365-251114  
Email: principal.egspec@gmail.com Web: http://egspec.org

FORM NO. CW/F-01

Ref.No.EGSPEC/MPW/2017/PO2/01

For Office Use Only

## Project Assignment Proposal and Agreement Form

### PART-A

THE PROJECT (Kindly fill in BLOCK letters)

DAMPNESS ARRESTING TREATMENT PAINTING WORK IN SOS VILLAGE -  
NAGAPATTINAM

#### AGENT INCHARGE

Name: V SRINIVASAN Designation: ASSISTANT PROFESSOR  
Institute/Centre: CIVIL / EGSPEC NAGAPATTINAM  
Mobile: 72006 21474 Email: ikd070814@gmail.com

#### PROPOSED TIME SCHEDULE

Years Months Weeks Starting Date:  
- Jun 2018 00 08 10/09/2017

PROJECT DETAILS (Kindly fill in BLOCK letters)

M/s SOS Children's village

Contact Person's Name: Mr. S.BASKARAN

54, Bungalow club rd,  
Kadambady, Nagapattinam.

Designation: Village Director

04365-  
248100

Fax

Web: [soschildrensvillages.in](http://soschildrensvillages.in)

#### TERMS AND CONDITIONS OF PAYMENT DETAILS

Payment: → By Cheque By Draft Telegraphic Transfer  
→ Indian Rupees Foreign → Country: Currency:  
enclosed: → Full Payment Part Payment  
Total Value (in figures) (in words) SEVEN LAKHS  
AND TWENTY THOUSAND ONLY

Bank's Name and Branch :

DD/Cheque No.

DD/Cheque Amount : 720000/-

DD/Cheque Date:

ATTACHMENTS OF THE PROJECT (attach separate sheet, if necessary)

#### AGREEMENT BETWEEN CLIENTS

This agreement is subject to the Standard Terms and Conditions (Annexure) for undertaking projects at EGS Pillay Engineering College, Nagapattinam. Signatures of the client may be obtained and submitted on the Standard Terms & Conditions to certify that he/she has gone through these and agrees to be bound by them.

Signature of the In-charge *V. Srinivasan*

Date:



**PART - B**

**DETAILS OF THE CONSULTANT INCHARGE AND CO-CONSUTANT INCHARGES(S)**

	Employee's Name	Designation	Department	Signature
CI:	Dr. R.SIVAKUMAR	HOD	CIVIL	
Co-CI:	Mr. V.SRINIVASAN	ASST.PROFESSOR	CIVIL	<i>V. Srinivasan</i>
Co-CI:	Mr.S.BASKARAN	MD	SOS VILLAGE	<i>S. Bal</i>
Co-CI:				

**TYPE OF PROJECT (Please any one of the following)**

Type A: Product/Process development and advice/report based on significant research and development.  
 Type B\*: Testing and Interpretation, Design Checking etc.

\*Head of the Dept. will decide, if the consultancy falls in the Type B category. In case of a doubt, Principal will decide the classification in consultation with the CI and the concerned Head of the Dept.

**TYPE OF THE CLIENT ORGANISATION (Please any one of the following)**

Private Sector : YES      Public Sector      Govt. Sector      Foreign Organization

**BREAK UP OF TOTAL CHARGES**

	Budget Head Description	Budget Code	Amount (Rupees)
(I)	<b>EXPENSES</b> Recurring/Non-Recurring (Salary/Cost of Labour, Honorarium to Staff/Outside Consultants, Travel, Contingency, Consumables, Equipments, Materials, etc.)	EXPENSES	580000.00
(II)	<b>FEE FOR SCIENTIFIC &amp; TECHNICAL ADVICE</b>	FEESTA	108400.00
(III)	<b>INSTITUTE CHARGES</b> (Type A: 10% of (I) + 50% of (II), Type B: 10% of (I) + 100% of (II))	INSTOHS	10000.00
(IV)	<b>TOTAL CHARGES (I+II+III)</b>		698400.00
(V)	<b>SERVICE TAX @ 12% OF IV(Total Charges)</b>		
(VI)	<b>EDUCATION CESS @ 3% OF V(Service Tax)</b>		21600.00
(VII)	<b>GROSS AMOUNT (IV+V+VI)</b>		720000.00

*[Signature]*  
**DR. SIVAKUMAR, M.B.A., M.E., P.H.D.**  
 Professor & Head,  
 Department of Civil Engineering,  
 S.S. PILLAY Engineering College,  
 Nagapattinam.



*[Signature]*  
 Signature of the In-charge  
 Date: 15.10.17

**ANNEXURE FOR**  
**FORM NO.CW/F-02 (CONSULTANCY FORM)**



**E.G.S. PILLAY ENGINEERING COLLEGE,**

**OLD NAGORE ROAD,  
NAGAPATTINAM, TAMIL NADU - 611002, INDIA**

**Tel: 91-4365-251112, 251114 Fax: 91-4365-251114**

**Email: principal.egspec@gmail.com Web: http://egspec.org**

**STANDARD TERMS AND CONDITIONS OF CONTRACT FOR CONSUTANCY**

**Title of the Consultancy Job:**

**Dampness Arresting Treatment Painting Work in SOS Village - Nagapattinam**

**Name & Address of the Client: Mr.S.BASKARAN, MD, SOS VILLAGE, NAGAPATTINAM.**

---

**Name and Dept. of the In-charge:**

**V.SRINIVASAN, AP/Civil, EGSPEC, Nagai.**

The Institute through the CI/Co-CI will plan the Project in consultation with the Client. These terms and conditions govern projects for the development of products, processes, field studies, model studies, calculations, economic and technical consulting and other forms of project of specific interest to the client. The conditions are binding unless otherwise agreed upon in a separate signed document.

1. **DECLARATION:** All work undertaken by the Consultant In-charge (CI)/Co-Consultant In-charge (Co-CI) at EGS Pillay Engineering College, Nagapattinam (EGSPEC, Nagai) as part of the project will be in good faith and based on material/data/other relevant information given by the client requesting for the work.
2. **RESPONSIBILITY/LIABILITY:** The Institute through CI/Co-CI undertakes to carry out the project as conscientiously as conditions allow, but accepts no economic responsibility whatsoever, should the work not lead to expected results. EGSPEC, Nagai shall not be held liable for any loss, damage, delay or failure of performance, resulting directly or indirectly from any cause, which is beyond its reasonable control (Force Majeure). The liability of EGSPEC, Nagai shall be limited to the funds received for the project.
3. **DISCRETION:** The Institute through CI/Co-CI undertakes to handle with discretion reports, results, the identity of the Client and all material specifically treated/marked confidential which the client places at the disposal of the CI/Co-CI in connection with the project at EGSPEC, Nagai, subject to Right to Information rules/regulations.
4. **SUB-CONTRACTING:** The Institute reserves the right to allow any work in connection with the project, experimental or otherwise, to be carried out by a third party as per Institute norms and procedures, provided this does not result in the danger of information of a confidential nature coming into the hands of unauthorized persons.
5. **RESULT OF THE PROJECT:** The results of all work done at the Institute by the CI/Co-CI in connection with the project, incorporated in written reports shall remain the property of the Client. Results arrived at with little or no involvement on the part of the Client are available free of charge for the Client's own use. However, the CI/Co-CI/Institute reserves the right to use such results in connection with activities outside the scope of the project. If the Client consists of several individuals, all questions of Client, rights between the Clients must be settled between such individuals, and are of no concern to the CI/Co-CI/Institute. Unless otherwise agreed, all reports are to be sent to the Client. The CI/Co-CI/Institute has the right to retain a copy.



6. **INTELLECTUAL PROPERTY RIGHTS:** All rights pertaining to any intellectual property generated/ created/invented in the due course of the project, will be the joint property of EGSPEC, Nagai and the Client. Terms and conditions regarding transferring/assigning/selling these rights to the Client shall be governed by a separate written agreement if required.
7. **PUBLISHING THE RESULTS/OUTCOME OF THE CONSULTANCY:** The results/outcome of the consultancy shall not be exploited by the Client organization for its business interests by using EGSPEC, Nagai's name/logo through press advertisement/publicity material or in any other manner. Manuscripts of academic papers, brochures, advertisements or other form of published material which refer to or quote the proprietary results of the project shall be vetted by both parties before publication.
8. **COMMUNICATION OF RESULTS TO A THIRD PARTY:** The CI/Co-CI may not, without the written agreement of the Client, communicate the results of the project to a third party. The Client shall arrange the necessary written agreement of all parties on the Client's side who may have publication rights with respect to the project.
9. **PROJECTS FOR OTHER CLIENTS:** The Institute may undertake other projects in the same field provided – to the best of its knowledge and belief – there exists no danger of information of a confidential nature coming into hands of a third party.
10. **APPARATUS:** Instruments and/or equipment obtained in connection with the project and charged to the client remain the property of EGSPEC, Nagai, unless otherwise it is specifically agreed to by the Institute.
11. **TERMINATION OF THE PROJECT:** The Client has a right to terminate the project at any time, but shall be liable for all reasonable expenses incurred in connection with halting work already in progress according to the agreed work programme. The decision of EGSPEC, Nagai shall be final as far as reasonableness of the expenses is concerned. The Institute has also the right to terminate the project at any time except where otherwise agreed upon. The Client in this case will not be liable for any expenses incurred after the termination.
12. **PAYMENT:** The payment of consultation charges to EGSPEC, Nagai are to be made in advance and in full before the start of the project, through a demand draft/crossed valid cheque drawn in favour of the Principal, EGS Pillay Engineering College, Nagapattinam and sent to the Consultant. The charges will also include any applicable tax as prescribed by the Government of India or the Government of Tamil Nadu (or any other statutory body) from time to time.
13. **DISPUTES:** In the event of any dispute or difference between the parties hereto, such dispute or differences shall be resolved amicably by mutual consultation. If such resolution is not possible, then the unresolved dispute or difference shall be referred to a sole arbitrator to be nominated by the Director of the Institute for a reasoned Award. The seat of arbitration shall be within the campus of EGSPEC, Nagai and the language of arbitration shall be English. The Award of the arbitrator shall be binding on the parties to the dispute.
14. **DISCLAIMER:** The report on the consultancy project is the technical opinion of the CI/Co-CI based on his/their expertise in the particular area of research and in no way reflects the view(s) of EGSPEC, Nagai. EGSPEC, Nagai is not responsible for the accuracy or completeness of the report and the role of the Institute is limited to providing administrative support to the project.
15. **SERVICE TAX:** As per Service Tax Act of G.O.I., the service tax plus education cess will be levied on total consultancy charges and this amount is to be borne by the Client (The Service Tax applicable today is 12.36%).

*V. Srinivasan*  
V.SRINIVASAN

Name & Signature of Incharge

(with office seal)

*L. Bal*

Name & Signature of Client

(with office seal)

Date: 18/08/2017  
Place:  
NAGAPATTINAM



Annexure-1

DETAILS OF BUDGET

SI.NO	DISCRIPTION	TOTAL
A	Payment for consultancy in charger for 240 R.ft(Rs.3200 / R.ft)	5,80,000.00
B	Equipment, Materials testing, etc.,	23,000.00
C	Consumable and labour charges	97,000.00
D	Travel, Contingency, etc.,	10,000.00
E	Total of A+B+C+D	7,10,000.00
F	Institutional overhead (Including service Tax, Education cuss, etc.)	10,000.00
G	Total cost of project(E+F)	7,20,000.00


Annexure-2

ABSTRACT

Project Coordinator : V.Srinivasan M.E., Assistant Professor  
Project Name : Dampness Treatment Painting Work  
Name of the company : SOS Village, Nagapattinam.  
Name of the Work : Consultation and supervision

1. In the construction Dampness use one of the main problem. In SOS Children's village consistency working leakage in the Existing Buildings and basement etc.,. The approached for a consultation recording Dampness problem. I accepted and provide them a consultation with treatment painting coated to arresting Dampness .the consultation charge is 60000.00Rs./ Unit Rate. The total length is 12 Units for this project and the payment Rs.720000/-get in the form of 3 part of Payment cheque from the SOS Children's Village, Nagapattinam.



  
**Dr. R. SIVAKUMAR, M.B.A., M.E., Ph.D.**  
Professor & Head,  
Department of Civil Engineering,  
E.G.S. PILLAY Engineering College,  
Nagapattinam.

## WORK PLAN

### METHODOLOGY

This is the case study of arrest the Dampness of building coastal region. It also involves analysis, evaluation and finds solution for the durability problems in Dampness in the Cottages.

Among them educational building, residential buildings, public building are included.

The building surveyed is situated at the distance around 3km.

During survey many type of cracks, corrosion and patches are identified.

### OBJECTIVES

Increase the durability and strengthening of existing Unit Walls . Newly Painted treatment the Walls Post retro fitting's elevation for behaviour of the structure health assessment of the existing structure in adherence with latest tools.

### CONSTRUCTION MATERIALS

Plaster of Parry's

Thinner

Warnish

Primer and Distemper with Dr. Fixit Lotion

Water

### AGGREGATE EXPENSIONS

Magnesium carbonate compounds react with hydroxyl ions yields magnesium Hydroxide and carbonite ion.

These cause destruction of material. Mechanical damage erosion may occur.

### EXPECTED OUTCOMES

- ❖ Dampness problem permanently solved.
- ❖ Preventive measures were given.
- ❖ 15 % of maintenance cost will be saved.
- ❖ Durability of the structure will be extended.

### 2. Bio-Data of the coordinators



1. Name : V.Srinivasan
2. Gender : Male
3. Date of Birth : 05.07.1978
4. Designation & Affiliation : Assistant Professor / civil
5. Postal Address : 139/2, Vicknapuram, Avaranipuducherry post, Sikkal-via, Nagapattinam-DT, PIN-611108
6. Contact Number : 72006 21474
7. Email Id : [ikd070814@gmail.com](mailto:ikd070814@gmail.com)
8. Field Experience : 14 years in planning & execution
9. Qualification

Sl.No.	Degree	Institution	Year
01	B.E., CIVIL	Raja college of Engg&Tech., Madurai	2001- 2004
02	M.E., Struct	SRV Engg. College. Sembodai. Nagapattinam	2015 - 2017

10. Employment Experience : 14 Months (E.G.S Pillay Engineering College, Nagapattinam)



**Dr. R. SIVAKUMAR, M.B.A., M.E., Ph.D.**  
Professor & Head,  
Department of Civil Engineering,  
E.G.S. PILLAY Engineering College,  
Nagapattinam.

EGS PILLAY ENGINEERING COLLEGE, NAGAPATTINAM





**SOS CHILDREN'S  
VILLAGES  
INDIA**

To

The HOD,  
Department of civil Engineering,  
E G S Pillay Engineering College,  
Nagapattinam.

Nagapattinam, Nov 15<sup>th</sup> 2017

Sir,

I would like to express my greetings and wishes to Mr.V.Srinivasan our consultant for Dampness Treatment. We are very much satisfied with his solutions and the way he handled the problem, his approach towards the workers, material management and last but not least all out time and money had been saved by providing economical solutions yet everlasting solution. We are completely satisfied. As per our contract, I send a cheque for Rs. 7, 20,000/- towards consultation fee.

Payment details,

Two Part of Bill payments.

First Bill Payment

A/c Number	:	0052053000103871
Cheque No.	:	005596
Date	:	03.11.2017
Bank	:	South Indian Bank
Amount	:	3,20,000/-

*V. Srinivasan*

*A. Bal*





**SOS CHILDREN'S  
VILLAGES  
INDIA**

To

The HOD,  
Department of civil Engineering,  
E G S Pillay Engineering College,  
Nagapattinam.

Nagapattinam, Jul 15<sup>th</sup> 2018

Sir,

I would like to express my greetings and wishes to Mr. V.Srinivasan our consultant for Dampness Treatment. We are very much satisfied with his solutions and the way he handled the problem, his approach towards the workers, material management and last but not least all out time and money had been saved by providing economical solutions yet everlasting solution. We are completely satisfied. As per our contract, I send a cheque for Rs. 7, 20,000/- towards consultation fee.

Payment details,

Second & Final Bill Payment

A/c Number	:	0052053000103871
Cheque No.	:	378900
Date	:	05.07.2018
Bank	:	South Indian Bank
Amount	:	4,00,000/-

x *V. Srinivasan*

*A. Bal*



**SOS CHILDREN'S  
VILLAGES  
INDIA**

To

The HOD,  
Department of civil Engineering,  
E G S Pillay Engineering College,  
Nagapattinam.

Nagapattinam, Jul 15<sup>th</sup> 2018

Sir,

I would like to express my greetings and wishes to Mr.V.Srinivasan our consultant for Dampness Treatment. We are very much satisfied with his solutions and the way he handled the problem, his approach towards the workers, material management and last but not least all out time and money had been saved by providing economical solutions yet everlasting solution. We are completely satisfied. As per our contract, I send a cheque for Rs. 7, 20,000/- towards consultation fee.

Payment details,

Second & Final Bill Payment

A/c Number	:	0052053000103871
Cheque No.	:	378900
Date	:	05.07.2018
Bank	:	South Indian Bank
Amount	:	4,00,000/-

x *V. Srinivasan*

*A. Bal*



**SOS CHILDREN'S  
VILLAGES  
INDIA**

THREE MONTHS PROGRESS REPORT

To

The HOD,  
Department of civil Engineering,  
E G S Pillay Engineering College,  
Nagapattinam.

Nagapattinam, June 24<sup>th</sup> 2018

Sir,

S.No	DATE	MEMBERS	LOCATION	SIGNATURE
01	Nov 22' 2017	V.Srinivasan	SOS Village, Nagai	<i>V. Bal</i>
02	Feb 22' 2018	V.Srinivasan	SOS Village, Nagai	<i>V. Bal</i>
03	Jun 20' 2018	V.Srinivasan	SOS Village, Nagai	<i>V. Bal</i>

1. We will test the quality the quality may become bad due to bad weather like rain storm, high wind etc. We will analyses the quality every three months after Painting the Housing Units .
2. If required we will replace asphalt shingle due to wear and tear.
3. Periodically we will check the ventilation of to help prevent cracks and off of shingles.

*V. Srinivasan*

*V. Bal*



दिसाळ्य इन्डियन बँक लिमिटेड  
 The South Indian Bank Limited  
 NEELA SOUTH STREET, NAGAPATTINAM - 611 001  
 IFSC: SIBL0000052

Valid for three months only

0 3 1 1 2 0 1 7  
 D D M M Y Y Y Y

Pay V.SRINIVASAN

वा धारक को or Bearer

रुपये Rupee THREE LAKHS AND TWENTY THOUSAND ONLY

अदा करे ₹ 3,20,000.00

A/c. No. 0052053000103871

Chq.No. : 01005596

For SOS CHILDRENS VILLAGES OF INDIA-NAGAPATTINAM

AA0419 "Payable at all branches"

SB PRIVILEGE

*[Signature]*

*[Signature]*  
 Authorised Signatory

Please sign above

⑈005596⑈ 611059002⑈ 999901⑈ 31

Bank Name : Lakshmi vilas Bank – Nagapattinam  
 Payable at : Principal EGS Pillay Engg.College, Nagapattinam  
 A/C Number : 0486 3600 0000 0198  
 Collection Details : Cheque  
 Date : 03.11.2017  
 Cheque Number : 005596  
 Amount : 3,20,000/-

*[Signature]*  
 ACCOUNTS OFFICE  
 EGS PILLAY ENGINEERING COLLEGE  
 NAGAPATTINAM - 611 002,





दरिद्राश्रम इन्डियन बैंक लिमिटेड  
 The South Indian Bank Limited  
 NEELA SOUTH STREET, NAGAPATTINAM - 611 001  
 IFSC: SIBL0002052

Valid for three months only

0 5 0 7 2 0 1 8  
 D D M M Y Y Y Y

Pay V.SRINIVASAN

या धारक को or Bearer

रुपये Rupee FOUR LAKHS ONLY

अदा करें ₹ 4,00,000.00

A/c. No. 0052053000103871

For SOS CHILDRENS VILLAGES OF INDIA-NAGAPATTINAM

A/c PAYEE ONLY

SB PRIVILEGE

*[Signature]*

*[Signature]*

Sr. Co-Worker Finance

Village Authorized Signatory  
 Please sign above

MSL/V " Payable at all branches "

⑆ 378900 ⑆ 04863600000198 ⑆ 050718 ⑆ 31

Payable at : Principal EGS Pillay Engg.College, Nagapattinam  
 A/C Number : 0486 3600 0000 0198  
 Collection Details : Cheque  
 Date : 05.07.2018  
 Cheque Number : 378900  
 Amount : 4,00,000/-

*[Signature]*  
**ACCOUNTS OFFICE**  
**EGS PILLAY ENGINEERING COLLEGE**  
**NAGAPATTINAM - 611 002.**

EGS PILLAY ENGINEERING COLLEGE, NAGAPATTINAM.


DEPARTMENT OF CIVIL ENGINEERING

UTILIZATION CERTIFICATE


Name of the project	DAMPNESS PAINTING TREATMENT WORK
Name of the coordinators	V.Srinivasan
Name of the Agency	SOS Village, Nagapattinam
Type of Project	Consultancy Project
Duration	Nov 2017 – Jun 2018
Project cost	7,20,000 /-

This certificate is an acknowledgement of the expenditure incurred in executing the minor project mentioned above. The Accounts duly submitted to the R&D cell and verified by the principal.

Sl.No.	Itemized list of expenses incurred	Amount (Rs)
1	Project construction and Materials ( Rs 50966.67 * 12 Units)	611600.00
2	Remuneration for two project coordinators(8 months*Rs.2200/Pm)*4	70400.00
3	Remuneration for technical Assistant(8 months*Rs.850/Pm)*2	13600.00
4	Remuneration for student intern	10400.00
5	Travel	5000.00
6	Institution over head(Including service tax, Education cuss, etc)	9000.00
7	Total expenses incurred	108400.00
	Income generated through consultancy (1 + 7)	720000.00

  
**Dr. R. SIVAKUMAR, M.B.A., M.E., Ph.D.**  
 Professor & Head,  
 Department of Civil Engineering,  
 E.G.S. PILLAY Engineering College,  
 Nagapattinam.



  
**PRINCIPAL**  
 E.G.S. Pillay Engineering College,  
 Nagapattinam.





# E.G.S. PILLAY ENGINEERING COLLEGE,

Nagapattinam - 611 002.

Dept: CIVIL

Lab/WS: Consultancy work for SAs

**VOUCHER**

Vr. No.:

Date: 10.7.18


Particulars		Rs.	Ps.
Paid to Thru <u>V. Srinivasan</u>			
Towards <u>Remuneration</u>			
A sum of Rupees <u>13,000/- (Thirteen thousand only)</u>		13,000	00
Received payment		13,000	00

Signature of Payee: [Signature]

Signature of Secretary: [Signature] Secretary

Signature of Principal: [Signature] Principal

**ACCOUNTS OFFICE**  
E.G.S. PILLAY ENGINEERING COLLEGE  
NAGAPATTINAM



# E.G.S. PILLAY ENGINEERING COLLEGE,

Nagapattinam - 611 002.

Dept: CIVIL

Lab/WS: Consultancy work for SAs

**VOUCHER**

Vr. No.:

Date: 27.11.17


Particulars		Rs.	Ps.
Paid to Thru <u>V. Srinivasan</u>			
Towards <u>Remuneration</u>			
A sum of Rupees <u>12,500/- (Twelve thousand five hundred)</u>		12500	
Received payment		12500	

Signature of Payee: [Signature]

Signature of Secretary: [Signature] Secretary

Signature of Principal: [Signature] Principal

**ACCOUNTS OFFICE**  
E.G.S. PILLAY ENGINEERING COLLEGE  
NAGAPATTINAM - 611 002





# E.G.S. PILLAY ENGINEERING COLLEGE,

Nagapattinam - 611 002.

Dept: CIVIL

Vr. No.:

**VOUCHER**

Lab/WS: *Consultancy work SOS*

Date: *10.7.18*

Particulars	Rs.	Ps.
Paid to Thiru <i>Alamelumangai (in civil)</i>		
Towards <i>Remuneration</i>		
A sum of Rupees <i>Five thousand and Eight</i>	5,800	00
<i>Handed over by</i>		
Received payment	5,800	00

Received payment

Signature of Payee *[Signature]*  
ACCOUNTS OFFICE  
E.G.S. PILLAY ENGINEERING COLLEGE  
NAGAPATTINAM - 611 002.

*[Signature]*  
Principal

# E.G.S. PILLAY ENGINEERING COLLEGE,

Nagapattinam - 611 002.

Dept: CIVIL

Vr. No.:

**VOUCHER**

Lab/WS: *consultancy work SOS*

Date: *7.11.17*

Particulars	Rs.	Ps.
Paid to Thiru <i>Alamelumangai (in civil)</i>		
Towards <i>Remuneration</i>		
A sum of Rupees <i>Eight thousand and Five</i>	8,500	
<i>Handed over by</i>		
Received payment	8,500	

Received payment

Signature of Payee *[Signature]*  
ACCOUNTS OFFICE  
E.G.S. PILLAY ENGINEERING COLLEGE  
NAGAPATTINAM - 611 002.

*[Signature]*  
Principal

**CONSULTANCY PROJECT**

**RCC RETAINING WALL TO ARREST WATER SEEPAGE IN THE NORTH SIDE POND**

**CONSULTANCY IN-CHARGE**

**Dr.R.Sivakumar M.E., Ph.D.,**

HEAD OF THE DEPARTMENT

**Prof.V.Srinivasan M.E.,**

Assistant Professor

DEPARTMENT OF CIVIL ENGINEERING

2017 – 2018

E G S PILLAY ENGINEERING COLLEGE

NAGAPATTINAM – 611 002

TAMILNADU

<http://www.egspeg.org>

Ph.04365-251112

## CONTENTS

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**E. G.S.PILLAY ENGINEERING COLLEGE**  
NAGAPATTINAM - 611 002.

(An ISO 9001:2008 Certified Institution)  
(Approved by AICTE, New Delhi, Approved by Govt.of Tamil Nadu)  
(Affiliated to Anna University Chennai)



Ref.No: EGSPEC/MRW/2017/PO2/01

Date: 25.07.2017

to

Mr.S.BASKARAN  
Village Director,  
M/s SOS Children's Village,  
Nagapattinam - 611 001

ir,

Subject: Commercial Building Maintenance, Repair and Retaining wall work.

We are Happy to inform you that we are doing Construction and Repair work for commercial and Retaining wall work. Hence we request you to kindly give a positive response from your side. We enclosed the Broucher.

Thank You.



*V.Srinivasan*  
Yours faithfully,  
(V.SRINIVASAN)

Contact Details,

V.SRINIVASAN  
AP/CIVIL  
E G S Pillay Engineering College,  
Nagapattinam.  
Mail : [ikd070814@gmail.com](mailto:ikd070814@gmail.com)  
Contact : 7200621474







## E. G.S.PILLAY ENGINEERING COLLEGE

NAGAPATTINAM - 611 002.

(An ISO 9001:2008 Certified Institution)

(Approved by AICTE, New Delhi, Approved by Govt. of Tamil Nadu)

(Affiliated to Anna University Chennai)



Ref.No: EGSPEC/MRW/2017/PO2/01

Date: 25.07.2017

To

Mr.S.BASKARAN  
Village Director,  
M/s SOS Children's Village,  
Nagapattinam – 611 001

Sir,

Sub: Commercial Building Maintenance, Repair and Retaining wall work.

We are Happy to inform you that we are doing Construction and Repair work for commercial and Retaining wall work. Hence we request you to kindly give a positive response from your side. We enclosed the Broucher.

Thank You.




*V. Srinivasan*  
Yours faithfully,

(V.SRINIVASAN)

Contact Details,

V.SRINIVASAN  
AP/CIVIL  
E G S Pillay Engineering College,  
Nagapattinam.  
Mail : [ikd070814@gmail.com](mailto:ikd070814@gmail.com)  
Contact : 7200621474



 **SOS CHILDREN'S  
VILLAGES  
INDIA**

To

The HOD,  
Department of civil Engineering,  
E G S Pillay Engineering College,  
Nagapattinam.

Nagapattinam, Aug 01<sup>st</sup> 2017

Sir,

Sub: RCC Retaining wall work - Reg.

Thank you for your interest. We received your requisition letter and we accept your request, This is to inform you that to give the permission to do the new RCC retaining wall to arrest water seepage in the North side pond in SOS Village, Nagapattinam.

Please send your project proposal as early as possible.

Thanking You,

SOS Village Nagapattinam,  
Club Road,

+91 811001.  
+91 248100  
srensvillages.in

*V. Srinivasan*

*A. Bal*

**A loving home for every child**



# E. G.S.PILLAY ENGINEERING COLLEGE

NAGAPATTINAM - 611 002.

(An ISO 9001:2008 Certified Institution)

(Approved by AICTE, New Delhi, Approved by Govt.of Tamil Nadu)

(Affiliated to Anna University Chennai)



Ref: EGSPEC / CW / 0508 / PO2 / 02

Date :05.08.17

To

Mr.S.BASKARAN

Village Director,

M/s SOS Children's Village,

Nagapattinam – 611 001

Sir,

We are Happy to inform you that here with we attached complete project proposal for your reference and fix one date for discussing about the project details.

Thanking you.

*V. Srinivasan*  
Yours faithfully,

(V.SRINIVASAN)

Contact Details,

V.SRINIVASAN

AP/CIVIL

E G S Pillay Engineering College,

Nagapattinam.

Mail : [ikd070814@gmail.com](mailto:ikd070814@gmail.com)

Contact : 7200621474



## PROJECT PROPOSAL

01	Title of the project	RCC Retaining Wall to Arrest Water Seepage in the North side Pond .
02	Type of the project	CONSULTANCY WORK
03	Name & Designation of the project coordinators	Dr.R.Sivakumar Associate Professor/HoD-civil Mr.V.Srinivasan AP/civil
04	Postal address of the principal investigator	Old nagore Road, thethi village, Nagore-post, Nagapattinam-611002
05	Contact phone number of the project coordinators	Mr.V.SRINIVASAN Project coordinators Contact No.7200621474 Email:ikd070814@gmail.com
06	Name of the institution/Organization in which the project will be carried out	E.G.S Pillay Engineering College, Nagapattinam.
07	Name of the other client involved in the project	SOS Children's Village, Nagapattinam.
08	Duration of the project	Oct 2017- May 2018 (8 months)
09	Total cost of project proposal(details to be furnished in the prescribed format)	Enclosed separately-Annexure 1
10	An abstract not exceeding one page describing the background, objectives methodology year wise budget	Enclosed separately-Annexure 2
11	Project work plan	Enclosed separately-Annexure 3
12	Facilities available at the Institution/Organization to carry out the project	Concrete lab, Consistency Test
13	Expected outcome	Enclosed separately-Annexure 4

Place: Nagapattinam

Date: 05.08.17.

Signature of the  
**Dr. R. Sivakumar, M.B.A., M.E., Ph.D.**  
Associate Professor & Head  
Department of Civil Engineering,  
E.G.S Pillay Engineering College,  
Nagapattinam.

Signature of Consultant in charge



Signature of the  
Head of the Institution



With seal  
**PRINCIPAL**  
E.G.S. Pillay Engineering College,  
Nagapattinam.



**SOS CHILDREN'S  
VILLAGES  
INDIA**

To

The HOD,  
Department of civil Engineering,  
E G S Pillay Engineering College,  
Nagapattinam.

Nagapattinam, Aug 7<sup>th</sup> 2017

Sir,

Sub: Discussion of Newly construct the Retaining Wall Structure – Reg.

As per your request I will come and discuss with you on 10.08.2017. Kindly  
arrange necessary documents for discussion.

Thanking You.

SOS Children's Village Nagapattinam,  
V Club Road,

+611001.  
5-248100  
srensvillages.in

*V. Srinivasan*


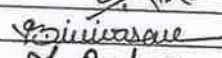
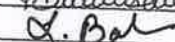
*A. Bal*

A loving home for every child

### MINUTES OF MEETING - 1

PURPOSE OF MEETING	CONSULTANCY WORK
Project title	RCC Retaining Wall to Arrest Water Seepage in the North side Pond.
Project Reference No.	EGSPEC/CW/2019/PO2/01
Meeting No.	01
Date	12.05.18
No. of Attendees	03

### MEMBERS PRESENT


SL.NO	NAME	DESIGNATION	SIGNATURE
01	Prof.R.Sivakumar	HoD / Civil	
02	V.Srinivasan	Professor / Civil	
03	S.Baskar	SoS / MD	

### Point Discussed

- ❖ We discussed about the leaking of roof, tank, sump, etc., is a cause for immediate concern because small crack term into much ones in as little has a night.
- ❖ Gravity play on interesting roll in spreading crack and gravitational pressure is highest in roof top. Hence repairing requires is right at the moment.
- ❖ Consultancy in charge need to have a regular visit to Pondicherry where the problems arise.
- ❖ Every three months once, progress report about construction need to given by the Clint.

Minute by: V.Srinivasan



  
 HOD / CIVIL  
**Dr. R. SIVAKUMAR, M.B.A., M.E., Ph.D.**  
**Professor & Head,**  
**Department of Civil Engineering,**  
**E.G.S. PILLAY Engineering College,**  
**Nagappattinam.**





**E.G.S. PILLAY ENGINEERING COLLEGE,**  
**OLD NAGORE ROAD,**  
**NAGAPATTINAM, TAMIL NADU - 611002, INDIA**  
 Tel: 91-4365-251112, 251114 Fax: 91-4365-251114  
 Email: principal.egspec@gmail.com Web: http://egspec.org

**FORM NO. CW/F-01**

**Ref.No.EGSPEC/MPW/2017/PO2/01**

*For Office Use Only*

**Project Assignment Proposal and Agreement Form**

**PART-A**

**NAME OF THE PROJECT** *(Kindly fill in BLOCK letters)*

**RCC RETAINING WALL TO ARREST WATER SEEPAGE IN THE NORTH SIDE POND IN SOS VILLAGE - NAGAPATTINAM**

**PERSON IN CHARGE**

Name: **V SRINIVASAN** Designation: **ASSISTANT PROFESSOR**  
 Department/Centre: **CIVIL / EGSPEC** **NAGAPATTINAM**  
 Phone: Mobile: **72006 21474** Email: **ikd070814@gmail.com**

**STARTED TIME SCHEDULE**

Start Date: **Years Months Weeks Starting Date:**  
**7 - May 2018 00 08 10/08/2017**

**CLIENT DETAILS** *(Kindly fill in BLOCK letters)*

Name: **M/s SOS Children's village** Contact Person's Name: **Mr. S.BASKARAN**  
 Address: **54, Bungalow club rd, Kadambady, Nagapattinam.** Designation: **Village Director**  
 Phone: **04365-248100** Fax: **04365-248100** Web: **soschildrensvillages.in**

**CHARGES AND PAYMENT DETAILS**

Payment: → **By Cheque** **By Draft** **Telegraphic Transfer**  
 Currency: → **Indian Rupees** **Foreign → Country:** **Currency:**  
 Payment enclosed: → **Full Payment** **Part Payment**  
 Total Value (in figures) **768000/-** **Total Value (in words) SEVEN LAKHS AND SIXTY EIGHT THOUSAND ONLY** **Bank's Name and Branch :**  
 Cheque No. **DD/Cheque Amount : 768000/-** **DD/Cheque Date:**

**AGREEMENT OF THE PROJECT** *(attach separate sheet, if necessary)*

**AGREEMENT BETWEEN CLIENTS**

This agreement is subject to the Standard Terms and Conditions (Annexure) for undertaking projects at EGS Pillay Engineering College, Nagapattinam. Signatures of the client may be obtained and submitted on the Standard Terms & Conditions to certify that he/she has gone through these and agrees to be bound by them.

Signature of the In-charge: *[Handwritten Signature]*  
 Date:





**PART - B**

**DETAILS OF THE CONSULTANT INCHARGE AND CO-CONSULTANT INCHARGES(S)**

	Employee's Name	Designation	Department	Signature
	Dr. R.SIVAKUMAR	HOD	CIVIL	
-CI:	Mr. V.SRINIVASAN	ASST.PROFESSOR	CIVIL	<i>V. Srinivasan</i>
-CI:	Mr.S.BASKARAN	MD	SOS VILLAGE	
-CI:				

**TYPE OF PROJECT (Please any one of the following)**

Type A: Product/Process development and advice/report based on significant research and development.

Type B\*\*: Testing and Interpretation, Design Checking etc.

\*Head of the Dept. will decide, if the consultancy falls in the Type B category. In case of a doubt, Principal will decide the classification in consultation with the CI and the concerned Head of the Dept..

**SECTOR OF THE CLIENT ORGANISATION (Please any one of the following)**

Private Sector : YES      Public Sector      Govt. Sector      Foreign Organization

**BREAK UP OF TOTAL CHARGES**

	Budget Head Description	Budget Code	Amount (Rupees)
(I)	<b>EXPENSES</b> Recurring/Non-Recurring (Salary/Cost of Labour, Honorarium to Staff/Outside Consultants, Travel, Contingency, Consumables, Equipments, Materials, etc.)	EXPENSES	589000.00
(II)	<b>FEE FOR SCIENTIFIC &amp; TECHNICAL ADVICE</b>	FEESTA	145410.00
(III)	<b>INSTITUTE CHARGES</b> (Type A: 10% of (I) + 50% of (II), Type B: 10% of (I) + 100% of (II))	INSTOHS	10550.00
(IV)	<b>TOTAL CHARGES (I+II+III)</b>		<b>744960.00</b>
(V)	<b>SERVICE TAX @ 12% OF IV(Total Charges)</b>		
(VI)	<b>EDUCATION CESS @ 3% OF V(Service Tax)</b>		23040.00
(VII)	<b>GROSS AMOUNT (IV+V+VI)</b>		<b>768000.00</b>

*[Signature]*  
**Dr. R. SIVAKUMAR, M.B.A., M.E., Ph.D.**  
 Professor & Head,  
 Department of Civil Engineering,  
 E.G.S. PILLAY Engineering College,  
 Nagappattinam.



*[Signature]*  
 Signature of the In-charge  
 Date: 12.5.17

**ANNEXURE FOR**  
**FORM NO.CW/F-02 (CONSULTANCY FORM)**



**E.G.S. PILLAY ENGINEERING COLLEGE,**  
**OLD NAGORE ROAD,**  
**NAGAPATTINAM, TAMIL NADU - 611002, INDIA**  
Tel: 91-4365-251112, 251114 Fax: 91-4365-251114  
Email: principal.egspec@gmail.com Web: <http://egspec.org>

**STANDARD TERMS AND CONDITIONS OF CONTRACT FOR CONSULTANCY**

**Title of the Consultancy Job:**

**RCC Retaining wall to Arrest Water seepage in the north side Pond in SOS Village -  
Nagapattinam**

**Name & Address of the Client: Mr.S.BASKARAN, MD, SOS VILLAGE, NAGAPATTINAM.**

**Name and Dept. of the In-charge:**

**SRINIVASAN, AP/Civil, EGSPEC, Nagai.**

The Institute through the CI/Co-CI will plan the Project in consultation with the Client. These terms and conditions govern projects for the development of products, processes, field studies, model studies, calculations, economic and technical consulting and other forms of project of specific interest to the client. The conditions are binding unless otherwise agreed upon in a separate signed document.

**DECLARATION:** All work undertaken by the Consultant In-charge (CI)/Co-Consultant In-charge (Co-CI) at EGS Pillay Engineering College, Nagapattinam (EGSPEC, Nagai) as part of the project will be in good faith and based on material/data/other relevant information given by the client requesting for the work.

**RESPONSIBILITY/LIABILITY:** The Institute through CI/Co-CI undertakes to carry out the project as conscientiously as conditions allow, but accepts no economic responsibility whatsoever, should the work not lead to expected results. EGSPEC, Nagai shall not be held liable for any loss, damage, delay or failure of performance, resulting directly or indirectly from any cause, which is beyond its reasonable control (Force Majeure). The liability of EGSPEC, Nagai shall be limited to the funds received for the project.

**DISCRETION:** The Institute through CI/Co-CI undertakes to handle with discretion reports, results, the identity of the Client and all material specifically treated/marked confidential which the client places at the disposal of the CI/Co-CI in connection with the project at EGSPEC, Nagai, subject to Right to Information rules/regulations.

**SUB-CONTRACTING:** The Institute reserves the right to allow any work in connection with the project, experimental or otherwise, to be carried out by a third party as per Institute norms and procedures, provided this does not result in the danger of information of a confidential nature coming into the hands of unauthorized persons.

**RESULT OF THE PROJECT:** The results of all work done at the Institute by the CI/Co-CI in connection with the project, incorporated in written reports shall remain the property of the Client. Results arrived at with little or no involvement on the part of the Client are available free of charge for the Client's own use. However, the CI/Co-CI/Institute reserves the right to use such results in connection with activities outside the scope of the project. If the Client consists of several individuals, all questions of Client, rights between the Clients must be settled between such individuals, and are of no concern to the CI/Co-CI/Institute. Unless otherwise agreed, all reports are to be sent to the Client. The CI/Co-CI/Institute has the right to retain a copy.



6. **INTELLECTUAL PROPERTY RIGHTS:** All rights pertaining to any intellectual property generated/created/invented in the due course of the project, will be the joint property of EGSPEC, Nagai and the Client. Terms and conditions regarding transferring/assigning/selling these rights to the Client shall be governed by a separate written agreement if required.
7. **PUBLISHING THE RESULTS/OUTCOME OF THE CONSULTANCY:** The results/outcome of the consultancy shall not be exploited by the Client organization for its business interests by using EGSPEC, Nagai's name/logo through press advertisement/publicity material or in any other manner. Manuscripts of academic papers, brochures, advertisements or other form of published material which refer to or quote the proprietary results of the project shall be vetted by both parties before publication.
8. **COMMUNICATION OF RESULTS TO A THIRD PARTY:** The CI/Co-CI may not, without the written agreement of the Client, communicate the results of the project to a third party. The Client shall arrange the necessary written agreement of all parties on the Client's side who may have publication rights with respect to the project.
9. **PROJECTS FOR OTHER CLIENTS:** The Institute may undertake other projects in the same field provided – to the best of its knowledge and belief – there exists no danger of information of a confidential nature coming into hands of a third party.
10. **APPARATUS:** Instruments and/or equipment obtained in connection with the project and charged to the client remain the property of EGSPEC, Nagai, unless otherwise it is specifically agreed to by the Institute.
11. **TERMINATION OF THE PROJECT:** The Client has a right to terminate the project at any time, but shall be liable for all reasonable expenses incurred in connection with halting work already in progress according to the agreed work programme. The decision of EGSPEC, Nagai shall be final as far as reasonableness of the expenses is concerned. The Institute has also the right to terminate the project at any time except where otherwise agreed upon. The Client in this case will not be liable for any expenses incurred after the termination.
12. **PAYMENT:** The payment of consultation charges to EGSPEC, Nagai are to be made in advance and in full before the start of the project, through a demand draft/crossed valid cheque drawn in favour of the Principal, EGS Pillay Engineering College, Nagapattinam and sent to the Consultant. The charges will also include any applicable tax as prescribed by the Government of India or the Government of Tamil Nadu (or any other statutory body) from time to time.
13. **DISPUTES:** In the event of any dispute or difference between the parties hereto, such dispute or differences shall be resolved amicably by mutual consultation. If such resolution is not possible, then the unresolved dispute or difference shall be referred to a sole arbitrator to be nominated by the Director of the Institute for a reasoned Award. The seat of arbitration shall be within the campus of EGSPEC, Nagai and the language of arbitration shall be English. The Award of the arbitrator shall be binding on the parties to the dispute.
14. **DISCLAIMER:** The report on the consultancy project is the technical opinion of the CI/Co-CI based on his/their expertise in the particular area of research and in no way reflects the view(s) of EGSPEC, Nagai. EGSPEC, Nagai is not responsible for the accuracy or completeness of the report and the role of the Institute is limited to providing administrative support to the project.
15. **SERVICE TAX:** As per Service Tax Act of G.O.I., the service tax plus education cess will be levied on total consultancy charges and this amount is to be borne by the Client (The Service Tax applicable today is 12.36%).

*V. Srinivasan*  
V.SRINIVASAN

Name & Signature of Incharge

(with office seal)

*S. Bal*

Name & Signature of Client

(with office seal)

Date:25/07/2017

Place:

NAGAPATTINAM



Annexure-1

DETAILS OF BUDGET

SI.NO	DISCRIPTION	TOTAL
A	Payment for consultancy in charger for 240 R.ft(Rs.3200 / R.ft)	5,89,000.00
B	Equipment, Materials testing, etc.,	45,000.00
C	Consumable and labour charges	95,000.00
D	Travel, Contingency, etc.,	28,450.00
E	Total of A+B+C+D	7,57,450.00
F	Institutional overhead (Including service Tax, Education cuss, etc.)	10,550.00
G	Total cost of project(E+F)	7,68,000.00


Annexure-2

ABSTRACT

Project Coordinator : V.Srinivasan M.E., Assistant Professor  
Project Name : Retaining Wall  
Name of the company : SOS Village, Nagapattinam.  
Name of the Work : Consultation and supervision

1. In the construction field leakage use one of the main problem. In SOS Children's village consistency working leakage in the Existing Retaining wall and basement etc.,. The approached for a consultation recording leakage problem. I accepted and provide them a consultation with Newly construct the RCC Retaining wall for arresting leakage .the consultation charge is 3200.00Rs./ R.ft rate. The total length is 240 R.ft for this project and the payment Rs.768000/-get in the form of 3 part of Payment cheque from the SOS Children's Village, Nagapattinam.



  
Dr. R. SIVAKUMAR, M.B.A., M.E., Ph.D.  
Professor & Head,  
Department of Civil Engineering,  
E.G.S. PILLAY Engineering College,  
Nagapattinam.

---

## WORK PLAN

### METHODOLOGY

This is the case study of arrest the leakage in the retaining wall of building coastal region. It also involves analysis, evaluation and finds solution for the durability problems in leakage in the Retaining Wall.

Among them educational building, residential buildings, public building are included.

The building surveyed is situated at the distance around 3km.

During survey many type of cracks, corrosion and patches are identified.

### OBJECTIVES

Increase the durability and strengthening of existing Retaining Wall . Newly constructed the Retaining wall methods. Post retro fitting's elevation for behaviour of the structure health assessment of the existing structure in adherence with latest tools.

### CONSTRUCTION MATERIALS

Cement

Steel

Sand

Aggregates materials

Water

### AGGREGATE EXPENSIONS

Magnesium carbonate compounds react with hydroxyl ions yields magnesium Hydroxide and carbonite ion.

These cause destruction of material. Mechanical damage erosion may occur.



## EXPECTED OUTCOMES

- ❖ Leakage problem permanently solved.
- ❖ Preventive measures were given.
- ❖ 25% of maintenance cost will be saved.
- ❖ Durability of the structure will be extended.

### 2. Bio-Data of the coordinators




1. Name : V.Srinivasan
2. Gender : Male
3. Date of Birth : 05.07.1978
4. Designation & Affiliation : Assistant Professor / civil
5. Postal Address : 139/2, Vicknapuram, Avaranipuducherry post, Sikkal-via, Nagapattinam-DT, PIN-611108
6. Contact Number : 72006 21474
7. Email Id : [ikd070814@gmail.com](mailto:ikd070814@gmail.com)
8. Field Experience : 14 years in planning & execution
9. Qualification :

Sl.No.	Degree	Institution	Year
01	B.E., CIVIL	Raja college of Engg&Tech., Madurai	2001- 2004
02	M.E., Struct	SRV Engg. College. Sembodai. Nagapattinam	2015 - 2017

10. Employment Experience : 14 Months (E.G.S Pillay Engineering College, Napattinam)



  
**Dr. R. SIVAKUMAR, M.B.A., M.E., Ph.D.**  
 Professor & Head,  
 Department of Civil Engineering,  
**E.G.S. PILLAY Engineering College,**  
**Nagapattinam.**



**SOS CHILDREN'S  
VILLAGES  
INDIA**

THREE MONTHS PROGRESS REPORT

To

The HOD,  
Department of civil Engineering,  
E G S Pillay Engineering College,  
Nagapattinam.

Nagapattinam, Mar 24<sup>th</sup> 2018

Sir,

S.No	DATE	MEMBERS	LOCATION	SIGNATURE
01	Nov 10' 2017	V.Srinivasan	SOS Village, Nagai	<i>V. Bal</i>
02	Jan 20' 2018	V.Srinivasan	SOS Village, Nagai	<i>V. Bal</i>
03	Mar 15' 2018	V.Srinivasan	SOS Village, Nagai	<i>V. Bal</i>

1. We will test the quality the quality may become bad due to bad weather like rain storm, high wind etc. We will analyses the quality every three months after constructing the Retaining wall .
2. If required we will replace asphalt shingle due to wear and tear.
3. Periodically we will check the ventilation of to help prevent cracks and off of shingles.

*V. Srinivasan*

*V. Bal*



**SOS CHILDREN'S  
VILLAGES  
INDIA**

To

The HOD,  
Department of civil Engineering,  
E G S Pillay Engineering College,  
Nagapattinam.

Nagapattinam, Nov 10<sup>th</sup> 2017

Sir,

I would like to express my greetings and wishes to Mr.V.Srinivasan our consultant for Newly constructed Retaining wall . We are very much satisfied with his solutions and the way he handled the problem, his approach towards the workers, material management and last but not least all out time and money had been saved by providing economical solutions yet everlasting solution. We are completely satisfied. As per our contract, I send a cheque for Rs. 7, 68,000/- towards consultation fee.

Payment details,

Three Part of payments.

First Payment

A/c Number	:	0052053000107602
Cheque No.	:	379384
Date	:	27.10.2017
Bank	:	South Indian Bank
Amount	:	2,00,000/-

*V. Srinivasan*

*A. Bal*



दिसाउथ इन्डियन बैंक लिमिटेड  
The South Indian Bank Limited  
NEELA SOUTH STREET, NAGAPATTINAM - 611 002  
IFSC: SIBL0000252

valid for three months only

27102017  
D M M Y Y Y

या धारक को or Bearer

V. SRINIVASAN

रुपये TWO LAKHS ONLY

अदा करें ₹ 2,00,000.00

A/c. No. 0052053000107602

For SOS CHILDRENS VILLAGES OF INDIA NAGAPATTINAM

A/c PAYEE ONLY

SB PRIVILEGE

*[Signature]*  
Sr. Co-Worker / Village Director  
Authorised Signatory

MSLV " Payable at all branches "

⑈ 379384 ⑈ 6110590021: 107602 ⑈ 31

Bank Name : Lakshmi vilas Bank – Nagapattinam  
Payable at : Principal EGS Pillay Engg.College, Nagapattinam  
A/C Number : 0486 3600 0000 0198  
Collection Details : Cheque  
Date : 27.10.2017  
Cheque Number : 379384  
Amount : 2,00,000/-

*[Signature]*  
ACCOUNTS OFFICE  
EGS PILLAY ENGINEERING COLLEGE  
NAGAPATTINAM - 611 002.





**SOS CHILDREN'S  
VILLAGES  
INDIA**

To

The HOD,  
Department of civil Engineering,  
E G S Pillay Engineering College,  
Nagapattinam.

Nagapattinam, Feb 20<sup>th</sup> 2018

Sir,

I would like to express my greetings and wishes to Mr.V.Srinivasan our consultant for Newly constructed Retaining wall . We are very much satisfied with his solutions and the way he handled the problem, his approach towards the workers, material management and last but not least all out time and money had been saved by providing economical solutions yet everlasting solution. We are completely satisfied. As per our contract, I send a cheque for Rs. 7, 68,000/- towards consultation fee.

Payment details,

Second Bill Payment

A/c Number	:	0052053000107602
Cheque No.	:	379438
Date	:	15.02.2018
Bank	:	South Indian Bank
Amount	:	2,56,000/-

*V. Srinivasan*

*A. Bal*





दक्षिण भारत बँक लिमिटेड  
The South Indian Bank Limited  
NEELA SOUTH STREET NAGAPATTINAM - 611 001  
IFSC: SIBL0009052

Valid for three months only.

1 5 0 2 2 0 1 8  
D D M M Y Y Y Y

या धारक को or Bearer

V. SRINIVASAN

Rupee: TWO LAKHS AND FIFTY SIX THOUSAND ONLY

अदा करें ₹ 2,56,000.00

A/c. No. 0052053000107602

For SOS CHILDRENS VILLAGES OF INDIA NAGAPATTINAM

A/c PAYEE ONLY

SB PRIVILEGE

*[Signature]*

*[Signature]*  
Authorized Signatory

Sr. Co-Worker Please sign below

MSLV " Payable at all branches "

⑈ 379438 ⑈ 611059002⑈ 107602 ⑈ 31

Bank Name : Lakshmi vilas Bank – Nagapattinam  
Payable at : Principal EGS Pillay Engg.College, Nagapattinam  
A/C Number : 0486 3600 0000 0198  
Collection Details : Cheque  
Date : 15.02.2018  
Cheque Number : 379438  
Amount : 2,56,000/-

*[Signature]*  
**ACCOUNTS OFFICE**  
**EGS PILLAY ENGINEERING COLLEGE**  
**NAGAPATTINAM - 611 002.**



**SOS CHILDREN'S  
VILLAGES  
INDIA**

To

The HOD,  
Department of civil Engineering,  
E G S Pillay Engineering College,  
Nagapattinam.

Nagapattinam, Jun 25<sup>th</sup> 2018

Sir,

I would like to express my greetings and wishes to Mr.V.Srinivasan our consultant for Newly constructed Retaining wall . We are very much satisfied with his solutions and the way he handled the problem, his approach towards the workers, material management and last but not least all out time and money had been saved by providing economical solutions yet everlasting solution. We are completely satisfied. As per our contract, I send a cheque for Rs. 7, 68,000/- towards consultation fee.

Payment details,

Three Part of payments.

Third & Final Bill Payment

A/c Number	:	0052053000107602
Cheque No.	:	379439
Date	:	20.06.2018
Bank	:	South Indian Bank
Amount	:	3,12,000/-

*V. Srinivasan*

*A. Bal*



वि. साउथ इंडियन बँक लिमिटेड  
 The South Indian Bank Limited  
 NEELA SOUTH STREET, NAGAPATTINAM - 611 001  
 IFSC: SIBL0000152

Valid for three months only  
 2 0 0 6 2 0 1 8  
 D D M M Y Y Y Y

V SRINIVASAN

या धारक को or Bearer

Rupee THREE LAKHS AND TWELVE THOUSAND ONLY

अदा करें ₹ 3,12,000.00

No. 0052053000107602

For SOS CHILDRENS VILLAGES OF INDIA NAGAPATTINAM

A/c PAYEE ONLY

SB PRIVILEGE

*[Signature]*  
 Sr. Controller Finance Village Director  
 Authorised Signatory  
 Please sign above

MSLV " Payable at all branches "

⑈ 379439⑈ ⑆ 110590026 107602⑈ 30

Bank Name : Lakshmi vilas Bank – Nagapattinam  
 Payable at : Principal EGS Pillay Engg.College, Nagapattinam  
 A/C Number : 0486 3600 0000 0198  
 Collection Details : Cheque  
 Date : 20.06.2018  
 Cheque Number : 379439  
 Amount : 3,12,000/-

*[Signature]*  
**ACCOUNTS OFFICE**  
**EGS PILLAY ENGINEERING COLLEGE**  
**NAGAPATTINAM - 611 002.**



EGS PILLAY ENGINEERING COLLEGE, NAGAPATTINAM.

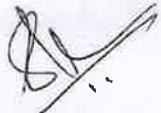
DEPARTMENT OF CIVIL ENGINEERING

UTILIZATION CERTIFICATE


Name of the project	Retaining Wall
Name of the coordinators	V.Srinivasan
Name of the Agency	SOS Village, Nagapattinam
Type of Project	Consultancy Project
Duration	Oct 2017 – May 2018
Project cost	7,68,000 /-

This certificate is an acknowledgement of the expenditure incurred in executing the minor project mentioned above. The Accounts duly submitted to the R&D cell and verified by the principal.

Sl.No.	Itemized list of expenses incurred	Amount (Rs)
1	Cost of Construction and Materials (-Rs. 2593.33 * 240 R.ft)	622400.00
2	Remuneration for two project coordinators(10 month*Rs.2000/Pm)*4	80000.00
3	Remuneration for technical Assistant(10 month*Rs.1000/Pm)*2	20000.00
4	Remuneration for student intern	20000.00
5	Travel	10000.00
6	Institution over head(Including service tax, Education cuss, etc)	15600.00
7	Total expenses incurred	145600.00
	Income generated through consultancy ( 1 + 7)	768000.00

  
**Dr. R. SIVAKUMAR, M.B.A., M.E., Ph.D.**  
Professor & Head,  
Department of Civil Engineering,  
E.G.S. PILLAY Engineering College,  
Nagapattinam.



  
**PRINCIPAL**  
E.G.S. Pillay Engineering College,  
Nagapattinam.

# E.G.S. PILLAY ENGINEERING COLLEGE,

Nagapattinam - 611 002.

Dept: CIVIL

Vr. No.:

Lab/WS: CONSULTANCY WORK

**VOUCHER**

Date: 31.10.17

Particulars	Rs.	Ps.
Paid to Thiru V. SRINIVASAN		
Towards..... DEMONSTRATION		
A sum of Rupees Twenty thousand only	20,000	00
Received payment	20,000	00

Received payment

Signature of Payee



Accounts Supdt

Secretary

Principal

ACCOUNTS OFFICE  
E.G.S. PILLAY ENGINEERING COLLEGE  
NAGAPATTINAM - 611 002.

# E.G.S. PILLAY ENGINEERING COLLEGE,

Nagapattinam - 611 002.

Dept: CIVIL

Vr. No.:

Lab/WS: constant work

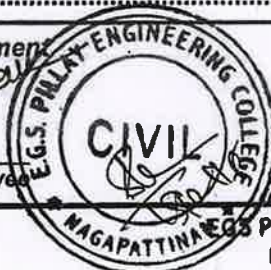
**VOUCHER**

Date: 19.02.18

Particulars	RS.	PS.
Paid to Thiru V. SRINIVASAN		
Towards..... DEMONSTRATION		
A sum of Rupees Twenty Thousand only	20,000	00
Received payment	20,000	00

Received payment

Signature of Payee



Accounts Supdt

Secretary

Principal

ACCOUNTS OFFICE  
E.G.S. PILLAY ENGINEERING COLLEGE  
NAGAPATTINAM - 611 002.



# E.G.S. PILLAY ENGINEERING COLLEGE,

Nagapattinam - 611 002.

Dept : CIVIL

Vr. No.:

**VOUCHER**

Lab/WS : *Consultancy work*

Date : *25.06.18*

Particulars	Rs.	Ps.
Paid to Thiru <i>V. Srinivasan</i>		
Towards <i>Remuneration</i>		
A sum of Rupees <i>Twenty Two Thousand only</i>	22,000	00
Received payment	22,000	00

Received payment

Signature of Payee



Accounts Supdt

Secretary

Principal

ACCOUNTS OFFICE  
E.G.S. PILLAY ENGINEERING COLLEGE  
NAGAPATTINAM - 611 002.

# E.G.S. PILLAY ENGINEERING COLLEGE,

Nagapattinam - 611 002.

Dept : CIVIL

Vr. No.:

**VOUCHER**

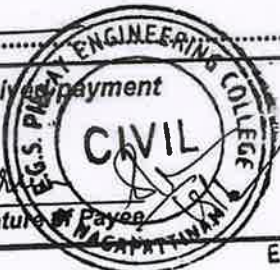
Lab/WS : *Consultancy work*

Date : *19.2.18*

Particulars	Rs.	Ps.
Paid to Thiru <i>Asst. 3rd year civil</i>		
Towards <i>Remuneration</i>		
A sum of Rupees <i>Ten Thousand only</i>	10,000	00
Received payment	10,000	00

Received payment

Signature of Payee



ACCOUNTS OFFICE

Secretary

Principal

E.G.S. PILLAY ENGINEERING COLLEGE  
NAGAPATTINAM - 611 002.

# EGS PILLAY ENGINEERING COLLEGE,

Nagapattinam - 611 002.

Vr. No.:

**VOUCHER**

Date : 25.6.18.....

*my name*

Particulars	Rs.	Ps.
<i>12<sup>th</sup> year chit</i>		
<i>Ar. A. No.</i>		
<i>in thousand only</i>	6,000	00
	6,000	00



*[Signature]*  
ACCOUNTS OFFICER

Secretary

*[Signature]*  
25/6/18  
Principal

EGS PILLAY ENGINEERING COLLEGE  
NAGAPATTINAM - 611 002



EARTH WORK MEASUREMENT



RETAINING WALL SHUTTERING WORK



**GOVERNMENT OF PUDUCHERRY  
OFFICE OF THE ASSISTANT ENGINEER  
ROADS SUB DIVISION P.W.D KARAİKAL**

No:-1787 /PW/SDR/KKL/2019-20

Dt.12.03.2020

To

**The Head of the Department.,**  
Department of Civil Engineering,  
EGS Pillay Engineering College,  
Nagapattinam.

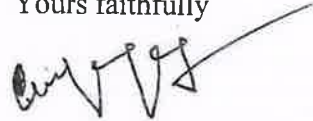
Sir,

**Sub:-** PW-AE(R)-KKL- Construction of Bridge across river Arasalar at Athipadugai village connecting Arulmozhidevan village in Thirunallar cluster, Karaikal – Testing of Concrete cube for Deck Slab Requested - Regarding

I am sending herewith the following samples of Concrete cube of Deck Slab the above said work for conducting necessary mandatory tests. In this connection it is requested that necessary test report of the same may be send to this office for taking further action please.

Grade of Concrete	:	RCC M30
Part of Structure	:	Deck Slab
Casting Date	:	13.02.2020
Cube test for	:	test for 28 days curing
Testing date	:	12.03.2020

Yours faithfully



**ASSISTANT ENGINEER (ROADS)  
P.W.D. KARAİKAL**

Encl: 1 set of 3 cubes

Copy Submitted to:- The Executive Engineer, B & R, Division, P.W.D, Karaikal – for kind information please.



**CONSULTANCY PROJECT**  
**ON**  
**AUTOGENIC EXAM SCHEDULING SYSTEM**

**WORK DONE BY**

**Mrs.VISALATCHY**

**ASSISTANT PROFESSOR**

**Mrs. N.ILAKKIYA**

**ASSISTANT PROFESSOR**

**DEPARTMENT OF MASTER OF COMPUTER APPLICATIONS**

**E.G.S PILLAY ENGINEERING COLLEGE**

**NAGAPATTINAM - 611 002,**

**TAMIL NADU**

**<http://www.egspec.org>**

**Ph: 04365 - 251112**

**CUSTOMER ADDRESS**

**THE CONVENER**

**EXAM CELL**

**E.G.S. PILLAY ENGINEERING COLLEGE**

**NAGAPATTINAM**

**E.G.S PILLAY ENGINEERING COLLEGE, NAGAPATTINAM**

**E.G.S PILLAY ENGINEERING COLLEGE  
DEPARTMENT OF MCA  
“AUTOGENIC EXAM SCHEDULING SYSTEM”**

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## E.G.S. PILLAY ENGINEERING COLLEGE (AUTONOMOUS)

NAGAPATTINAM – 611 002. TAMILNADU, INDIA

Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai  
(Accredited by NAAC with 'A' Grade and NBA)

Email: [principal@egspec.org](mailto:principal@egspec.org) website: [www.egspec.org](http://www.egspec.org) Ph: 04365-251112

Ref. No: EGSPEC/CW/MCA/AESS/2017/01

Date: 03/07/2017

To

The COE  
Convener / Exam Cell  
E.G.S. Pillay Engineering College(Autonomous)  
Nagapattinam


Sir

Sub: Consultancy Work – Reg

Greetings from EGS Pillay Engineering College, Nagapattinam

We are performing some consultancy work in our department to intervene the manual generated works. We come to know that your follows so many manual works during the examinations and you have large strength of students, if your want the thigs to be altered we are ready to support you .Also we enclose the details about us . Hence , we kindly request you to give an opportunity.

Thanking you,

 With Regards  
[Mrs. S.Visalatchy]

Contact Details

Mrs. S.Visalatchy  
Assistant Professor  
Department of MCA  
E.G.S. Pillay Engineering College  
Nagapattinam  
Contact NO 9698008348

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## 1. INSTITUTION PROFILE

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E.G.S Pillay Engineering College is a pioneering Engineering College, established in the year 1995, at Nagapattinam, which is a typical rural and backward area of Tamil Nadu. The institution was created by Late.G.S.Pillay. He was born on 2<sup>nd</sup> January, 1930 in a poor family. He was deprived of education due to his family circumstance. He went to Seychelles when he was 15 years old in search of employment for his livelihood. The E.G.S Pillay Engineering College, Nagapattinam was the first institution established by Mr.G.S.Pillay in the year 1995 aiming at providing world class education in engineering, fostering industrial prosperity and aiding the socio-economic development of the nation at large. The institution was affiliated to Bharathidasan University, Trichy during the years 1995 to 2006 and afterwards the affiliation is being accorded by the Anna University.

The college is located in the significant pilgrimage zone of south India covering Velankanni, Nagore and neighbour state Karaikal-Thirunallar. It is situated close to East Coast Road (ECR) between Karaikal and Nagapattinam and 2 km from Nagore. The nearest Railway station is Nagapattinam which has direct link with Chennai and Trichy. The nearest airport is Trichy which is 120 km away and that of Chennai is 350 km away.

The college is stepping into 19<sup>th</sup> year of excellent service in the year of 2014. Over these years, the college has attained commendable growth by developing itself in every aspect, in terms of academic programs, infrastructure development, staff recruitment, students admission, project and research activities, Transport, Training and Placement, centralized library, Sports and games etc.,

The college offers 6 UG degree program in B.E/B.Tech and 6 PG degree programs in M.E including MBA and MCA.

The Programs are

### **UG Courses:**

- B.E – Mechanical Engineering
- B.E – Civil Engineering
- B.E – Computer Science and Engineering
- B.E – Electrical and Electronics Engineering
- B.E – Electronics and Communication Engineering
- B.Tech – Information Technology

### **PG Courses:**

- Master of Business Administration
- Master of Computer Applications



M.E – Manufacturing Engineering  
M.E – Computer Science and Engineering  
M.E – Communication Systems  
M.E – Power Electronics and Drives

### **Vision of the Institute**

Envisioned to transform our institution into a "Global Centre of Academic Excellence"

### **Mission of the Institute**

- i. To provide world class education to the students and to bring out their inherent talents
- ii. To establish state-of- the-art facilities and resources required to achieve excellence in teaching-learning and supplementary processes
- iii. To recruit competent faculty and staff and to provide opportunity to upgrade their
- iv. knowledge and skills
- v. To have regular interaction with the Industries in the area of R&D and offer consultancy, training and testing services
- vi. To establish centers of excellence in the emerging areas of research
- vii. To offer continuing education and non-formal vocational education programmes that are beneficial to the society

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## 2. DEPARTMENT PROFILE

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The department of computer applications focuses on making industry ready IT professionals by imparting quality computer education along with excellent interpersonal skills. It offers 3 years Full time MCA course to the students. Started in the year of 2001, the course was approved by Bharathidasan University, Trichirappalli. In 2003, Anna University, Chennai recognized and approved the course. The current intake of students is 60 per academic year.

### DEPARTMENT VISION

To produce software professionals with Academic Excellence in Computer Applications

### DEPARTMENT MISSION

- To make software professionals and entrepreneurs by imparting quality computer education.
- To promote inter-disciplinary research among the faculty and the students to create state of art research facilities.
- To prepare the students to be professionally competent to face the challenges in the industry.

To promote quality and ethics among the students.

### Programme Educational Objectives (PEO)

The PEO of MCA programme are as follows.

PEO1: To employ solid foundation in mathematical and computing fundamentals and techniques to develop software solutions.

PEO2: To apply good computing breadth so as to comprehend, analyze, design and create computing solutions for the real-life problems and entrepreneurial skills with arich set of communication, teamwork and leadership skills to excel in their profession.

PEO3: To show continuous improvement in their professional career through life-long learning, understand the human values and ethics.

### IV Program Outcomes (PO)

#### Graduates will be able to

PO1:Apply knowledge of computing fundamentals, computing specialization, mathematics, and domain knowledge appropriate for the computing specialization to the abstraction and conceptualization of computing models from defined problems and requirements.

PO2: Identify, formulate, research literature, and solve *complex* computing problems reaching substantiated conclusions using fundamental principles of mathematics, computing sciences, and relevant domain disciplines.

PO3: Design and evaluate solutions for *complex* computing problems, and design and evaluate systems, components, or processes that meet specified needs with appropriate consideration for public health and safety, cultural, societal, and environmental considerations.

PO4: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions.

PO5: Create, select, adapt and apply appropriate techniques, resources, and modern computing tools to *complex* computing activities, with an understanding of the limitations.

PO6: Understand and commit to professional ethics and cyber regulations, responsibilities, and norms of professional computing practice.

PO7: Recognize the need, and have the ability, to engage in independent learning for continual development as a computing professional.

PO8: Demonstrate knowledge and understanding of the computing and management principles and apply these to one's own work, as a member and leader in a team, to manage projects and in multidisciplinary environments.

PO9: Communicate effectively with the computing community, and with society at large, about *complex* computing activities by being able to comprehend and write effective reports, design documentation, make effective presentations, and give and understand clear instructions.

PO10: Understand and assess societal, environmental, health, safety, legal, and cultural issues within local and global contexts, and the consequential responsibilities relevant to professional computing practice.

PO11: Function effectively as an individual and as a member or leader in diverse teams and in multidisciplinary environments.

PO12: Identify a timely opportunity and using innovation to pursue that opportunity to create value and wealth for the betterment of the individual and society at large.

## V. Program Specific Outcomes (PSO)

### Graduates will be able to

**PSO 1:** Apply software engineering principles in the design and development of web and mobile applications

**PSO 2:** Manage and analyze huge volume of data in real world problems

### Features of the Department

- Ensures quality and value based education
- Provides career guidance by the associating experts in the different fields
- Is renowned for its meticulous planning concerted efforts, competent and committed teaching faculty
- Enables extension / guest-lectures by the expertise in the various disciplines concerned
- Conducts academic programmer like tests, symposia, workshops, seminars etc
- Academic competitions like Paper presentation, essay writing, quiz etc.,
- Tours of academic interests
- Taps innovative talents, interests of its wards
- Conducts Weekly test, Short Answer Test and offers continuous evaluation of the performance of the students
- Remedial classes for slow learners
- Time to Time counseling by mentors
- Challenges students with extensive coaching of wide-ranging difficulty levels by conducting APTITUDE, REASONING tests
- Conducts class committee meetings
- Holds Parent-Teacher meetings
- Encourage the students to donate blood
- Conducts ENGLISH LITERARY ASSOCIATION PROGRAMME for the staff and students
- Ensure students participation in the Women Empowerment cell programs
- Sponsors the faculty for International/National Conferences/Seminars/Workshops, etc
- Personality development programs are conducted to improve student's soft skills
- Students are encouraged to do mini projects
- The department library has an extensive collection of academic books in the areas of latest technologies
- The department has stable, highly qualified and experienced staff members in the staff student ratio of 1:15

### Laboratory facilities

Each laboratory is fully equipped to meet the requirement of Anna University Syllabi. The students can train themselves in the Laboratories with the guidance of the faculty during and after the college hours. The laboratory facilities are constantly upgraded to take care of the technological Changes in the respective disciplines.

Department Servers and Software Details

- Microsoft Windows Server 2003



- Linux Fedora v19
- Oracle 11i Data base ServerWorkstations
- 471 Core i3 and Pentium based systems with multimedia facilities
- Capable of getting connected to all server and every other systems over TCP/IP backbone
- All systems having access with Internet/Intranet
- Software
- Microsoft Windows Server 2003
- CentOS 5.3 (For C & C++ programming and Script languages)
- Free BSD
- Oracle 11i
- IBM DB2
- PowerBuilder
- Sybase
- Microsoft Office 2007
- Microsoft Visual Studio 6.0
- Microsoft Visual Studio 2010
- Mathematica
- IDL (Image Processing Tools)
- MathCAD
- IBM Rational Suite and IBM Rational Architect
- Macromedia Flash and Dreamweaver
- Front Page Express
- Novell Netware
- Adobe Photoshop
- Network Simulator – 2 (Free Ware for Both Windows and Linux)
- .netbeans Developer
- Sun JDK, J2EE and J2ME
- Internet Facilities
- 16 Mbps leased line from Reliance

#### **Priority Research Areas**

1. Cloud Computing
2. Data Analysis
3. Data Mining and Warehousing
4. Network Security
5. Image Processing
6. Mobile Application Development
7. Ubiquitous Computing
8. Sensor Computing
9. Natural Language Processing
10. Green Computing



**E.G.S. PILLAY ENGINEERING COLLEGE(AUTONOMOUS)**  
**NAGAPATTINAM - 611002**  
Accredited by NAAC with 'A' Grade  
(An ISO 9001:2008 Certified Institution)  
(Approved by AICTE, New Delhi Affiliated to Anna University)  
Chennai



Ref. No: EGSPEC/CW/Examcell/AESS/2017/01

Date: 08/07/2017

To

Mrs. S.Visalatchy,  
Assistant Professor,  
Department of MCA,  
E.G.S. Pillay Engineering College,  
Nagapattinam.  
Contact NO 9698008348

**Respected Madam**

As a conversational expression of gratitude, we received your requisition letter we are in necessitate of (Autogenic Exam Scheduling System " software for our Department of of foreshorten the manual work. Since there are more number of students strength in our Exam cell, hope your project will satisfy our requirements as We are contrived to accept your request , we are awaiting for more details about your project as early possible

**Thanking you**

**Yours truly**

**[S.Krishnaram]**



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Chennai



Ref. No: EGSPEC/CW/MCA/AESS/2017/02

Date: 10.07.2017

To

The COE  
Convener / Exam Cell  
E.G.S. Pillay Engineering College(Autonomous)  
Nagapattinam

**Respected sir**

We have attached accomplished project proposal according to your kind reference. we hope that our project will be successful if have good communication between us. So I kindly request you to fix one date for discussing the project details .in this meeting we will discourse the following project requirements , documents .

We are waiting for your positive reply

**Thanking you**

**With regards**

  
**[Mrs. S.Visalatchy]**

Contact Details

Mrs. S.Visalatchy,  
Assistant Professor,  
Department of MCA,  
E.G.S. Pillay Engineering College,  
Nagapattinam.  
Contact NO 9698008348

### 1. PROJECT PROPOSAL

01	Title of the Project	:	Autogenic Exam Scheduling System
02	Type of the Project	:	Consultancy Work
03	Name & Designation of the Project Coordinators	:	<b>Mrs. S.Visaltchy AP/MCA</b> <b>Ms.N.ilakkiya AP/MCA</b>
04	Postal Address of the Principal Investigator	:	Old Nagore Road, Thethi Village, Nagore - Post, Nagapattinam - 611 002
05	Contact Phone numbers of the Project Coordinators	:	<b>Mrs. S.Visaltchy AP/MCA</b> Project Coordinator Contact No. 9698008348 Email:visalatchy@egspec.org
06	Name of the Institution / Organization in which the project will be carried out	:	E.G.S Pillay Engineering College, Nagapattinam
09	Duration of the Project	:	July 2017 - December 2017
10	Total Cost of the Project Proposal (details to be furnished in the prescribed format)	:	Enclosed separately - Annexure 1
11	An abstract, not exceeding one page describing the background, objectives methodology & year wise budget	:	Enclosed separately - Annexure 2
12	Project Work Plan	:	Enclosed separately - Annexure 3
13	Facilities available at the Institution / organization to carry out the project	:	Open Source Lab, Cloud Campus, Android Apps development Centre...
14	Expected Outcome	:	Enclosed separately - Annexure 4

Place: Nagapattinam

Date: 10.08.2017

Signature of Project Coordinator(s)

Signature of the

Head of the Department with Seal

**Dr.J.VANITHA**  
Head of the Department  
Department of MCA  
E.G.S. Pillay Engineering College  
Nagapattinam - 611 002.

Signature of the

Head of the Institution with Seal

**Dr. S. RAMABALAN, MCA, ...**  
**PRINCIPAL**  
**E.G.S. PILLAY ENGINEERING COLLEGE**  
**NAGAPATTINAM - 611 002.**



**Annexure - 1**

## Details of Budget

A	Description	Total(Rs)
	Expenses Recurring /Non -Recurring(salary/cost of labor, software development, Travel and others	29,000
B	Testing & Documentation charge	5,400
c	Institutional overhead charge(10%) of A+50%(B)	5,400
D	Total Charges(A+B+C)	39,400
E	Service Tax(12%)	4,728
F	Education Cess(3%) of(Service Tax)	141
G	Total Amount	44,269

## Annexure - 2

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### ABSTRACT

Enterprise resource planning (ERP) is a software tool used in an organization to collect, store, manage and interpret data. There are many ERP available till now in the market for product planning, purchase, manufacturing or service delivery, marketing and sales, inventory management, shipping and payment, finance, etc... so here we have designed a ERP which is only meant for education.

In this ERP we have different users like administrator, faculty, HOD, Dean, Director, Students. Each user has different activities in the ERP. If the ERP is used by students the activities are fill student form, course registration, fee deposit etc. If the user is a faculty the activities are fill faculty form, check student details for his/her course, upload marks, apply leaves, etc. If the user is HOD/Dean or Director then the user can check class status of any branch (at that time which class is going on and which faculty is taking the class), accept/reject leaves for faculty, publish notice etc.. The administrator is the king Of the ERP.

So the administrator can control over all the users. Some Extra features are also included in this project like students attendance; sending notifications via SMS.

We have designed this ERP using ASP.NET as front end (graphical user interface) and SQL SERVER as back end (Database).

**Annexure - 3**

## Work Plan

Phase	Cycle	Primary Objective	Scheduled start or milestone
Inception / Requirements Analysis	C1	<ul style="list-style-type: none"> <li>✓ Analyzing Requirements</li> <li>✓ Collecting Project Requirements</li> </ul>	July 2017
Elaboration	C2	<ul style="list-style-type: none"> <li>✓ Identifying Technical Assistant</li> <li>✓ Installation and Setup</li> </ul>	August 2017
Designing	C3	<ul style="list-style-type: none"> <li>✓ Designing Prototype Model</li> <li>✓ Project Review Status Preparation Submission</li> <li>✓ Project Modules Preparation</li> </ul>	September 2017
Implementation	C4	<ul style="list-style-type: none"> <li>✓ Start to develop Coding each Modules</li> <li>✓ Preparing Workspace model and verify with abstract.</li> <li>✓ Identify the Risk and Measure the values of on it.</li> </ul>	October 2017
Construction	C5	<ul style="list-style-type: none"> <li>✓ Complete the Project and meet with Abstract</li> <li>✓ Objectives and Outcome mapped with the Module</li> <li>✓ Project Final Phase meeting</li> </ul>	November 2017
Transitions /End	C6	<ul style="list-style-type: none"> <li>✓ Preparing Documentation Part</li> <li>✓ Final Project Presentation</li> </ul>	December 2017

**Annexure - 4**

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**Expected Outcomes**

- Improve Service Experience.
- Enhance Competitiveness.
- Modernize Business Processes and Systems.
- Automate Business Solutions.
- Increase Operating Efficiency.
- Provide Access to Standardized College Data.



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Chennai



Ref. No: EGSPEC/CW/Examcell/AESS/2017/02

Date: 15.07.2017

To

Mrs. S.Visalatchy,  
Assistant Professor,  
Department of MCA,  
E.G.S. Pillay Engineering College,  
Nagapattinam.  
Contact NO 9698008348

**Respected Madam**

Thanks for your concern, it will be favour for us if your can unionize the review meeting for the discussion for project proposal on 18.07.2017 . We hereby put the demand of following details such as project coordinators details, evaluations model and completed status for each module. I hope two move review will be arranged to check the progress of your consultancy work. It will be tentatively on 19.09.2017 and 15.10.2017 . We Would like to furnish the following requirements of us

- Calculate the seating arrangements
- Current /Arrear Exam Scheduling
- Develop the hall plan chart
- Special Analysis sections

Thanking you

Your truly

[convener/Exam Cell]





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Chennai



Ref. No: EGSPEC/CW/MCA/AESS/2017/03

Date: 19.09.2017

To

The COE  
Convener / Exam Cell  
E.G.S. Pillay Engineering College(Autonomous)  
Nagapattinam

Respected sir

We have successfully completed the seating Arrangement hall plan, Exam scheduling as per your requirements please kindly ensure and intimate us immediately for any changes .the remaining module will be completed as early as possible

Thanking you

With regards

[Mrs. S.Visalatchy]

Contact Details

Mrs. S.Visalatchy,  
Assistant Professor,  
Department of MCA,  
E.G.S. Pillay Engineering College,  
Nagapattinam.  
Contact NO 9698008348



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Chennai



Ref. No: EGSPEC/CW/Examcell/AESS/2017/03

Date: 24.09.2017

To

Mrs. S.Visalatchy,  
Assistant Professor,  
Department of MCA,  
E.G.S. Pillay Engineering College,  
Nagapattinam.  
Contact NO 9698008348

**Respected Madam**

Thank you we are selected with your project that you have so far completed .it will be informative to us if you completed the forth coming module within the tentative date as examinations are near the deadline

Thanking you

Your truly ,

[Convener/Exam Cell]

**[S.Krishnaram]**



**E.G.S. PILLAY ENGINEERING COLLEGE(AUTONOMOUS)**  
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Chennai



Ref. No: EGSPEC/CW/MCA/AESS/2017/04

Date: 15.10.2017

To

The COE,  
Convener / Exam Cell,  
E.G.S. Pillay Engineering College(Autonomous),  
Nagapattinam.

**Respected sir**

It gives me heart full of happiness to inform that our staffs has successfully completed the project work " Autogenic Exam Scheduling System" this project has been verified inour department preemies and worked properly

We respect you to make yourself convenient to see the demonstration of the student Examinationsystem and the after to release the payment 44.269 for this project

Thanking you

With regards

  
[Mrs. S. Visalatchy]

Contact Details

Mrs. S. Visalatchy,  
Assistant Professor,  
Department of MCA,  
E.G.S. Pillay Engineering College,  
Nagapattinam.  
Contact NO 9698008348



**E.G.S. PILLAY ENGINEERING COLLEGE(AUTONOMOUS)**  
**NAGAPATTINAM - 611002**  
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 (Approved by AICTE, New Delhi Affiliated to Anna University)  
 Chennai



Ref. No: EGSPEC/CW/Examcell/AESS/2017/04

Date: 11.12.2017

To

Mrs. S.Visalatchy,  
 Assistant Professor,  
 Department of MCA,  
 E.G.S. Pillay Engineering College,  
 Nagapattinam.  
 Contact NO 9698008348

**Respected Madam**

We congratulate you and your team for successful completion of the " Autogenic Exam Scheduling system software as per our requirements . we have completely satisfy

With the performance of the software after the demonstration given by your team to us on 27.11.2017

Hence as discussed we have enclosed a cheque no: 000523 date 11.12.2015 of Lakshmi vilas bank for Rs. 44.269/- favoring " The principal . E.G.S. Pillay Engineering College Nagapattinam

We once again felicitate the staff members' who have taken the project work and the faculty members

Thanking you

Your truly

[Convener/Exam Cell]

**[S.Krishnaram]**

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**MINUTES OF MEETING**

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**EGS PILLAY ENGINEERING COLLEGE (AUTONOMOUS)  
Nagapattinam  
DEPARTMENT OF MCA**

**PROJECT COORDINATORS LIST**

S.NO	NAME OF THE PROJECT	PROJECT COORDINATORS	STUDENT COORDINATORS
1,	AUTOGENIC EXAM SCHEDULING SYSTEM	Mrs. S.Visalatchy AP/MCA	Ramya.V
		Ms. N.Ilakkiya	Sindhu.K



**E.G.S. PILLAY ENINGEERING COLLEGE  
(AUTONOMOUS)  
Department of MCA  
UTILIZATION CERTIFICATE**


Name of the project	AUTOGENIC EXAM SCHEDULING SYSTEM
Name of the coordinator	Mrs. S.Visalatchy AP/MCA
	Ms. N.lakkiya
Name of the Agency	The Exam Cell, E.G.S. Pillay Engineering College, Nagapattinam
Type of the project	Software Project
Duration	Jul17 -Dec 17
Project cost	RS.44.269/-

Certified that I have satisfied myself that the conditions on which the grant in aid was offered have been duly fulfilled and that I have exercised the following checks to see hat the money was actually utilized for the purpose for which its was offered

Grant Sanctioned	Details of Expenditure incurred ites wise	Amount (Rs)
44269/-	1.Coordinator and Technical staff Honorarium	4,500,00
	2.working expenses (reprographics services, postage, transport daily wages tea/coffed etc.,)	500
	2. Contribution to institution	39,269
	Total	44,269/-
	Amount Received (Rs.)	44269/-
	Balance to be Received(Rs.)	-

Place : Nagapattinam

Date :

1. S. Visalatchy   
Name and Signature  
of Coordinator

2. N. ILAKKIYA 



Name and Signature of  
Head of Institution  
With seal

**Dr. S. RAMABALAN, M.E., Ph.D.,  
PRINCIPAL  
E.G.S. PILLAY ENGINEERING COLLEGE  
NAGAPATTINAM - 611 002.**



Branch: THANE  
THANE, Maharashtra - 400607  
IFSC Code: INDB0007129

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The Principal For Spec

या निरुद्ध को OR BEARER

forty four thousand Two hundred  
Sixty Nine Only

अदा करें

₹ 44,269.

FOR

0000118256

CBS Code: 01591

*[Signature]*  
AUTHORISED SIGNATORY/IES  
Please sign above

# E.G.S. PILLAY ENGINEERING COLLEGE,

Nagapattinam - 611 002.

Vr. No.:

## VOUCHER

Dept :

Lab/WS :

Date : 11/12/2017

Particulars	Rs.	Ps.
Paid to Thiru Mrs. Visalatchy, Mrs. N. Lakshya Towards Consultancy Project [Autogenic Exam Scheduling System] A sum of Rupees Sixty four thousand two Hundred Sixty Nine.	44,269	1
Received payment	44,269	1

Received payment

*[Signature]*  
Signature of Payee

*[Signature]*  
Accounts Supdt.

*[Signature]*  
Secretary

*[Signature]*  
Principal