

**E.G.S.PILLAY ENGINEERING COLLEGE (Autonomous),
NAGAPATTINAM – 611002.**

**Approved by AICTE and Affiliated to Anna University)
(An ISO 9001:2008 Certified Institution | Recognised by UGC 2(f) & 12 (B)**



NEWS LETTER

(January 2020 – December 2020 / Volume - 8; Issue-1)

DEPARTMENT OF MECHANICAL ENGINEERING

(NBA Accredited)



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

Ph: 04365-251114

E.G.S PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
(Autonomous)
Department of Mechanical Engineering (NBA Accredited)

Chairman

Smt.S.Jothimani G.S.Pillay, EGS Pillay Educational Institutions.

Secretary

Chev. S.Paramesvaran, M.Com., FCCA (London), EGS Pillay Educational Institutions.

Principal

Dr.S.Ramabalan, M.E., Ph.D.

Dean / Mechanical & Building sciences

Dr. S.Krishnamohan, M.E., Ph.D.

Head of the Department

Dr. G. Gurumoorthy, M.E., Ph.D.

Faculty Members

Sl. No	Name	Qualification	Designation
1	Dr. S. Ramabalan	M.E., Ph.D	Professor
2	Dr.S.Krishna Mohan	M.E., Ph.D	Professor
3	Dr.N.Ramanujam	M.Tech., Ph.D	Professor
4	Dr.G.Gurumoorthi	M.E., Ph.D	Professor
5	Dr. V.SivaramaKrishnan	M.E., Ph.D	Professor
6	Dr. V.Sivaraman	M.Tech., Ph.D	Professor
7	Dr.J.Jeevamalar	M.E., Ph.D	Asso. Prof
8	Dr. S. Chockalingam	M.E., Ph.D	Asso. Prof
9	Dr. V.Navaneethakrishnan	M.Tech, Ph.D	Asst. Prof
10	Mr.R.Sundar	M.Tech., (Ph.D)	Asst. Prof
11	Mr.G.Surendar	M.Tech.	Asst. Prof
12	Mr.V.Manathuanai Nathan	M.E., (Ph.D)	Asst. Prof
13	Mr.G.Sundaravadivel	M.E., (Ph.D)	Asst. Prof
14	Mr.B.ManiKandan	M.Tech., (Ph.D)	Asst. Prof
15	Mr.K.Senthil Nathan	M.Tech., (Ph.D)	Asst. Prof
16	Mr.G.Hari narayanan	M.E.	Asst. Prof
17	Mr.A.Arun Kumar	M.E., (Ph.D)	Asst. Prof
18	Mr.K.Balasubramanian	M.E.	Asst. Prof
19	Mr.S.Harishkirthi	M.E.	Asst. Prof
20	Mr. M.Subramaniyan	M.Tech.	Asst. Prof
21	Mr. N.Prabhu	M.E.	Asst. Prof
22	Mr. S.Muruges	M.E.	Asst. Prof
23	Mr. N.Manikandan	M.E.	Asst. Prof
24	Mr.S. Udhayamuthu	M.E.	Asst. Prof
25	Mr.K.Kathirvelan	M.E.	Asst. Prof
26	Mr.R.Balaj	M.E.	Asst. Prof
27	Mr.R.AshwinChakravarthy	M.E.	Asst. Prof
28	Mr.P.Kalaignar	M.E.	Asst. Prof
29	Mr.G.Ashokkumar	M.E.	Asst. Prof
30	Mr.S.Ramesh	M.E.	Asst. Prof

E.G.S PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
(Autonomous)
Department of Mechanical Engineering (NBA Accredited)

● **Department Vision**

To foster academic excellence in Mechanical Engineering Education and Research and turn out students into competent professionals to serve the society.

● **Department Mission**

M1: To produce successful mechanical engineers through innovative teaching and learning processes and by enhancing the knowledge and skills of faculty members and supporting staff through various training programmes.

M2: To establish state-of-the-art laboratories and centers of excellence to promote good quality education, research and consultancy for industrial and societal needs.

M3: Complementing the class room teaching with live projects, field works, seminars to build self learning, and lifelong learning capability, and to develop out of box thinking. Also, developing capability to adapt to evolving technological challenges, communicate effectively, work effectively as individuals and as team members and adhering to professional ethics.

● **About the Department**

The department of Mechanical Engineering was established in 1995. The department offers a under graduate B.E. (Mechanical Engg.) and a Post Graduate M.E. (Manufacturing Engg.) programmes. The department has approved as research centre by Anna University and Annamalai University. The department has highly qualified and experienced faculty. The department has well infrastructural facilities and has fully equipped laboratories with adequate hardware and software. The teaching faculties are active in conducting research and publishing the papers in reputed Journals and Conferences. The department has conducted six International Conferences and four AICTE sponsored Faculty Development Programs.

● **Courses Offered**

- ✓ B.E. – Mechanical Engineering
- ✓ M.E. – Manufacturing Engineering
- ✓ Ph.D. - Mechanical Engineering

● **Association Name**

- *Mechanical Engineering Association*
- *SAE Club*
- *IE Chapter*
- *Renewable Energy Club*

E.G.S PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
(Autonomous)
Department of Mechanical Engineering (NBA Accredited)

● **PROGRAM EDUCATIONAL OBJECTIVES (PEOs)**

PEO 1: Preparing the graduates to have successful career in mechanical and associated industries or becoming an entrepreneur or pursuing higher education and research.

PEO 2: Developing ability to apply fundamental technical knowledge and skills to find practical solutions to technological challenges and problems in core and allied areas of mechanical engineering.

PEO 3: Complementing the class room teaching with live projects, field works, seminars to build self learning, and lifelong learning capability, and to develop out of box thinking. Also, developing capability to adapt to evolving technological challenges, communicate effectively, work effectively as individuals and as team members and adhering to professional ethics.

● **PROGRAM OUTCOMES (POs)**

PO 1: Engineering knowledge: Apply the knowledge of mathematics, science, engineering fundamentals, and an engineering specialization to the solution of complex engineering problems.

PO 2: Problem analysis: Identify, formulate, research literature, and analyze complex engineering problems reaching substantiated conclusions using first principles of mathematics, natural sciences, and engineering sciences.

PO 3: Design/development of solutions: Design solutions for complex engineering problems and design system components or processes that meet the specified needs with appropriate consideration for the public health and safety, and the cultural, societal, and environmental considerations.

PO 4: Conduct investigations of complex problems: 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.

PO 5: Modern tool usage: Create, select, and apply appropriate techniques, resources, and modern engineering and IT tools including prediction and modeling to complex engineering activities with an understanding of the limitations.

E.G.S PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
(Autonomous)
Department of Mechanical Engineering (NBA Accredited)

PO 6: The engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

PO 7: Environment and sustainability: Understand the impact of the professional engineering solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO 8: Ethics: Apply ethical principles and commit to professional ethics and responsibilities and norms of the engineering practice.

PO 9: Individual and team work: Function effectively as an individual, and as a member or leader in diverse teams, and in multidisciplinary settings.

PO 10: Communication: Communicate effectively on complex engineering activities with the engineering community and with society at large, such as, being able to comprehend and write effective reports and design documentation, make effective presentations, and give and receive clear instructions.

PO 11: Project management and finance: Demonstrate knowledge and understanding of the engineering 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.

PO 12: Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change.

● **PROGRAM SPECIFIC OUTCOMES (PSOs)**

The Mechanical Engineering program aims at:

PSO1: Design, develop, test and maintain advanced thermal engineering systems for industrial and other applications.

PSO2: Apply the concepts of modern manufacturing and industrial engineering techniques in industries.

PSO3: Modeling, design and analysis of mechanical components using Computer Aided Design and Analysis software tools.

E.G.S PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
(Autonomous)
Department of Mechanical Engineering (NBA Accredited)

NSS ACTIVITIES

SL. NO.	DATE	ACTIVITY
1	02-01-2020	FOUNDER'S DAY CELEBRATION (TREE PLANTATION, FOOD DISTRIBUTION)
2	08-01-2020	CAMPUS CLEANING
3	09-01-2020	NATIONAL CONSUMER DAY
4	11-01-2020	PLASTIC AWARENESS PROGRAM
5	12-01-2020	YOUTH DAY CELEBRATION (SWAMI VIVEKANANDAR BIRTH DAY)
6	18.01.2020	POLIO AWARENESS RALLY
7	20-01-2020	VOTERS DAY AWARENESS SPEECH, DRAWING AND ESSAY COMPETITION PROGRAM CONDUCTED
8	23-01-2020	NETHAJI SUBASH CHANDRABOSE BIRTHDAY
9	25-01-2020	VOTERS DAY AWARENESS RALLY PROGRAM.
10	26-01-2020	REPUBLIC DAY CELEBRATION
11	29.01.2020	NATIONAL CONSUMER DAY
12	02-02-2020	FOREST DEPARTMENT AND NSS UNIT CREATE THE AWARENESS PROGRAM
13	06-02-2020	CHAIRMAN AMMA BIRTHDAY CELEBRATION. (BLOOD DONATION CAMP, HELP TO SATHIYA HOME ORPHONAGE AT NAHAPATTINAM, SEEDS PREPARATION FOR NEW TREE PLANTATION)
14	10.02.2020	CORONA AWARENESS PROGRAM
15	01-03-2020 TO 07-03-2020	NSS SPECIAL CAMP
16	05-03-2020	ROAD SAFETY AWARENESS PROGRAM AT NEW BUSTAND, NAGAPATTINAM.
17	07-03-2020	WOMEN'S DAY CELEBRATION

E.G.S PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
(Autonomous)
Department of Mechanical Engineering (NBA Accredited)

SL. NO.	DATE	ACTIVITY
18	Jan 2020 to March 2020	BLOOD DONATION AT GOVT HOSPITAL NAGAPATTINAM, VINAYAGA MISSION HOSPITAL KARAIKAL & MEDICAL CENTER TIRUVARUR.
19	20.6.2020	YOGA DAY COMPETITION
20	15.08.2020	INDEPENDENCE DAY CELEBRATION
21	14.09.2020	CHILDREN'S DAY PROGRAM
22	15.09.2020	ENGINEERS DAY
23	13.09.2020	TREE PLANTATION PROGRAM
24	19.09.2020	TREE PLANTATION PROGRAM
25	24.9.2020	NSS DAY
26	30.09.2020	BLOOD DONATION DAY
27	02.10.2020	GANDHI JAYANTI CELEBRATION
28	14.10.2020	ABDUL KALAM BIRTH DAY
29	29.10.2020	LEGAL AWARENESS PROGRAM (ONLINE)
30	31.10.2020	PLEDGE FOR UNITY DAY
31	31.10.2020	SARDAR VALLABAI PATEL BIRTH DAY
32	01.11.2020	VIGILANCE AWARENESS PROGRAM
33	21.11.2020	VOTERS AWARENESS DAY
34	01.12.2020	AIDS AWARENESS PROGRAM
35	03.12.2020	DISABILITY DAY
36	07.12.2020	ARMED FORCE FLAG DAY
37	05.12.2020	SOIL DAY
38	11.12.2020	BARATHIYAR BIRTH DAY
39	22.12.2020	MATHEMATICS DAY
40	23.12.2020	FARMERS DAY
41	26.12.2020	T-SUNAMI DAY

E.G.S PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
(Autonomous)
Department of Mechanical Engineering (NBA Accredited)

• **MoU with Industries**

SL.NO	INDUSTRY NAME	YEAR	PURPOSE OF MOU'S
1	Trione CADD, Chennai	Dec 2020	Supporting Softwares for Training, Installation and Maintain the Software, Conducting Training Program

• **Industry Involvement**

SL. NO.	DATE	COURSE NAME	TOPIC	INDUSTRIAL EXPERT	INDUSTRY NAME	BENEFICIARIES
01	20.07.2020	Heat And Mass Transfer	Concept of Industrial Heat exchangers	N. Anwar deen, MD	NSK Heat Exchangers PTE Ltd., Singapore	III MECH

• **Initiatives related to Industry Internship/Summer Training**

S.NO	DATE OF VISIT	NAME OF THE INDUSTRY/ INSTITUTION	TYPES OF INDUSTRY/ INSTITUTION	YEAR OF STUDENTS	NO .OF STUDENTS
1	06.01.2020	JOHNSON TILES,KARAIKAL	MANUFACTURING	III	05
2	13-01-2020	IOCL SOLAR PLANT, MUTTAM	ENERGY	II	133
3	02.10.20	TRIONE CADD	DESIGN	IV	01
4	10.11.20	SRI VINAYAGA SURFACE TREATERS	CHEMICAL	IV	02
5	12.11.20	MASS TECH,CHENNAI	MANUFACTURING	IV	05

E.G.S PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
(Autonomous)
Department of Mechanical Engineering (NBA Accredited)

• **The Institution of Engineers Events**

S.NO	TITLE	FACULTY CO-ORDINATOR NAME	DURATION OF THE ACTIVITY
1	Prospects of power plants in engineering life	Mr.G.Sundara vadivel	07.03.2020

STUDENTS ACHIEVEMENTS

• **Participation in Internship/In-Plant Training**

S.NO	NAME OF THE PARTNERING INSTITUTION/ INDUSTRY /RESEARCH LAB WITH CONTACT DETAILS	NO. OF STUDENTS	DURATION
1	TRIONE CADD, CHENNAI-600071	29	02-10-2020 to 11-10-2020, 05-12-2020 to 14-12- 2020
2	SRI VINAYAGA SURFACE TREATERS	03	10-11-2020 To 12-12-2020
3	SD PRO SOLUTIONS, TRICHY	25	18-1-2020 to 01-02-2020
4	MASS TECK , SP95, AMBATTUR INDUSTRIAL ESTATE, CHENNAI- 600058	05	12-11-2020 to 10-12-2020
5	MAHINDRA FIRST CHOICE SR CAAR CARE, CHIDAMBARAM	04	01.10.2020 to 31.10.2020

E.G.S PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
(Autonomous)
Department of Mechanical Engineering (NBA Accredited)

• **Participation in Inter-Institute Events**

S NO	STUDENT NAME	YEAR	TOPIC	DATE	PLACE
1	AKASH S ARUL J BALAVIGNESH R DEVARAJ R DHINAKAR R ELAYARAJA V HARIHARASUTHAN K JAYAPRAKASH J MANDRAVANAN V	III	Online Webinar On Recent Trends In Ic Engines	29.05.2020	RATHINAM TECHNICAL CAMPUS, COIMBATORE
2	ASHOK S	III	Explore Create And Analyse Chemical Data Using Cheminformatics Tools	10.06.2020	LADY DOAK COLLEGE MADURAI
			Global Challenges In New Product Development	11.06.2020	PAVAI ENGINEERING COLLEGE
			Covid-19 Technical Awareness	22.05.2020	AVC COLLEGE OF ENGINEERING
			National Level Technical E-Quiz On Electrical And Electronics Fundamentals	28.05.2020	SIR ISSAC NEWTON COLLEGE OF ENGINEERING AND TECHNOLOGY
			Online Quizophile 2020 Competition	23.05.2020	EGSPEC
3	ASHOK S	IV	State Level Online Quiz Competition On Hiv/Aiids & Sti And Covid 19	30.12.2020	TANSACS (TAMILNADU STATE AIDS CONTROL SOCIETY)
4	ASHOK S	III	Online Quiz On Green Chemistry	23.05.2020	HOLY CROSS COLLEGE NAGARKOVIL
			Online Webinar On Civil Service As Career Option?	28.06.2020	EGSPEC

E.G.S PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
(Autonomous)
Department of Mechanical Engineering (NBA Accredited)

• **Participation in Inter-Institute Events**

S NO	STUDENT NAME	YEAR	TOPIC	DATE	PLACE
5	SANTHOSH L	III	Step Into Robotic Process Automation - Skill-A-Thon 2020	01.06.2020	GUVI TECH
6	DHINAKAR R	III	Step Into Robotic Process Automation - Skill-A-Thon 2020	01.06.2020	GUVI TECH
7	RAGU R	III	Quizophile Logo Identification E Quiz Competition	04.06.2020	EGSPEC
8	RAGU R	III	Online Quiz On Mechsium 2020	19.06.2020	GPTC THOOTHUKKUDI
9	AAFIQ A ABISHEK R ARIHARAN K CHANDRABOSE C DINESH BABU T	II	Webinar On Advancement In Automotive Safety Air Bags	12.05.2020	EGSPEC NAGAPATTINAM
10	AAFIQ A ARAVINTH D JAIGANESH R NAVEEN G SANTHOSH A AGILESH R SELVAGANAPATHI VIKRAM R AJEETH B GOKULAKRISHNAN R MUTHARASAN G PRAVEENRAJ T SHANKAR M SURYA S KEERTHIVASAN S ARAVIND A JEGHAN J DIVAKARAN E AKASH C AKASH S	II	QUIZANTHON – Online Mechanical Quiz QUIZANTHON – Online Mechanical Quiz	07.05.2020 07.05.2020	A. V. C. COLLEGE OF ENGINEERING

E.G.S PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
(Autonomous)
Department of Mechanical Engineering (NBA Accredited)

• **Participation in Inter-Institute Events**

S NO	STUDENT NAME	YEAR	TOPIC	DATE	PLACE
11	JASWANTHKUMAR J JAYACHANDRAN R KAVIYARASAN K KEERTHIVASAN V MATHAVAN T MOHAMED ALI JINNA S NANTHAKUMAR K NAVANEEDHAKRISHNAN M RAJKUMAR R RAKESHSHARMA R	III	MECHQUIZ 2020	26.05.2020- 28.05.2020	K RAMAKRISHNAN COLLEGE OF TECHNOLOGY
12	SILAMBARASAN R SIVAGURU S RAGHAVAN R RAGHUL R MUTHUVEL M NANTHAKUMAR.A MANOJ KUMAR V MARAN M JAYACHANDRAN R JAYAKUMAR V	III	NATIONAL LEVEL E QUIZ	18.05.2020	SIR ISSAC NEWTON COLLEGE OF ENGINEERING AND TECHNOLOGY
13	MATHES KANNA S MOHAMED ABDUL RAHMAN A PREMKUMAR C RAJESH D MOHAMED IMRAN J MOHAMED ALIYAR A DINESH G DINESHKUMAR S YOHESWARAN J ABINASH A	II	HYBRID TECHNOLO GY	21.05.2020	JAPPIAAR INSTITUTE OF TECHNOLOGY
14	GUGAN M HARIHARAN S SURESH CHAKKARAVARTHY K SURYA S BARATH L BHARANIDHARAN V VISWANATHAN V YOHESWARAN J JOTHIRAMAN S KISHOR D PRATHEEPRAJ S	II	FUTURE OF AUTOMOTI VE TECHNOLO GY	28.05.2020	SRI VENKATESWARAA COLLEGE OF TECHNOLOGY

E.G.S PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
(Autonomous)
Department of Mechanical Engineering (NBA Accredited)

• **Students Interaction in Inter Institute**

S NO	STUDENT NAME	YEAR/ SECTION	TOPIC	DATE	PLACE
1	Venkatesh C	II A	Product Design And Development	Sep-Oct 2020	NPTEL COURSE
2	Aafiq A	III A	Aircraft Propulsion	Sep-Dec 2020	NPTEL COURSE
3	Ashok S	IV	State Level Online Quiz Competition On Hiv/Aiids & Sti And Covid 19	30.12.2020	TANSACS (TAMILNADU STATE AIDS CONTROL SOCIETY)

• **Placement & Higher Studies**

S. NO	TOTAL NO. STUDENTS	NO. OF PLACED STUDENTS	NO. OF STUDENTS PURSUING HIGHER STUDIES
01	128	98	7

FACULTY ACHIEVEMENTS

• **International Journals Published**

S.NO	STAFF NAME	TITLE OF THE PAPER	NAME OF THE JOURNAL	YEAR	ISSN NO.	REFERRED JOURNAL	IMPACT FACTOR
1	Dr.S.Ramabalan	Design optimisation of mating helical gears with profile shift using nature inspired algorithms	Australian Journal of Mechanical Engineering	2020	1448-4846	SCIE	2.3

E.G.S PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
(Autonomous)
Department of Mechanical Engineering (NBA Accredited)

• International Journals Published

S.N O	STAFF NAME	TITLE OF THE PAPER	NAME OF THE JOURNAL	YEAR	ISSN NO.	REFERRED JOURNAL	IMPACT FACTOR
2	Dr. J. Jeevamalar	Multi-Objective Optimization of Process Parameters in W-Powder Mixed Electrical Discharge Drilling using combined SDV and TOPSIS Method	International Journal of Advanced Science and Technology	2020	2005-4238	SCOPUS	1.7
3	Dr. J. Jeevamalar	Modelling of Rotary EDM Process Parameters of Inconel 718 using Artificial Neural Networks	Mechanika	2020	2249-6890	SCIE	0.529
4	Dr. V.Sivaramakrishnan	Hardness, Photoconductivity, Anti-diabetic Studies of L – AlaniniumFumarate (LAF) Crystals	IJMPERD	2020	1551-7616	SCOPUS	0.2
5	Dr. V.Sivaramakrishnan	Electronic transport Homo-Lumo and computational studies of Cus monowire for nano device fabrication by DFT approach.	Materials today proceeding.	2020	2214-7853	SCOPUS	0.5
6	Dr. S. Krishnamohan	Experimental Design And Analysis of Domestic Windmill Blades	IJMPERD	2020	2249-6890	SCOPUS	1.2
7	Dr. S. Krishnamohan Dr.N.Ramanujam	Optimization of Friction Welding Parameters In Dissimilar Materials Using Taguchi's Method	International Journal of Advanced Science and Technology	2020	2005-4238	SCOPUS	0.5
8	Dr.S. Chockalingam	Chatter control and stability analysis in cantilever boring bar using FEA methods	Materials Today: Proceedings	2020	2214-7853	SCOPUS	1.7

E.G.S PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
(Autonomous)
Department of Mechanical Engineering (NBA Accredited)

• **International Journals Published**

S.NO	STAFF NAME	TITLE OF THE PAPER	NAME OF THE JOURNAL	YEAR	ISSN NO.	REFERRED JOURNAL	IMPACT FACTOR
9	Dr. S. Krishnamohan Mr.R.Sundar	Experimental Investigation of Mechanical Behaviour of Al7075 Alloy Reinforced With B4C MMC	IJMPERD	2020	2249–6890	SCOPUS	0.5
10	Dr.S. Chockalingam	Study of mechanical and thermal behaviours of zeo-coir hybrid polyester composites	Materials Today: Proceedings	2020	2214-7853	SCOPUS	1.7
11	Dr. J. Jeevamalar	Tool Wear Rate On Inconel 718 Using W-Powder Mixed Electric Discharge Drilling	IJITEE	2020	2278-3075	SCOPUS	0.6
12	Dr.V.Navaneetha krishnan	Evaluation Of Crosslink Density Using Material Constants Of Ethylene-Propylene-Diene Monomer/Styrene – Butadiene Rubber With Different Nanoclay Loading:Finite Element Analysis –Simulation And Experimental.	Advanced Science, Engineering And Medicine	2020	632-642	SCOPUS	0.2

E.G.S PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
(Autonomous)
Department of Mechanical Engineering (NBA Accredited)

• **Patent Publications**

Applicant Name	Dr.S.Krishna Mohan
Title Of The Patent	Underwater Robots Design And Control Mechanism Using Particle Swarm Optimization Algorithm
Registration Number	2020102302 (Australian Government Ipo)
Cbr No	-
Docket No	-
Status	Granted
Journal No	-
Date	09/12/2020

Applicant Name	Dr. N.Ramanujam Dr. Chockalingam Singaravelu
Title Of The Patent	Portable Egg Quality Assessment And Monitoring System Using Iot
Registration Number	202041047668
Cbr No	36828
Docket No	95346
Status	Published
Journal No	46/2020
Date	13/01/2020

Applicant Name	Dr. Chockalingam Singaravelu
Title Of The Patent	End To End Food Safety & Quality Control System
Registration Number	202041036571
Cbr No	27974
Docket No	74346
Status	Published
Journal No	37/2020
Date	11/09/2020

E.G.S PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
(Autonomous)
Department of Mechanical Engineering (NBA Accredited)

• Consultancy Work

Sl. NO.	TITTLE	SANCTIONED FACULTY NAME	AMOUNT (IN RS.)	DURATION OF THE ACTIVITY
01	DESIGN AND FABRICATION OF FRP BOAT	Dr.V.SIVARAMAN	11,00,000	2 years

• Faculty Development Program Attended

S.NO	STAFF NAME & DESIGNATION	PROGRAM DETAILS			
		NAME OF THE INSTITUTION	TITLE	DURATION	NO. OF DAYS
1	Dr. S. Chockalingam	RMK Engineering College	IIC Innovation Ambassador Training Series	08.01.2020 & 09.01.2020	2 days
2	Dr. N. Ramanujam	Pondicherry Engineering College	Industry 4.0 and Smart Manufacturing	17.02.2020 – 22.02.2020	6 days
3	Dr. V. Sivaramakrishnan	Pondicherry Engineering College	Industry 4.0 and Smart Manufacturing	17.02.2020 – 22.02.2020	6 days
4	Dr. J. Jeevamalar	Anurag University	The Role Of Artificial Intelligence And Machine Learning In Robotics And Automation	01.06.2020-03.06.2020	3 days
5	Dr. S. Ramabalan	EGSPEC	Recent Trends in Mechanical Engineering	15.06.2020-20.06.2020	6 days

E.G.S PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
(Autonomous)
Department of Mechanical Engineering (NBA Accredited)

• **Faculty Development Program Attended**

S.NO	STAFF NAME & DESIGNATION	PROGRAM DETAILS			
		NAME OF THE INSTITUTION	TITLE	DURATION	NO. OF DAYS
6	Dr.S.Krishna Mohan	EGSPEC	Recent Trends in Mechanical Engineering	15.06.2020-20.06.2020	6 days
7	Dr.N.Ramanujam	EGSPEC	Recent Trends in Mechanical Engineering	15.06.2020-20.06.2020	6 days
8	Dr.G.Gurumoorthi	EGSPEC	Recent Trends in Mechanical Engineering	15.06.2020-20.06.2020	6 days
9	Dr.V.SivaramaKrishnan	EGSPEC	Recent Trends in Mechanical Engineering	15.06.2020-20.06.2020	6 days
10	Dr.V.Sivaraman	EGSPEC	Recent Trends in Mechanical Engineering	15.06.2020-20.06.2020	6 days
11	Dr.J.Jeevamalar	EGSPEC	Recent Trends in Mechanical Engineering	15.06.2020-20.06.2020	6 days
12	Dr. S. Chockalingam	EGSPEC	Recent Trends in Mechanical Engineering	15.06.2020-20.06.2020	6 days
13	Mr. K.Marimuthu	EGSPEC	Recent Trends in Mechanical Engineering	15.06.2020-20.06.2020	6 days
14	Dr.V.Navaneethakrishnan	EGSPEC	Recent Trends in Mechanical Engineering	15.06.2020-20.06.2020	6 days

E.G.S PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
(Autonomous)
Department of Mechanical Engineering (NBA Accredited)

• **Faculty Development Program Attended**

S.NO	STAFF NAME & DESIGNATION	PROGRAM DETAILS			
		NAME OF THE INSTITUTION	TITLE	DURATION	NO. OF DAYS
15	Mr.R.Sundar	EGSPEC	Recent Trends in Mechanical Engineering	15.06.2020-20.06.2020	6 days
16	Mr.B.ManiKandan	EGSPEC	Recent Trends in Mechanical Engineering	15.06.2020-20.06.2020	6 days
17	Mr.G.Surendar	EGSPEC	Recent Trends in Mechanical Engineering	15.06.2020-20.06.2020	6 days
18	Mr.V.Manathuanai Nathan	EGSPEC	Recent Trends in Mechanical Engineering	15.06.2020-20.06.2020	6 days
19	Mr.G.Sundaravadivel	EGSPEC	Recent Trends in Mechanical Engineering	15.06.2020-20.06.2020	6 days
20	Mr.G.Hari Narayanan	EGSPEC	Recent Trends in Mechanical Engineering	15.06.2020-20.06.2020	6 days
21	Mr.K.Senthil Nathan	EGSPEC	Recent Trends in Mechanical Engineering	15.06.2020-20.06.2020	6 days
22	Mr.A.Arun Kumar	EGSPEC	Recent Trends in Mechanical Engineering	15.06.2020-20.06.2020	6 days
23	Mr.K.Balasubramanian	EGSPEC	Recent Trends in Mechanical Engineering	15.06.2020-20.06.2020	6 days

E.G.S PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
(Autonomous)
Department of Mechanical Engineering (NBA Accredited)

• **Faculty Development Program Attended**

S.NO	STAFF NAME & DESIGNATION	PROGRAM DETAILS			
		NAME OF THE INSTITUTION	TITLE	DURATION	NO. OF DAYS
24	Mr.S.Harishkirthi	EGSPEC	Recent Trends in Mechanical Engineering	15.06.2020-20.06.2020	6 days
25	Mr. M.Subramaniyan	EGSPEC	Recent Trends in Mechanical Engineering	15.06.2020-20.06.2020	6 days
26	Mr. N.Prabhu	EGSPEC	Recent Trends in Mechanical Engineering	15.06.2020-20.06.2020	6 days
27	Mr. S.Murugesh	EGSPEC	Recent Trends in Mechanical Engineering	15.06.2020-20.06.2020	6 days
28	Mr. N.Manikandan	EGSPEC	Recent Trends in Mechanical Engineering	15.06.2020-20.06.2020	6 days
29	Mr.S.Udhayamuthu	EGSPEC	Recent Trends in Mechanical Engineering	15.06.2020-20.06.2020	6 days
30	Mr.K.Kathirvelan	EGSPEC	Recent Trends in Mechanical Engineering	15.06.2020-20.06.2020	6 days
31	Mr.R.Balaj	EGSPEC	Recent Trends in Mechanical Engineering	15.06.2020-20.06.2020	6 days
32	Mr.R.AshwinChakravart hy	EGSPEC	Recent Trends in Mechanical Engineering	15.06.2020-20.06.2020	6 days

E.G.S PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
(Autonomous)
Department of Mechanical Engineering (NBA Accredited)

• **Faculty Development Program Attended**

S.NO	STAFF NAME & DESIGNATION	PROGRAM DETAILS			
		NAME OF THE INSTITUTION	TITLE	DURATION	NO. OF DAYS
33	Mr.P.Kalaignar	EGSPEC	Recent Trends in Mechanical Engineering	15.06.2020-20.06.2020	6 days
34	Mr.G.Ashokkumar	EGSPEC	Recent Trends in Mechanical Engineering	15.06.2020-20.06.2020	6 days
35	Mr.S.Ramesh	EGSPEC	Recent Trends in Mechanical Engineering	15.06.2020-20.06.2020	6 days
36	Dr. G.Gurumoorthi	Kings College of Engineering, Thanjavur	Recent Advancement and technologies in Mechanical Engineering – A Research Perspective	13.07.2020 – 17.07.2020	5 Days
37	Dr. V.Navaneethakrishnan	Kings College of Engineering, Thanjavur	Recent Advancement and technologies in Mechanical Engineering – A Research Perspective	13.07.2020 – 17.07.2020	5 Days
38	Mr. R.Sundar	Kings College of Engineering, Thanjavur	Recent Advancement and technologies in Mechanical Engineering – A Research Perspective	13.07.2020 – 17.07.2020	5 Days

E.G.S PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
(Autonomous)
Department of Mechanical Engineering (NBA Accredited)

• **Faculty Development Program Attended**

S.NO	STAFF NAME & DESIGNATION	PROGRAM DETAILS			
		NAME OF THE INSTITUTION	TITLE	DURATION	NO. OF DAYS
39	Mr. B.Manikandan	Kings College of Engineering, Thanjavur	Recent Advancement and technologies in Mechanical Engineering – A Research Perspective	13.07.2020 – 17.07.2020	5 Days
40	Mr. G.Surendar	Kings College of Engineering, Thanjavur	Recent Advancement and technologies in Mechanical Engineering – A Research Perspective	13.07.2020 – 17.07.2020	5 Days
41	Mr. G.Harinarayanan	Kings College of Engineering, Thanjavur	Recent Advancement and technologies in Mechanical Engineering – A Research Perspective	13.07.2020 – 17.07.2020	5 Days
42	Mr. K.Balasubramanian	Kings College of Engineering, Thanjavur	Recent Advancement and technologies in Mechanical Engineering – A Research Perspective	13.07.2020 – 17.07.2020	5 Days
43	Dr. S. Chockalingam	AICTE	Energy Engineering	24.08.2020-28.08.2020	5 Days

E.G.S PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
(Autonomous)
Department of Mechanical Engineering (NBA Accredited)

• **Faculty Development Program Attended**

S.NO	STAFF NAME & DESIGNATION	PROGRAM DETAILS			
		NAME OF THE INSTITUTION	TITLE	DURATION	NO. OF DAYS
44	Dr. N. Ramanujam	Pondicherry Engineering College	Next Generation Technology In Manufacturing	18.11.2020-24.11.2020	1 weeks
45	Dr. V. Sivaramakrishnan	Pondicherry Engineering College	Next Generation Technology In Manufacturing	18.11.2020-24.11.2020	1 weeks
46	Dr. S. Chockalingam	AICTE	Energy Engineering	21.12.2020-25.12.2020	5 Days

• **Faculty Members doing Higher Studies**

SL. NO.	NAME OF THE FACULTY	DOMAIN	UNIVERSITY
01	Prof. R.Sundar	Composite Materials	Anna University, Chennai
02	Prof. B.Manikandan	Composite Materials	Anna University, Chennai
03	Prof. V.Manathunai Nathan	Composite Materials	Anna University, Chennai
04	Prof. G.Sundaravadivel	Composite Materials	Anna University, Chennai
05	Prof. K.Senthil Nathan	Composite Materials	Anna University, Chennai
06	Prof. A.Arun Kumar	Robotics	Anna University, Chennai

E.G.S PILLAY ENGINEERING COLLEGE, NAGAPATTINAM
(Autonomous)
Department of Mechanical Engineering (NBA Accredited)



Editorial Board:

- **Dr. S.RAMABALAN, Principal & Professor.**
- **Dr. G.GURUMOORTHY, Professor & Head.**

Designing & Publishing Committee

- **Dr. J. JEEVAMALAR, Associate Professor / Mechanical**
- **Mr. MANIKANDAN R, IV Mechanical**
- **Mr. MOHAMED HASIM M, IV Mechanical**