



# 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 website: www.egspec.org Ph: 04365-251112

## B.E – Electrical and Electronics Engineering

### 1.1.3 Average percentage of Courses focus on employability / entrepreneurship / Skill development offered by the institution during the last five years

#### Offering 2017 -2018

S.No	Course Code	Name of the Course	Activity/Content with direct bearing on employability /	Activity/Content with direct bearing on entrepreneurship	Activity/Content with direct bearing on Skill development	Year of Introduction (During the last five year
1.	1701MA101	Engineering Mathematics-I			✓	2017-2018
2.	1701PH101	Applied Physics for Engineers			✓	2017-2018
3.	1701EN101	Technical English			✓	2017-2018
4.	1701CH104	Applied Chemistry			✓	2017-2018
5.	1701GE102	Basic Civil Engineering	✓			2017-2018
6.	1701GE103	Basic Mechanical Engineering	✓			2017-2018
7.	1701HS151	Physics and Chemistry Laboratory –I	✓			2017-2018
8.	1701GEX52	Communication Skills Laboratory			✓	2017-2018
9.	1701GEX53	Workshop Practice			✓	2017-2018
10.	1701MA201	Engineering Mathematics- II			✓	2017-2018
11.	1701PH202	Semiconductor Physics and Devices	✓			2017-2018
12.	1701CH201	Environmental Studies	✓			2017-2018
13.	1701GEX02	Engineering Graphics			✓	2017-2018
14.	1701GEX03	Programming in C	✓			2017-2018
15.	1702EE201	Electric Circuit Analysis	✓			2017-2018
16.	1701LE201	Language Elective	✓		✓	2017-2018
17.	1701GEX51	Programming in C Laboratory	✓			2017-2018

ATTESTED

  
Dr. S. RAMABALAN, M.E., Ph.D.,  
PRINCIPAL  
E.G.S. Pillay Engineering College,  
Thethi, Nagore - 611 002.  
Nagapattinam (Dt) Tamil Nadu.



# 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

website: www.egspec.org

Ph: 04365-251112

	1701HS251	Physics and Chemistry Laboratory -II				2017-2018
19.	MA6351	Transforms and Partial Differential Equations	✓		✓	2017-2018
20.	EE6301	Digital Logic Circuits	✓			2017-2018
21.	EE6302	Electromagnetic Theory	✓			2017-2018
22.	GE6351	Environmental Science and Engineering	✓			2017-2018
23.	EC6202	Electronic Devices and Circuits	✓			2017-2018
24.	EE6303	Linear Integrated Circuits and Applications	✓			2017-2018
25.	EC6361	Electronics Laboratory	✓			2017-2018
26.	EE6311	Linear and Digital Integrated Circuits Laboratory	✓			2017-2018
27.	MA6459	Numerical Methods	✓		✓	2017-2018
28.	EE6401	Electrical Machines – I	✓			2017-2018
29.	CS6456	Object Oriented Programming	✓			2017-2018
30.	EE6402	Transmission and Distribution	✓			2017-2018
31.	EE6403	Discrete Time Systems and Signal Processing	✓			2017-2018
32.	EE6404	Measurements and Instrumentation	✓			2017-2018
33.	CS6461	Object Oriented Programming Laboratory	✓			2017-2018
34.	EE6411	Electrical Machines Laboratory – I	✓			2017-2018
35.	EE6501	Power System Analysis	✓			2017-2018
36.	EE6502	Microprocessors and Microcontrollers	✓			2017-2018

ATTESTED

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

E.G.S. Pillay Engineering College,  
Thethi, Nagore - 611 002.  
Nagapattinam (Dt) Tamil Nadu.



# 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 website: www.egspec.org Ph: 04365-251112

	ME6701	Power Plant Engineering				2017-2018
38.	EE6503	Power Electronics	✓			2017-2018
39.	EE6504	Electrical Machines - II	✓			2017-2018
40.	IC6501	Control Systems	✓			2017-2018
41.	GE6674	Communication and Soft Skills- Laboratory Based	✓		✓	2017-2018
42.	EE6511	Control and Instrumentation Laboratory	✓			2017-2018
43.	EE6512	Electrical Machines Laboratory - II	✓			2017-2018
44.	EC6651	Communication Engineering	✓			2017-2018
45.	EE6601	Solid State Drives	✓			2017-2018
46.	EE6602	Embedded Systems	✓			2017-2018
47.	EE6603	Power System Operation and Control	✓			2017-2018
48.	EE6604	Design of Electrical Machines	✓			2017-2018
49.	EE6002	Power System Transients	✓			2017-2018
50.	EE6611	Power Electronics and Drives Laboratory	✓			2017-2018
51.	EE6612	Microprocessors and Microcontrollers Laboratory	✓			2017-2018
52.	EE6613	Presentation Skills and Technical Seminar	✓	✓	✓	2017-2018
53.	EE6701	High Voltage Engineering	✓			2017-2018
54.	EE6702	Protection and Switchgear	✓			2017-2018
55.	EE6703	Special Electrical Machines	✓			2017-2018
56.	MG6851	Principles of Management	✓		✓	2017-2018
57.	EE6004	Flexible AC Transmission	✓			2017-2018

ATTESTED

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

E.G.S. Pillay Engineering College,  
Thethi, Nagore - 611 002.  
Nagapattinam (Dt) Tamil Nadu.



# 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 website: www.egspec.org Ph: 04365-251112

		Systems				
58.	EE6008	Microcontroller Based System Design	✓			2017-2018
59.	EE6711	Power System Simulation Laboratory	✓			2017-2018
60.	EI6704	Biomedical Instrumentation	✓			2017-2018
61.	EE6801	Electric Energy Generation, Utilization and Conservation	✓			2017-2018
62.	EE6009	Power Electronics for Renewable Energy Systems	✓			2017-2018
63.	GE6075	Professional Ethics in Engineering	✓	✓		2017-2018
64.	EE6811	Project Work	✓	✓	✓	2017-2018

ATTESTED

  
Dr. S. RAMABALAN, M.E., Ph.D.,  
PRINCIPAL  
E.G.S. Pillay Engineering College,  
Theethi, Nagore - 611 002.  
Nagapattinam (Dt) Tamil Nadu.



# 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 website: www.egspec.org Ph: 04365-251112

## B.E – Electrical and Electronics Engineering

### 1.1.3 Average percentage of Courses focus on employability / entrepreneurship / Skill development offered by the institution during the last five years

Offering 2018 -2019

S.No	Course Code	Name of the course	Activity/Content with direct bearing on employability /	Activity/Content with direct bearing on entrepreneurship	Activity/Content with direct bearing on Skill development	Year Introduction ( During the last five year
1.	1701MA101	Engineering Mathematics-I			✓	2017-2018
2.	1701PH101	Applied Physics for Engineers			✓	2017-2018
3.	1701CH104	Applied Chemistry			✓	2017-2018
4.	1701EN101	Technical English			✓	2017-2018
5.	1701GE103	Basic Mechanical Engineering	✓			2017-2018
6.	1701GE102	Basic Civil Engineering	✓			2017-2018
7.	1701GEX53	Workshop Practice	✓			2017-2018
8.	1701HS151	Physics and Chemistry Laboratory –I			✓	2017-2018
9.	1701GEX52	Communication Skills Laboratory			✓	2017-2018
10.	1701MA201	Engineering Mathematics-II			✓	2017-2018
11.	1701PH202	Semiconductor Physics and Devices	✓			2017-2018
12.	1701CH201	Environmental Studies	✓			2017-2018
13.	1701LE201	Communicative English			✓	2017-2018
14.	1702EE201	Electric Circuit Analysis	✓			2017-2018
15.	1701GEX03	Programming in C	✓			2017-2018
16.	1701GEX02	Engineering Graphics	✓		✓	2017-2018
17.	1701HS251	Physics and Chemistry Laboratory –II	✓			2017-2018
18.	1701GEX51	Programming in C Laboratory	✓			2017-2018

ATTESTED

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

E.G.S. Pillay Engineering College,  
Thethi, Nagore - 611 002.  
Nagapattinam (Dt) Tamil Nadu.



# 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

website: www.egspec.org

Ph: 04365-251112

	1701MA301	Engineering Mathematics-III				2018-2019
20.	1702EE301	Electron Devices and Circuits	✓			2018-2019
21.	1702EE302	Digital Electronics	✓			2018-2019
22.	1702EE303	Electromagnetic Theory	✓			2018-2019
23.	1702EE304	Power Plant Engineering	✓			2018-2019
24.	1702EE305	Electrical Machinery-I	✓			2018-2019
25.	1702EE351	Electrical Machinery Laboratory-I	✓			2018-2019
26.	1702EE352	Electron Devices and Circuits Laboratory	✓			2018-2019
27.	1704GE351	Life Skills: Soft Skills	✓		✓	2018-2019
28.	1701MA403	Numerical Methods and Statistics	✓			2018-2019
29.	1702EE401	Measurements and Instrumentation	✓			2018-2019
30.	1702EE402	Linear Integrated Circuits	✓			2018-2019
31.	1702EE403	Transmission and Distribution	✓			2018-2019
32.	1702EE404	Electrical Machinery-II	✓			2018-2019
33.	1702EC406	Communication Engineering	✓			2018-2019
34.	1702EE451	Electrical Machinery Laboratory-II	✓			2018-2019
35.	1702EE452	Analog and Digital Integrated Circuits Laboratory	✓			2018-2019
36.	1704GE451	Life Skills: Verbal Ability	✓			2018-2019
37.	EE6501	Power System Analysis	✓			2017-2018
38.	EE6502	Microprocessors and Microcontrollers	✓			2017-2018
39.	ME6701	Power Plant Engineering	✓			2017-2018
40.	EE6503	Power Electronics	✓			2017-2018
41.	EE6504		✓		✓	2017-2018

ATTESTED

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

E.G.S. Pillay Engineering College,  
Thethi, Nagore - 611 002.  
Nagapattinam (Dt) Tamil Nadu.



# 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

website: www.egspec.org

Ph: 04365-251112

		Electrical Machines - II				
42.	IC6501	Control Systems	✓			2017-2018
43.	GE6674	Communication and Soft Skills- Laboratory Based	✓			2017-2018
44.	EE6511	Control and Instrumentation Laboratory	✓			2017-2018
45.	EE6512	Electrical Machines Laboratory - II	✓			2017-2018
46.	EC6651	Communication Engineering	✓			2017-2018
47.	EE6601	Solid State Drives	✓			2017-2018
48.	EE6602	Embedded Systems	✓			2017-2018
49.	EE6603	Power System Operation and Control	✓			2017-2018
50.	EE6604	Design of Electrical Machines	✓			2017-2018
51.	EE6002	Power System Transients	✓			2017-2018
52.	EE6611	Power Electronics and Drives Laboratory	✓	✓	✓	2017-2018
53.	EE6612	Microprocessors and Microcontrollers Laboratory	✓			2017-2018
54.	EE6613	Presentation Skills and Technical Seminar	✓			2017-2018
55.	EE6701	High Voltage Engineering	✓			2017-2018
56.	EE6702	Protection and Switchgear	✓	✓		2017-2018
57.	EE6703	Special Electrical Machines	✓			2017-2018
58.	MG6851	Principles of Management	✓			2017-2018
59.	EE6004	Flexible AC Transmission Systems	✓			2017-2018

ATTESTED

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

E.G.S. Pillay Engineering College,  
Thethi, Nagore - 611 002.  
Nagapattinam (Dt) Tamil Nadu.



# 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 website: www.egspec.org Ph: 04365-251112

60.	EE6008	Microcontroller Based System Design	✓			2017-2018
61.	EE6711	Power System Simulation Laboratory	✓			2017-2018
62.	EI6704	Biomedical Instrumentation	✓			2017-2018
63.	EE6801	Electric Energy Generation, Utilization and Conservation	✓			2017-2018
64.	EE6009	Power Electronics for Renewable Energy Systems	✓			2017-2018

ATTESTED  
  
Dr. S. RAMABALAN, M.E., Ph.D.,  
PRINCIPAL  
E.G.S. Pillay Engineering College,  
Thethi, Nagore - 611 002.  
Nagapattinam (Dt) Tamil Nadu.





# 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

website: www.egspec.org

Ph: 04365-251112

## B.E – Electrical and Electronics Engineering

### 1.1.3 Average percentage of Courses focus on employability / entrepreneurship / Skill development offered by the institution during the last five years

#### Offering 2019 -2020

S.No	Course Code	Name of the course	Activity/Content with direct bearing on employability /	Activity/Content with direct bearing on entrepreneurship	Activity/Content with direct bearing on Skill development	Year Introduction ( During the last five years)
1.	1901MA103	Engineering Mathematics-I (Calculus and Differential Equations)			✓	2019-2020
2.	1901PH102	Wave, Optics and Electromagnetism	✓		✓	2019-2020
3.	1901GE101	Electric Circuit Analysis	✓			2019-2020
4.	1901GE151	Engineering Intelligence I	✓	✓	✓	2019-2020
5.	1901GEX51	CAD Lab	✓			2019-2020
6.	1901GEX53	Basic Electrical and Electronics Engineering Lab	✓			2019-2020
7.	1901PHX51	Engineering Physics Lab	✓			2019-2020
8.	1901MA203	Engineering Mathematics-II (Linear Algebra, Transform Calculus and Numerical Methods)			✓	2019-2020
9.	1901CH202	Applied Chemistry			✓	2019-2020
10.	1901GEX03	Programming for Problem Solving			✓	2019-2020
11.	1901ENX01	English for Engineers	✓			2019-2020
12.	1901GE201	Engineering Exploration	✓			2019-2020
13.	1901GE252	Engineering Intelligence II			✓	2019-2020
14.	1901CHX51	Engineering Chemistry Lab	✓			2019-2020
15.	1901GE253	Basic Workshop Lab	✓			2019-2020

ATTESTED

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

PRINCIPAL

E.G.S. Pillay Engineering College,

Thathi, Nagore - 611 002.

Nagapattinam (Tamil Nadu) - India.



# 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 website: www.egspec.org Ph: 04365-251112

	1901GEX52	Computer Programming Lab				2019-2020
17.	1901HSX51	Communication Skill Lab	✓			2019-2020
18.	1701MA301	Engineering Mathematics-III	✓			2018-2019
19.	1702EE301	Electron Devices and Circuits	✓		✓	2018-2019
20.	1702EE302	Digital Electronics	✓			2018-2019
21.	1702EE303	Electromagnetic Theory	✓			2018-2019
22.	1702EE304	Power Plant Engineering	✓			2018-2019
23.	1702EE305	Electrical Machinery-I	✓			2018-2019
24.	1702EE351	Electrical Machinery Laboratory-I	✓			2018-2019
25.	1702EE352	Electron Devices and Circuits Laboratory	✓			2018-2019
26.	1704GE351	Life Skills: Soft Skills	✓			2018-2019
27.	1701MA403	Numerical Methods and Statistics	✓		✓	2018-2019
28.	1702EE401	Measurements and Instrumentation	✓			2018-2019
29.	1702EE402	Linear Integrated Circuits	✓			2018-2019
30.	1702EE403	Transmission and Distribution	✓			2018-2019
31.	1702EE404	Electrical Machinery-II	✓			2018-2019
32.	1702EC406	Communication Engineering	✓			2018-2019
33.	1702EE451	Electrical Machinery Laboratory-II	✓			2018-2019
34.	1702EE452	Analog and Digital Integrated Circuits Laboratory	✓			2018-2019
35.	1704GE451	Life Skills: Verbal Ability	✓			2018-2019
36.	1702EE501	Electrical Machine Design	✓			2019-2020
37.	1702EE502	Linear Control Systems	✓			2019-2020
38.	1702EE503		✓			2019-2020

ATTESTED

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

E.G.S. Pillay Engineering College,  
Thethi, Nagore - 611 002.  
Nagapattinam (Dt) Tamil Nadu.



# 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

website: www.egspec.org

Ph: 04365-251112

		Power Electronics				
39.	1703EE001	Special Electrical Machines	✓			2019-2020
40.	1703EE002	Electrical Safety and Management	✓			2019-2020
41.	1702CS504	Object Oriented Programming	✓		✓	2019-2020
42.	1702EE551	Measurement and Control Laboratory	✓			2019-2020
43.	1704GE551	Life Skills: Aptitude-I	✓			2019-2020
44.	1702CS554	Object Oriented Programming Laboratory	✓			2019-2020
45.	1701MGX02	Industrial Economics	✓			2019-2020
46.	1702EE601	Solid State Drives	✓			2019-2020
47.	1702EE602	Power System Analysis	✓			2019-2020
48.	1702EE603	Microprocessor, Microcontroller and its Applications	✓			2019-2020
49.	1703EE009	Power System Transients	✓			2019-2020
50.	1703EE006	Digital Signal Processing	✓			2019-2020
51.	1702EE651	Power Electronics and Drives Laboratory	✓			2019-2020
52.	1702EE652	Microprocessor, Microcontroller and its Applications Laboratory	✓	✓	✓	2019-2020
53.	1704GE651	Life Skills:Aptitude-II	✓			2019-2020
54.	EE6701	High Voltage Engineering	✓			2017-2018
55.	EE6702	Protection and Switchgear	✓			2017-2018
56.	EE6703	Special Electrical Machines	✓	✓		2017-2018
57.	MG6851	Principles of Management	✓			2017-2018
58.	EE6004	Flexible AC Transmission Systems	✓			2017-2018

ATTESTED

*[Signature]*  
**Dr. S. RAMABALAN**, M.E., Ph.D.,  
 PRINCIPAL  
 E.G.S. Pillay Engineering College,  
 Thattai Manore - 611 002,  
 Nagapattinam - 611 002.



# 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

website: www.egspec.org

Ph: 04365-251112

	EE6008	Microcontroller Based System Design				2017-2018
60.	EE6711	Power System Simulation Laboratory	✓			2017-2018
61.	EI6704	Biomedical Instrumentation	✓			2017-2018
62.	EE6801	Electric Energy Generation, Utilization and Conservation	✓			2017-2018
63.	EE6009	Power Electronics for Renewable Energy Systems	✓	✓		2017-2018
64.	GE6075	Professional Ethics in Engineering	✓	✓	✓	2017-2018
65.	EE6811	Project Work	✓	✓	✓	2017-2018

ATTESTED

*[Signature]*  
Dr. S. RAMABALAN, M.E., Ph.D.,  
PRINCIPAL

E.G.S. Pillay Engineering College,  
Thethi, Nagore - 611 002.  
Nagapattinam (Dt) Tamil Nadu.



# 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 website: www.egspec.org Ph: 04365-251112

## B.E – Electrical and Electronics Engineering

### 1.1.3 Average percentage of Courses focus on employability / entrepreneurship / Skill development offered by the institution during the last five years

Offering 2020 -2021

S.No	Course Code	Name of the course	Activity/Content with direct bearing on employability /	Activity/Content with direct bearing on entrepreneurship	Activity/Content with direct bearing on Skill development	Year Introduction (During the last five year
1.	1901MA103	Engineering Mathematics-I (Calculus and Differential Equations)			✓	2019-2020
2.	1901PH102	Wave, Optics and Electromagnetism			✓	2019-2020
3.	1901GE101	Electric Circuit Analysis			✓	2019-2020
4.	1901GE151	Engineering Intelligence I			✓	2019-2020
5.	1901GEX51	CAD Lab	✓			2019-2020
6.	1901GEX53	Basic Electrical and Electronics Engineering Lab	✓			2019-2020
7.	1901PHX51	Engineering Physics Lab	✓			2019-2020
8.	1901MA203	Engineering Mathematics-II (Linear Algebra, Transform Calculus and Numerical Methods)			✓	2019-2020
9.	1901CH202	Applied Chemistry			✓	2019-2020
10.	1901GEX03	Programming for Problem Solving			✓	2019-2020
11.	1901ENX01	English for Engineers	✓			2019-2020
12.	1901GE201	Engineering Exploration	✓			2019-2020
13.	1901GE252	Engineering Intelligence II			✓	2019-2020
14.	1901CHX51	Engineering Chemistry Lab	✓			2019-2020
15.	1901GE253	Basic Workshop Lab	✓			2019-2020
16.	1901GEX52	Computer Programming	✓		✓	2019-2020

ATTESTED  
  
Dr. S. RAMABALAN, M.E., Ph.D.,  
PRINCIPAL  
E.G.S. Pillay Engineering College,  
Thethi, Nagore - 611 002.  
Nagapattinam (Dt) Tamil Nadu.



# 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 website: www.egspec.org Ph: 04365-251112

		Lab			
17.	1901HSX51	Communication Skill Lab	✓		2019-2020
18.	1901MA303	Engineering Mathematics-III (Complex Variables, Vector Calculus and Transforms)	✓		2020-2021
19.	1902EE301	Analog Electronics	✓	✓	2020-2021
20.	1902EE302	Digital Electronics	✓		2020-2021
21.	1902EE303	DC Machines and Transformers	✓		2020-2021
22.	1902CS307	Object Oriented Programming	✓		2020-2021
23.	1902EE351	Analog Electronics Laboratory	✓		2020-2021
24.	1902EE352	DC Machines and Transformers Laboratory	✓		2020-2021
25.	1902CS355	Object Oriented Programming Laboratory	✓		2020-2021
26.	1904GE351	Life Skills: Soft Skill	✓		2020-2021
27.	1902EE401	Generation, Transmission and Distribution	✓	✓	2020-2021
28.	1902EE402	Synchronous and Asynchronous Machines	✓		2020-2021
29.	1902EE403	Linear Integrated Circuits	✓		2020-2021
30.	1902EE404	Communication Engineering	✓		2020-2021
31.	1901EE405	Biology for Electrical Engineers	✓		2020-2021
32.	1902EE451	Synchronous and Asynchronous Machines Laboratory	✓		2020-2021
33.	1902EE452	Analog and Digital Integrated Circuits Laboratory	✓		2020-2021
34.	1904GE451	Life Skills: Verbal Reasoning	✓		2020-2021
35.	1702EE501		✓		2019-2020

ATTESTED

  
Dr. S. RAMABALAN, M.E., Ph.D.,  
PRINCIPAL  
E.G.S. Pillay Engineering College,  
Thethi, Nagore - 611 002.  
Nagapattinam (Dt) Tamil Nadu.



# 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

website: www.egspec.org

Ph: 04365-251112

		Electrical Machine Design				
36.	1702EE502	Linear Control Systems	✓			2019-2020
37.	1702EE503	Power Electronics	✓			2019-2020
38.	1703EE001	Special Electrical Machines	✓			2019-2020
39.	1703EE002	Electrical Safety and Management	✓			2019-2020
40.	1702CS504	Object Oriented Programming	✓			2019-2020
41.	1702EE551	Measurement and Control Laboratory	✓		✓	2019-2020
42.	1704GE551	Life Skills: Aptitude-I	✓			2019-2020
43.	1702CS554	Object Oriented Programming Laboratory	✓			2019-2020
44.	1701MGX02	Industrial Economics	✓			2019-2020
45.	1702EE601	Solid State Drives	✓			2019-2020
46.	1702EE602	Power System Analysis	✓			2019-2020
47.	1702EE603	Microprocessor, Microcontroller and its Applications	✓			2019-2020
48.	1703EE009	Power System Transients	✓			2019-2020
49.	1703EE006	Digital Signal Processing	✓			2019-2020
50.	1702EE651	Power Electronics and Drives Laboratory	✓			2019-2020
51.	1702EE652	Microprocessor, Microcontroller and its Applications Laboratory	✓			2019-2020
52.	1704GE651	Life Skills:Aptitude-II	✓	✓	✓	2019-2020
53.	1701MGX01	Professional Ethics	✓			2020-2021
54.	1702EE701	Protection and Switchgear	✓			2020-2021
55.	1702EE702	Power System Operation and Control	✓			2020-2021
56.	1702EE703	High Voltage Engineering	✓	✓		2020-2021
57.	1703EE010	Electric and Hybrid Vehicles (Elective-V)	✓			2020-2021
58.	1703ED001		✓			2020-2021

ATTESTED

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

E.G.S. Pillay Engineering College,  
Thethi, Nagore - 611 002.  
Nagapattinam (Dt) Tamil Nadu.



# 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

		Startup Entrepreneurship				
59.	1702EE751	Power System Simulation Laboratory	✓			2020-2021
60.	1702EE752	Computer Aided Electrical Drawing Laboratory	✓			2020-2021
61.	1703EE017	Flexible AC Transmission Systems (Elective-VII)	✓			2020-2021
62.	1703EE018	Power Electronics for Renewable Energy Systems	✓			2020-2021
63.	1703EE019	Electrical Energy Generation, Utilization and Conservation	✓	✓		2020-2021
64.	GE6075	Professional Ethics in Engineering	✓	✓	✓	2017-2018
65.	EE6811	Project Work	✓	✓	✓	2017-2018

ATTESTED

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

E.G.S. Pillay Engineering College,  
Thethi, Nagore - 611 002.  
Nagapattinam (Dt) Tamil Nadu.





# 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 website: www.egspec.org Ph: 04365-251112

## B.E – Electrical and Electronics Engineering

### 1.1.3 Average percentage of Courses focus on employability / entrepreneurship / Skill development offered by the institution during the last five years

#### Offering 2021 -2022

S.No	Course Code	Name of the course	Activity/Content with direct bearing on employability /	Activity/Content with direct bearing on entrepreneurship	Activity/Content with direct bearing on Skill development	Year Introduction (During the last five year
1.	1901MA103	Engineering Mathematics-I (Calculus and Differential Equations)			✓	2019-2020
2.	1901PH102	Wave, Optics and Electromagnetism			✓	2019-2020
3.	1901GE101	Electric Circuit Analysis			✓	2019-2020
4.	1901GE151	Engineering Intelligence I			✓	2019-2020
5.	1901GEX51	CAD Lab	✓			2019-2020
6.	1901GEX53	Basic Electrical and Electronics Engineering Lab	✓			2019-2020
7.	1901PHX51	Engineering Physics Lab	✓			2019-2020
8.	1901MA203	Engineering Mathematics-II (Linear Algebra, Transform Calculus and Numerical Methods)			✓	2019-2020
9.	1901CH202	Applied Chemistry			✓	2019-2020
10.	1901GEX03	Programming for Problem Solving			✓	2019-2020
11.	1901ENX01	English for Engineers	✓			2019-2020
12.	1901GE201	Engineering Exploration	✓			2019-2020
13.	1901GE252	Engineering Intelligence II			✓	2019-2020
14.	1901CHX51	Engineering Chemistry Lab	✓			2019-2020
15.	1901GE253	Basic Workshop Lab	✓			2019-2020

ATTESTED

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

E.G.S. Pillay Engineering College,  
Thethi, Nagore - 611 002.  
Nagapattinam (Dt) Tamil Nadu.



# 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 website: www.egspec.org Ph: 04365-251112

	1901GEX52	Computer Programming Lab				2019-2020
17.	1901HSX51	Communication Skill Lab	✓			2019-2020
18.	1901MA303	Engineering Mathematics-III (Complex Variables, Vector Calculus and Transforms)	✓			2020-2021
19.	1902EE301	Analog Electronics	✓		✓	2020-2021
20.	1902EE302	Digital Electronics	✓			2020-2021
21.	1902EE303	DC Machines and Transformers	✓			2020-2021
22.	1902CS307	Object Oriented Programming	✓			2020-2021
23.	1902EE351	Analog Electronics Laboratory	✓			2020-2021
24.	1902EE352	DC Machines and Transformers Laboratory	✓			2020-2021
25.	1902CS355	Object Oriented Programming Laboratory	✓			2020-2021
26.	1904GE351	Life Skills: Soft Skill	✓			2020-2021
27.	1902EE401	Generation, Transmission and Distribution	✓		✓	2020-2021
28.	1902EE402	Synchronous and Asynchronous Machines	✓			2020-2021
29.	1902EE403	Linear Integrated Circuits	✓			2020-2021
30.	1902EE404	Communication Engineering	✓			2020-2021
31.	1901EE405	Biology for Electrical Engineers	✓			2020-2021
32.	1902EE451	Synchronous and Asynchronous Machines Laboratory	✓			2020-2021
33.	1902EE452	Analog and Digital Integrated Circuits Laboratory	✓			2020-2021
34.	1904GE451		✓			2020-2021

ATTESTED

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

E.G.S. Pillay Engineering College,  
Thethi, Nagore - 611 002.  
Nagapattinam (Dt) Tamil Nadu.



# 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

website: www.egspec.org

Ph: 04365-251112

		Life Skills: Verbal Reasoning			
35.	1902EE501	Measurements and Instrumentation	✓		2021-2022
36.	1902EE502	Linear Control Systems	✓		2021-2022
37.	1902EE503	Power Electronics	✓		2021-2022
38.	1902EE551	Control and Instrumentation Laboratory	✓		2021-2023
39.	1904GE551	Life Skills: Aptitude I	✓		2021-2022
40.	1902EE601	Solid State Drives	✓		2021-2022
41.	1902EE602	Power System Analysis	✓	✓	2021-2022
42.	1902EE603	Microprocessors and Microcontrollers	✓		2021-2022
43.	1902EE651	Power Electronics and Drives Laboratory	✓		2021-2022
44.	1902EE652	Microprocessors and Microcontrollers Laboratory	✓		2021-2022
45.	1904GE651	Life Skills: Aptitude II & GD	✓		2021-2022
46.	1903EE001	Special Electrical Machines	✓		2021-2022
47.	1903EE002	Electrical Machine Design	✓		2021-2022
48.	1903EE003	Electric and Hybrid Vehicles	✓		2021-2022
49.	1903EE004	Micro Electro Mechanical System	✓		2021-2022
50.	1903EE005	Automotive Electronics	✓		2021-2022
51.	1903EE006	Industrial Automation	✓		2021-2022
52.	1903EE007	Bio-Medical Instrumentation	✓	✓	2021-2022
53.	1903EE008	Power Plant Engineering	✓		2021-2022
54.	1903EE009	Advanced Power Semiconductor Devices	✓		2021-2022
55.	1903EE010	Modern Power	✓		2021-2022

ATTESTED

*[Signature]*  
Dr. S. RAMABALAN, M.E., Ph.D.,  
PRINCIPAL

E.G.S. Pillay Engineering College,  
Theihi, Nagore - 611 002.  
Nagapattinam (Dt) Tamil Nadu



# 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 website: www.egspec.org Ph: 04365-251112

		Converters				
56.	1701MGX01	Professional Ethics	✓	✓		2021-2022
57.	1702EE701	Protection and Switchgear	✓			2020-2021
58.	1702EE702	Power System Operation and Control	✓			2020-2021
59.	1702EE703	High Voltage Engineering	✓			2020-2021
60.	1703EE010	Electric and Hybrid Vehicles (Elective-V)	✓			2020-2021
61.	1703ED001	Startup Entrepreneurship	✓			2020-2021
62.	1702EE751	Power System Simulation Laboratory	✓			2020-2021
63.	1702EE752	Computer Aided Electrical Drawing Laboratory	✓	✓		2020-2021
64.	1703EE017	Flexible AC Transmission Systems (Elective-VII)	✓	✓	✓	2020-2021
65.	1703EE018	Power Electronics for Renewable Energy Systems	✓	✓	✓	2020-2021
66.	1703EE019	Electrical Energy Generation, Utilization and Conservation	✓	✓	✓	2020-2021

ATTESTED

  
Dr. S. RAMABALAN, M.E., Ph.D.  
PRINCIPAL  
E.G.S. Pillay Engineering College,  
Thethi, Nagore - 611 002  
Nagapattinam (Dt) Tamil Nadu