



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

M.E – Power electronics and Drives

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	Applied Mathematics for Electrical Engineers	✓			2017-2018
2.	1701PH101	Power Semiconductor Devices and Recent Advancements	✓			2017-2018
3.	1701EN101	Analysis of Power Converters	✓			2017-2018
4.	1701CH104	Analysis of Inverters	✓			2017-2018
5.	1701GE102	Modelling and Analysis of Electrical Machines	✓			2017-2018
6.	1701GE103	Solar and Energy Storage System	✓			2017-2018
7.	1701HS151	Power Electronic Circuits Laboratory	✓			2017-2018
8.	1701GEX52	Power Electronics Simulation Laboratory	✓			2017-2018
9.	1701GEX53	Communication Skills Lab I	✓		✓	2017-2018
10.	1701MA201	Research Methodology	✓		✓	2017-2018
11.	1701PH202	Solid State DC Drives	✓			2017-2018
12.	1701CH201	Solid State AC Drives	✓			2017-2018
13.	1701GEX02	Power Quality Issues and Solutions	✓			2017-2018
14.	1701GEX03	Modelling and Design of SMPS	✓			2017-2018
15.	1702EE201	Power Converters For Solar and Wind Energy	✓			2017-2018

ATTESTED

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		Conversion System				
16.	1701LE201	Electrical Drives Laboratory	✓		✓	2017-2018
17.	1701GEX51	Technical Seminar			✓	2017-2018
18.	1701HS251	Communication Skills Lab II	✓		✓	2017-2018
19.	MA6351	Power Electronics for Renewable Energy Systems	✓			2017-2018
20.	EE6301	High Voltage Direct Current Transmission	✓			2017-2018
21.	EE6302	Solar and energy storage systems	✓			2017-2018
22.	GE6351	Project work (Phase I)	✓	✓	✓	2017-2018
23.	EC6202	Project work (Phase II)	✓	✓	✓	2017-2018

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Offering 2018 -2019

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2.	1701PH101	Power Semiconductor Devices and Recent Advancements	✓			2017-2018
3.	1701EN101	Analysis of Power Converters	✓			2017-2018
4.	1701CH104	Analysis of Inverters	✓			2017-2018
5.	1701GE102	Modelling and Analysis of Electrical Machines	✓			2017-2018
6.	1701GE103	Solar and Energy Storage System	✓			2017-2018
7.	1701HS151	Power Electronic Circuits Laboratory	✓			2017-2018
8.	1701GEX52	Power Electronics Simulation Laboratory	✓			2017-2018
9.	1701GEX53	Communication Skills Lab I	✓		✓	2017-2018
10.	1701MA201	Research Methodology	✓		✓	2017-2018
11.	1701PH202	Solid State DC Drives	✓			2017-2018
12.	1701CH201	Solid State AC Drives	✓			2017-2018
13.	1701GEX02	Power Quality Issues and Solutions	✓			2017-2018
14.	1701GEX03	Modelling and Design of SMPS	✓			2017-2018

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	1702EE201	Power Converters For Solar and Wind Energy Conversion System				2017-2018
16.	1701LE201	Electrical Drives Laboratory	✓		✓	2017-2018
17.	1701GEX51	Technical Seminar			✓	2017-2018
18.	1701HS251	Communication Skills Lab II	✓		✓	2017-2018
19.	1703PE018	Elective III- Optimization Techniques	✓			2018-2019
20.	1703PE001	Elective IV - Recent trends in power conversion Technology	✓			2018-2019
21.	1703EV020	Elective V- Environmental Engineering and Pollution Control	✓			2018-2019
22.	1704PE301	Project Work Phase-I	✓	✓	✓	2018-2019
23.	1704PE401	Project Work Phase-II	✓	✓	✓	2018-2019

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Offering 2019 -2020

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3.	1701EN101	Analysis of Power Converters	✓			2017-2018
4.	1701CH104	Analysis of Inverters	✓			2017-2018
5.	1701GE102	Modelling and Analysis of Electrical Machines	✓			2017-2018
6.	1701GE103	Solar and Energy Storage System	✓			2017-2018
7.	1701HS151	Power Electronic Circuits Laboratory	✓			2017-2018
8.	1701GEX52	Power Electronics Simulation Laboratory	✓			2017-2018
9.	1701GEX53	Communication Skills Lab I	✓		✓	2017-2018
10.	1701MA201	Research Methodology	✓		✓	2017-2018
11.	1701PH202	Solid State DC Drives	✓			2017-2018
12.	1701CH201	Solid State AC Drives	✓			2017-2018
13.	1701GEX02	Power Quality Issues and Solutions	✓			2017-2018
14.	1701GEX03	Modelling and Design of SMPS	✓			2017-2018

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18.	1701HS251	Communication Skills Lab II	✓		✓	2017-2018
19.	1703PE018	Elective III- Optimization Techniques	✓			2018-2019
20.	1703PE001	Elective IV - Recent trends in power conversion Technology	✓			2018-2019
21.	1703EV020	Elective V- Environmental Engineering and Pollution Control	✓			2018-2019
22.	1704PE301	Project Work Phase-I	✓	✓	✓	2018-2019
23.	1704PE401	Project Work Phase-II	✓	✓	✓	2018-2019

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6.	1701GE103	Solar and Energy Storage System	✓			2017-2018
7.	1701HS151	Power Electronic Circuits Laboratory	✓			2017-2018
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1.	2101PE101	Modelling and Analysis of Electrical Machines	✓			2021-20
2.	2102PE102	Analysis and Design of Power Converters	✓			2021-20
3.	2102PE103	Analysis and Design of Inverters	✓			2021-20
4.	2103PE004	Program Elective – I Solar And Energy Storage System	✓			2021-20
5.	2103PE006	Program Elective – II Power Quality	✓			2021-20
6.	2101AU005	Audit Course – I CONSTITUTION OF INDIA	✓			2021-20
7.	2102PE104	Power Electronic Circuits Laboratory	✓			2021-20
8.	2102PE105	Power Electronics Simulation Laboratory	✓			2021-20
9.	2102PE201	Solid State DC Drives	✓			2021-20
10.	2102PE202	Solid State AC Drives	✓			2021-20
11.	2103PE011	Program Elective – III Special Machines and Their Controllers	✓			2021-20
12.	2103PE015		✓			2021-20

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		Program Elective – IV Electric Vehicles and Power Management				
13.	2101RMX01	Research Methodology and IPR	✓			2021-20
14.	2101AU002	Audit Course – II DISASTER MANAGEMENT	✓			2021-20
15.	2102PE203	Digital Control of Power Electronic Circuits Laboratory	✓			2021-20
16.	2102PE204	Electrical Drives Laboratory	✓			2021-20
17.	2104PE205	Mini Project with Seminar	✓	✓	✓	2021-20
18.	1703PE018	Elective III- Optimization Techniques	✓		✓	2018-20
19.	1703PE001	Elective IV - Recent trends in power conversion Technology	✓			2018-20
20.	1703EV020	Elective V- Environmental Engineering and Pollution Control	✓			2018-20
21.	1704PE301	Project Work Phase-I	✓			2018-20
22.	1704PE401	Project Work Phase-II	✓	✓	✓	2018-20

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