

GOVERNMENT

COLLEGE OF ENGINEERING

BARGUR - KRISHNAGIRI 635 104

Department of

**Computer Science and
Engineering**

First Internal IQAC Meet

Date: 20.07.2018

Department Details

- Name of the Department: Department of Computer Science and Engineering
- NBA Accreditation Details: Accredited by NBA for three years from 2015 to 2018

Degree Offered

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

Faculty Position

Post	Sanctioned UG	Filled UG	Sanctioned PG	Filled PG
Professor	1	-	1	-
Associate Professor	3	-	1	-
Assistant Professor	10	6	1	-

Odd Semester Subjects Offered

I Year B.E / CSE - I Semester

17ZHS101 Communicative English I	Mr. Jesu Steephan Samy
17ZHS102 Engineering Mathematics I	Mr.Vadivel.S
17ZHS103 Engineering Physics I	Mr.Arun Karthick.A.K
17ZHS104 Engineering Chemistry	Mr.S.Elumalai
17ZHS105 Problem Solving and Python Programming	Mrs.M.Subhalakshmi
17ZHS106 Engineering Graphics	Mr.R.Bharathiraja
17ZHS107 Problem Solving and Python Programming Laboratory	Mrs.M.Subhalakshmi
17ZHS108 Physics Laboratory	Mr.Arun Karthick.A.K
17ZHS109 Chemistry Laboratory	Mr.S.Elumalai

Odd Semester Subjects Offered

II Year B.E / CSE - III Semester

MA6351 Transforms and Partial Differential Equations	Mrs.M.Mageswari
CS6301 Programming and Data Structure II	Mrs.N.Jagadeeswari
CS6302 Database Management Systems	Mrs.C.Jothi
CS6303 Computer Architecture	Ms.K.Saridha
CS6304 Analog and Digital Communication	Mr.Mohandass
GE6351 Environmental Science and Engineering	Mr.T.Silambarasan
CS6311 Programming and Data Structure Laboratory II	Mrs.N.Jagadeeswari
CS6312 Database Management Systems Laboratory	Mrs.C.Jothi

Odd Semester Subjects Offered

III Year B.E / CSE - V Semester

MA6566 Discrete Mathematics

Mrs.M.Mageswari

CS6501 Internet Programming

Mr.M.GowriShankar

CS6502 Object Oriented Analysis and Design

Ms.K.Saridha

CS6503 Theory of Computation

Mrs.S.Selvi

CS6504 Computer Graphics

Mrs.M.Subhalakshmi

CS6511 Case Tools Laboratory

Ms.K.Saridha

CS6512 Internet Programming Laboratory

Mrs.S.Selvi

CS6512 Computer Graphics Laboratory

Mrs.Anne Chris Evert

Odd Semester Subjects Offered

IV Year B.E / CSE - VII Semester

CS6701 Cryptography and Network Sec	Mr.CMT.Karthigeyan
CS6702 Graph Theory and Applications	Dr.Govindan
CS6703 Grid and Cloud Computing	Mr.M.GowriShankar
CS6704 Resource Management Techniques	Mr.S.Suresh kumar
CS6003 Ad hoc and Sensor Networks	Mr.C.SatheeshPandian
IT6006 Data Analytics	Mrs.C.Jothi
CS6711 Security Laboratory	Mr.CMT.Karthigeyan
CS6712 Grid and Cloud Computing Laboratory	Mr.M.GowriShankar

Odd Semester Subjects Offered

I Year M.E / CSE - I Semester

17CSPC01 Applied Probability and Statistical Analysis	Mr.S.Suresh Kumar
17CSPC02 Machine Learning Techniques	Mrs.S.Selvi
17CSPC03 Multi-core Architecture	Mr.CMT.Karthigeyan
17CSPC04 Algorithm and Complexity Analysis	Mrs.N.Jagadeeswari
17CSPC05 Linux Kernel	Mr.C.Satheesh Pandian
17CSPC06 Object-Oriented Systems Engineering	Dr.J.Nafeesa Begum
17CSPC07 Algorithm Analysis Lab	Mrs.N.Jagadeeswari

Even Semester Subjects Offered

I Year B.E / CSE - II Semester

17ZHS201 Communicative English II	Mr. Jesu Steephan Samy
17ZHS202 Engineering Mathematics II	Mr.Vadivel
17ZHS203 Engineering Physics II	Mr. Arul Karthik
17ZHS204 Basic Electrical,Electronics and Measurement Engineering	Dr. Francis
17ZHS205 Environmental Science and Engineering	Mr. Silambarasan
17ZHS206 Structured Programming Using C	Mr.M.GowriShankar
17ZHS207ngineering Practices Laboratory	Mr. Anbarasu
17ZHS208 Structured Programming Using C Laboratory	Mr.M.GowriShankar

Even Semester Subjects Offered

II Year B.E / CSE - IV Semester

MA6453 Probability and Queueing Theory	Dr.Govindan
CS6551 Computer Networks	Mrs.C.Jothi
CS6401 Operating Systems	Mrs.Anne Chris Evert
CS6402 Design and Analysis of Algorithms	Mrs.N.Jagadeeswari
EC6504 Microprocessor and Microcontroller	Mrs.Arthi
CS6403 Software Engineering	Ms.K.Saridha
CS6411 Networks Laboratory	Mr.C.Satheesh Pandian
CS6412 Microprocessor and Microcontroller Laboratory	Mrs.Arthi
CS6413 Operating Systems Laboratory	Mrs.Anne Chris Evert

Even Semester Subjects Offered

III Year B.E / CSE - VI Semester

CS6002 Network Analysis and Management	Mrs.M.Subhalakshmi
CS6601 Distributed Systems	Mrs.Anne Chris Evert
IT6601 Mobile Computing	Mr.CMT.Karthigeyan
CS6660 Compiler Design	Mrs.S.Selvi
IT6502 Digital Signal Processing	Mr.Mohandass
CS6659 Artificial Intelligence	Mr.M.GowriShankar
CS6611 Mobile Application Development Laboratory	Mr.CMT.Karthigeyan
CS6612 Compiler Laboratory	Mrs.S.Selvi
GE6674 Communication and Soft Skills - Laboratory Based	Mr. Jesu Stephen Samy

Even Semester Subjects Offered

IV Year B.E / CSE - VIII Semester

MG6088 Software Project Management

Mr.C.Satheesh Pandian

CS6008 Human Computer Interaction

Mrs.C.Jothi

CS6801 Multi – Core Architectures and Programming

Mrs.M.Subhalakshmi

CS6811 Project Work

Dr.J.Nafeesa Begum

Even Semester Subjects Offered

I Year M.E / CSE - II Semester

17CSPC08 Virtualization Techniques

Mrs.N.Jagadeeswari

17CSPC09 Networking Technologies

Mr.C.SatheeshPandian

17CSPC10 Database Engineering

Mr.CMT.Karthigeyan

17CSPC11 Compiler Optimization techniques

Mrs.S.Selvi

17CSPE01 Ethical Hacking

Dr.J.Nafeesa Begum

17CSPE03 Intellectual Property Rights

Dr.J.Nafeesa Begum

17CSPC12 Virtualization Laboratory

Mrs.N.Jagadeeswari

FDP's Conducted

Title	Duration (from – To)	Sponsoring Agency
FDTP on Mobile Computing	22.11.17 to 28.11.17	Anna University

STTP's Conducted

Title	Duration (from – To)	Coordinator
Android Application Development For 2015 -2019 batch CSE	17 March 2018	Prof.C M T Karthikeyan

FDP's Attended

Name of the faculty	Attended institution	Duration (from – To)
Dr.J.Nafeesa Begum	Academic Leadership Programme Islamiah college, vaniyambadi	23.08.17 to 29.08.17
Prof.S.Selvi	AICTE Sponsored two week FDP – Computational Intelligence Adhiyamaan College of Engineering, Hosur	04.12.17 to 17.12.17
Prof.C. Satheesh Pandian	AICTE Sponsored two week FDP – Computational Intelligence Adhiyamaan College of Engineering, Hosur	04.12.17 to 17.12.17

FDP's Attended

Name of the faculty	Attended institution	Duration (from – To)
Prof.M. Gowri Shankar	Infosys Campus Connect Foundation Program 4.1 Paavai Engineering College, Namakkal	03.07.17 to 07.07.17
Prof.N.Jagadeeswari	Context Aware Recommendation System in Cloud Environment Thiagaraja college of Engineering, Madurai	20.11.17 to 03.12.17
Prof.C.M. T. Karthikeyan	Context Aware Recommendation System in Cloud Environment Thiagaraja college of Engineering, Madurai	20.11.17 to 03.12.17

FDP's Attended

Name of the faculty	Attended institution	Duration (from – To)
Prof.N.Jagadee swari	Workshop Swift Programming – Mobile Application development Language, at Secred Heart College - Tirupattur	06.10.17

Invited Lectures

Name of the faculty	Attended institution	Duration (from – To)
Dr.J.Nafeesa Begum	National Conference - Chair Person Government Arts and Science College for Women, Bargur	23.02.2018
Prof.N.Jagadeeswari	Lecture on Cloud Computing at M.Kumarasamy College of Engineering, Karur	05.02.2018

Online Courses Attended by Faculty

Title	Duration (from – To)	Sponsoring Agency
Network Simulation using qualnet	28.09.17	Dellsoft Technologies
NPTEL - Developing Soft skills and Personality	July to Sep 2017	IITK / MHRD
CII Webinar on Common Ortho Problems at Workplace	July to Sep 2017	IITK / MHRD

Online Courses Attended by Student

Name of the faculty	Attended institution	Duration (from – To)
Prof.N.Jagadeeswari	Programming & DS II CSE	Aug to Nov 2017
Mrs.Anne Chris Evert	Operating System IV CSE	Jan to Apr 2018
Prof.S.Selvi	Infosys Campus Connect III CSE	2017-18

Result Statistics (2017-18 Odd Sem)

B.E - CSE

Name of the subject	Pass percentage	Handled by the faculty
17ZHS105 Problem Solving and Python Programming	67.35	Mrs.M.Subhalakshmi
17ZHS107 Problem Solving and Python Programming Laboratory	100	Mrs.M.Subhalakshmi
CS6301 Programming and Data Structure II	87	Mrs.N.Jagadeeswari
CS6302 Database Management Systems	87	Mrs.C.Jothi
CS6303 Computer Architecture	87	Ms.K.Saridha
CS6311 Programming and Data Structure Laboratory II	100	Mrs.N.Jagadeeswari
CS6312 Database Management Systems Laboratory	100	Mrs.C.Jothi

Result Statistics (2017-18 Odd Sem)

B.E - CSE

Name of the subject	Pass percentage	Handled by the faculty
CS6501 Internet Programming	95.31	Mr.M.GowriShankar
CS6502 Object Oriented Analysis and Design	92.19	Ms.K.Saridha
CS6503 Theory of Computation	98.44	Mrs.S.Selvi
CS6504 Computer Graphics	98.41	Mrs.M.Subhalakshmi
CS6511 Case Tools Laboratory	100	Ms.K.Saridha
CS6512 Internet Programming Laboratory	100	Mrs.S.Selvi
CS6512 Computer Graphics Laboratory	100	Mrs.Anne Chris Evert

Result Statistics (2017-18 Odd Sem)

B.E - CSE

Name of the subject	Pass percentage	Handled by the faculty
CS6701 Cryptography and Network Sec	93.85	Mr.CMT.Karthigeyan
CS6703 Grid and Cloud Computing	95.38	Mr.M.GowriShankar
CS6003 Ad hoc and Sensor Networks	93.85	Mr.C.Satheesh Pandian
IT6006 Data Analytics	95.38	Mrs.C.Jothi
CS6711 Security Laboratory	100	Mr.CMT.Karthigeyan
CS6712 Grid and Cloud Computing Laboratory	100	Mr.M.GowriShankar

Result Statistics (2017-18 Odd Sem)

M.E - CSE

Name of the subject	Pass percentage	Handled by the faculty
17CSPC02 Machine Learning Techniques	100	Mrs.S.Selvi
17CSPC03 Multi-core Architecture	100	Mr.CMT.Karthigeyan
17CSPC04 Algorithm and Complexity Analysis	100	Mrs.N.Jagadeeswari
17CSPC05 Linux Kernel	100	Mr.C.SatheeshPandian AP/CSE
17CSPC06 Object-Oriented Systems Engineering	100	Dr.J.Nafeesa Begum
17CSPC07 Algorithm Analysis Lab	100	Mrs.N.Jagadeeswari

Result Statistics (2017-18 Even Sem)

B.E - CSE

Name of the subject	Pass percentage	Handled by the faculty
17ZHS206 Structured Programming Using C	57.14	Mr.M.GowriShankar
17ZHS208 Structured Programming Using C Laboratory	97.96	Mr.M.GowriShankar
CS6551 Computer Networks	85	Mrs.C.Jothi
CS6401 Operating Systems	89	Mrs.Anne Chris Evert
CS6402 Design and Analysis of Algorithms	95	Mrs.N.Jagadeeswari
CS6403 Software Engineering	97	Ms.K.Saridha
CS6411 Networks Laboratory	98	Mr.C.Satheesh Pandian

Result Statistics (2017-18 Even Sem)

B.E - CSE

Name of the subject	Pass percentage	Handled by the faculty
CS6412 Microprocessor and Microcontroller Laboratory	100	Mrs.Arthi
CS6413 Operating Systems Laboratory	100	Mrs.Anne Chris Evert
CS6002 Network Analysis and Management	100	Mrs.M.Subhalakshmi
CS6601 Distributed Systems	96.87	Mrs.Anne Chris Evert
IT6601 Mobile Computing	95.31	Mr.CMT.Karthigeyan
CS6660 Compiler Design	85.93	Mrs.S.Selvi
CS6659 Artificial Intelligence	84.37	Mr.M.GowriShankar

Result Statistics (2017-18 Even Sem)

B.E - CSE

Name of the subject	Pass percentage	Handled by the faculty
CS6611 Mobile Application Development Laboratory	100	Mr.CMT.Karthigeyan
CS6612 Compiler Laboratory	100	Mrs.S.Selvi
MG6088 Software Project Management	100	Mr.C.SatheeshPandian
CS6008 Human Computer Interaction	98.46	Mrs.C.Jothi
CS6801 Multi – Core Architectures and Programming	93.85	Mrs.M.Subhalakshmi
CS6811 Project Work	100	Dr.J.Nafeesa Begum

Result Statistics (2017-18 Even Sem)

M.E - CSE

Name of the subject	Pass percentage	Handled by the faculty
17CSPC08 Virtualization Techniques	100	Mrs.N.Jagadeeswari
17CSPC09 Networking Technologies	100	Mr.C.SatheeshPandian
17CSPC10 Database Engineering	100	Mr.CMT.Karthigeyan
17CSPC11 Compiler Optimization techniques	100	Mrs.S.Selvi
17CSPE01 Ethical Hacking	100	Dr.J.Nafeesa Begum
17CSPE03 Intellectual Property Rights	100	Dr.J.Nafeesa Begum
17CSPC12 Virtualization Laboratory	100	Mrs.N.Jagadeeswari

Placement and Social Responsibility Training

S. No	Act4ivity	Date	Speakers
1	TNSDC Employability Skill Training for ECE and CSE on Cloud Infrastructure and Softskills	17.08.2017 to 7.9.2017	ICT Academy
2	District legal services , Krishnagiri Programme on anti ragging	19.7.2017	TMT.K.ARIVOLI, M.A.B.L, CHAIRMAN Lokadalat TMT.TASNEEM.,M.L DR.C.A.GUNASEKAR, ADVOCATE THIRU. PALANISWAMY, INSPECTOR - BARGUR

Placement and Social Responsibility Training

S. No	Act4ivity	Date	Speakers
3	District legal services , Krishnagiri Programme on “ Cyber security”	15.9.201 7	Thiru D. Mahesh Kumar IPS, Krishnagiri,i TMT.K.ARIVOLI, M.A.B.L, CHAIRMAN Lokadalat TMT.TASNEEM.,M.L DR.C.A.GUNASEKAR, ADVOCATE THIRU. PALANISWAMY, INSPECTOR - BARGUR
4	Seminar and competition for “ legal rights for women” NCW for first year girls	20.11.17 to 21.11.17	CSE faculty

Plan of Action (2018 – 2019)

- FDP- 4 FDPS to be conducted during the Academic Year
- Publications: At least 4 publications by each faculty
- SDP- 4 SDPS to be conducted
- Remedial Classes- Currently Planned for PQT , Other subjects on Need Basis
- Training for faculty: On subject domain /pedagogy at least 3 per faculty
- Conference- September 2018

Plan of Action (2018 – 2019)

- Association Activities
 - Inauguration: August
 - Symposium- August last week
 - Internal technical Meet – February First Week
 - Valedictory – April 2018

Other Achievements

- Students participated in symposiums and have got laurels for the college
- One student Mr. Dharanitharan is selected for state level elocution competition.

Other Achievements

- Infrastructure support and services were provided for the following programmes organized in the department.
 - Online Training for Pharmacists of Government Hospitals
 - Nishkunth – Online reporting system for National Leprosy Eradication Programme
 - Software Suite training for School teachers by Bharatidasan University
 - A **training** programme in Integrated Financial and Human Resources Management System (**IFHRMS**) for the Treasury Department staff and staff of Government offices who are involved in financial activities during June – July 2018,
 - TNEA Facilitation Center.

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THANK YOU

GRACIAS
ARIGATO
SHUKURIA
BOLZIN
MERCY

DANKSCHEEN
TASHAKKUR ATU
YAQHANYELAY
SUKSAMA
EKHMET
MEHRBANI
GRAZIE
PALDIES
MERCY

BIYAN
SHUKRIA

TINGKI

MAKKE
KOMAPSUMNIDA
GOZAIMASHITA
EFCHARISTO
FAXAAR

SPASSHO
DANKSCHEEN
MURIN
SNACHALNYE
CHALTY
YAKHANYELAY
WAKELJA
MAYTERA
YERKARJIM
SHAPKAD
KUMAL
MESH
SPASSHO
DENKULJA
MENAARLNYA
ENLORER
MAYR
G
EODN
SNDALD
MARTIR
MIRNONORAR

**GOVERNMENT COLLEGE OF
ENGINEERING, BARGUR – 635 104
DEPARTMENT OF ECE**

**Annual Report for IQAC
2017-2018**

1.Name of the Department: ECE

2.Degree Offered:

UG: ECE

PG:M.E(Applied electronics)

3. Faculty Position

Post	Sanctioned	Filled
Professor	1	0
Associate Professor	2	0
Asst. Professor	11	8+1

4.Odd semester subjects offered(June 2017-Dec2017)

S.No	Dept/ Year/ Sem	Sub. Code	Subject Name
1	ECE/I/I	17ZES105	Programming in C
2	EEE/I/I	17ZES105	Programming in C

5. Even semester subjects offered (Jan 2018-May 2018)

S.No	Dept/Year/Sem	Sub. Code	Subject Name
1	ECE/I/II	17LPC204	Circuit Analysis
2	ECE/I/II	17LPC206	Electronic Devices
3	ECE/I/II	17LPC208	Circuits and Devices Laboratory

6. Faculty Development Programmes

a. Conducted by the Dept

Title	Duration(from-To)	Sponsoring Agency
-	-	-

b. Attended by the faculty members

Name of the faculty	Attended institution	Duration(from-To)
Mr M.Elangovan,AP/ECE	Sri Ramakrishna Engineering College,Coimbatore.	20.11.17 to 03.12.17
Mrs.M.Kavitha,AP/ECE	Adhiyamaan College Of Engineering-Hosur	04.12.17 to 18.12.17
Mr.K.Manogaran,AP/ECE	MIT,Chennai	11.08.17
Mr.K.Manogaran,AP/ECE	Adhiyaman college of Engineering,Hosur.	04.12.17 to 17.12.17
M.Arulkumar,AP/ECE	Adhiyaman college of Engineering,Hosur.	04.12.17 to 17.12.17
Mr.R.Ranjith,AP/ECE	MIT,Chennai	11.08.17
Mr.T.Mohandoss,AP/ECE	GCEB.	28.06.2018 to 30.06.2018.

7. Online courses attended
NPTEL/MOOC/Course era etc

a. Attended by the faculty members

Title	Duration(from-To,	Sponsoring Agency
Mr. M.Elangovan,AP/ECE -Online Two-Week AICTE approved FDP on "Pedagogy for Online and Blended Teaching-Learning Process"	08.03.18 to 12.04.18	IIT Bombay
Mrs.M.Kavitha,AP/ECE -Online Two-Week AICTE approved FDP on "Pedagogy for Online and Blended Teaching-Learning Process"	03.08.17 To 07.09.17	IIT Bombay

<p>Mrs.M.Kavitha,AP/ECE</p> <p>-Online Two-Week AICTE approved FDP on "Pedagogy for Online and Blended Teaching-Learning Process"</p>	<p>14.09.17 To 12.10.17</p>	<p>IIT Bombay</p>
<p>Mrs.M.Kavitha,AP/ECE</p> <p>-SKAN101xF:Basic 3D Animation using Blender</p>	<p>5.9.17 To 17.12.17</p>	<p>IIT Bombay</p>
<p>Mrs.M.Kavitha,AP/ECE</p> <p>-Developing soft skills and Personality</p>	<p>July-Sep 2017</p>	<p>IIT Kanpur</p>
<p>Mr.K.Manogaran,AP/EC</p> <p>E- Online Two-Week AICTE approved FDP on "Pedagogy for Online and Blended Teaching-Learning Process"</p>	<p>08.03.18 To 12.04.18</p>	<p>IIT Bombay</p>

Mrs.P.Irin AP/ECE	Dorathy -Two-Week AICTE	14.09.17 To 12.10.17	IIT Bombay
approved FDP on "Pedagogy for Online and Blended Teaching-Learning Process"			
Mrs.P.Irin	Dorathy	05 Sept 2017 To 17 Dec 2017	IIT Bombay
AP/ECE- SKANI101xF: Basic 3D Animation using Blender			
Mrs.P.Irin	Dorathy,AP/ECE-Wireless Ad hoc and Sensor Networks		Jan 2017 – April 2017 IIT Bombay
Mrs.P.Irin	Dorathy,AP/ECE-Antennas		Jan 2017 – April 2017 IIT Bombay
Mrs.P.Irin	Dorathy,AP/ECE-Introduction to Research.		Jan 2017 – April 2017 IIT Kanpur

Mrs.P.Irin

July 2017 – Dec 2017

**Dorathy,AP/ECE-Developing
Soft skills and Personality**

IIT Kanpur

Mrs.P.Irin

Jan 2017 – April 2017

**Dorathy,AP/ECE-Outcome
based pedagogic principles for
effective teaching.**

IIT Bombay

M.Arulkumar,AP/ECE

08.03.18 to 12.04.18

IIT Bombay

**-Online Two-Week AICTE
approved FDP on "Pedagogy
for Online and Blended
Teaching-Learning Process"**

b. Attended by the student

Name of the faculty institution	Attended	Duration(from-To)
-	-	-

8.Result Statistics of subjects offered by the Department in the academic year 2017-18

Name of the subject	Pass percentage	Handled by the faculty
Circuit Analysis	89.36	M.Arulkumar,AP/ECE
Electron Devices	87.23	Mr M.Elangovan,AP/ECE
Circuits and Devices Laboratory	100	M.Arulkumar,AP/ECE

9. Remedial classes conducted

Name of the subject	Hours offered	Handlingby the faculty
II Year-OOPS &DS	20	M.Anne chris evert,GL/CSE
III Year-DSP	20	R.Ranjith,AP/ECE
III Year-TLW	20	T.Mohandoss,AP/ECE
IV Year-RF&MW	20	M.Kavitha,AP/ECE
IVYear-Optoelectronic Devices	20	M.Elangovan,AP/ECE

10.Publications 2017-2018

Title of the Paper	Journal information	Faculty
Carbon Nanotubes: Properties and Applications - A Brief Review	i-manager's Journal on Electronics Engineering, vol. 7, no. 3, pp.1-6(ISSN 2229-7286).	M.Kavitha & Dr.A.M.Kalpana
Distortion Analysis of 1.3 μm AlGaLnAs/InP Transistor LASER	Springer Proceedings in Physics	Mr.R.Ranjith

11. Research Projects 2017-2018

Project	Sponsored Agency	Amount and Status
-	-	-
-	-	-
-	-	-

12. Plan of action for the year 2018-2019

Si. No	Programme	Number of Courses
a.	FDP	6
b.	SDP	9
c.	Remedial classes	6
d.	Symposium	1
e.	Conference	1-National Level

a.FDP

S.No	Title	Beneficiary	Organizer
1	Pedagogy	Internal &External faculty members	M.Elangovan
2	VLSI	Internal &External faculty members	M.Kavitha
3	Arduino	Internal &External faculty members	K.Manogaran
4	ARMController	Internal &External faculty members	K.Manogaran
5	SDR	Internal &External faculty members	G.Suchitra
6	Antenna design	Internal &External faculty members	M.Arulkumar

b.SDP

S.No	Title	Beneficiary	Organizer
1	Gate class	Students	M.Elangovan
2	Soldering Practices	Students	M.Kavitha
3	VLSI	Students	M.Kavitha
4	Gate coaching	Students	M.Kavitha
5	Arduino	Students	K.Manogaran
6	IOT	Students	K.Manogaran
7	PIC	Students	K.Manogaran
8	Familiarisation with advanced test and measuring instruments	Students	G.Suchitra
9	Antenna design	Students	M.Arulkumar

c. Remedial Classes

S.No	Subject	Beneficiary
1	Network Analysis and Synthesis	II Year Students
2	OOPS &DS	II Year Students
3	DSP	III Year Students
4	TLW	III Year Students
5	RF&MW	IV Year Students
6	Optoelectronic Devices	IV Year Students

**13. Any other achievements
by the Department in the
year 2017-2018**



ANNUAL REPORT
FOR
IQAC 2017-18

DEPARTMENT OF EEE

DEGREE OFFERED

□ UG:

- BE-Electrical and Electronics Engineering(Full Time)
- BE-Electrical and Electronics Engineering(Part Time)

□ PG:

- ME-Power Electronics and Drives (Full Time)



NBA ACCREDITATION DETAILS

- NBA Accredited from academic year 2015-16
- Accredited Programme:
 - BE – Electrical and Electronics Engineering(Full Time)



FACULTY POSITION

Post	Sanctioned	Filled
Professor	2	0
Associate Professor	4	0
Assistant Professor	11	9



ODD SEMESTER SUBJECTS OFFERED JUNE 2017 – DEC 2017 (UG – PART TIME)

SI No	Subject Code	Subject Name
1	17PTEPC104	Electric Circuit Analysis
2	17PTEES105	Computer Programming Laboratory




ODD SEMESTER SUBJECTS OFFERED JUNE 2017 – DEC 2017 (PG – FULL TIME)

SI No	Subject Code	Subject Name
1	17PEPC02	Power Semiconductor Devices
2	17PEPC03	Analysis of Electrical Machines
3	17PEPC04	Analysis and Design of Converters
4	17PEPC05	Analysis and Design of Inverters
5	17PEPE01	System Theory
6	17PEPC06	Advanced Power Electronics Laboratory



EVEN SEMESTER SUBJECTS OFFERED
JAN 2018 – MAY 2018 (UG – FULL TIME)

SI No	Sem/ Branch	Subject Code	Subject Name
1	II CSE	17SES204	Basic Electrical, Electronics and Measurements Engineering
2	II Mech	17MES204	Basic Electrical, Electronics and Instrumentation Engineering
3	II EEE	17EPC206	Electric Circuit Analysis
4	II Mech	17MES208	Basic Electrical, Electronics and Instrumentation Engineering Lab
5	II EEE	17EPC208	Electric Circuits Laboratory
6	II (All Branches)	17ZES207	Engineering Practices Laboratory



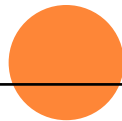
EVEN SEMESTER SUBJECTS OFFERED
JAN 2018 – MAY 2018 (UG – PART TIME)

SI No	Subject Code	Subject Name
1	17PTEPC201	Measurements and Instrumentation
2	17PTEPC202	Electromagnetic Theory
3	17PTEPC204	Analog Electronics



EVEN SEMESTER SUBJECTS OFFERED
JAN 2018 – MAY 2018 (PG – FULL TIME)

SI No	Subject Code	Subject Name
1	17PEPC07	Solid State DC Drives
2	17PEPC08	Solid State AC Drives
3	17PEPC09	Special Electrical Machines
4	17PEPC10	Power Quality
5	17PEPE12	Solar and Energy Storage Systems
6	17PEPE18	Power Electronics for Renewable Energy Systems
7	17PEPC11	Electrical Drives Laboratory



FACULTY DEVELOPMENT PROGRAMMES

ATTENDED BY FACULTY MEMBERS

SI No	Name of the Faculty	Attended Institution	Duration (from-to)
1	Prof.M.Bhavani Prof.V.Arivumani	Vivekananda College of Engineering for Women, Tiruchengode	20.11.17 - 03.12.17



ONLINE COURSES ATTENDED NPTEL/ MOOC/ COURSE ERA ATTENDED BY FACULTY

SI No	Name of the Faculty	Title	Duration (from-to)
1	Prof.K.Mohan	Design of Photovoltaic Systems (IISC Bangalore)	July-Oct 2017



**RESULT STATISTICS OF SUBJECTS OFFERED BY THE
DEPARTMENT IN THE ACADEMIC YEAR 2017-18
(ODD SEM – UG & PG)**

SI No	Subject Code	Name of the Subject	Pass Percentage	Handled by the Faculty
UG - I EEE (PT - Sem I)				
1	17PTEPC104	Electric Circuit Analysis	85.71	Ms.A.Archana
2	17PTEES105	Computer Programming Laboratory	100	Dr.I.Thangaraju
PG - I ME PED (FT - Sem I)				
3	17PEPC02	Power Semiconductor Devices	100	Dr.I.Thangaraju
4	17PEPC03	Analysis of Electrical Machines	100	Dr.R.Francis
5	17PEPC04	Analysis and Design of Converters	100	Prof.K.Mohan
6	17PEPC05	Analysis and Design of Inverters	100	Prof.M.Bhavani
7	17PEPE01	System Theory (Professional Elective - 1)	100	Prof.A.Thangaraj
8	17PEPC06	Advanced Power Electronics Laboratory Circuits Lab	100	Dr.V.Adhimoorthy

RESULT STATISTICS OF SUBJECTS OFFERED BY THE DEPARTMENT IN THE ACADEMIC YEAR 2017-18 (EVEN SEM UG FULL TIME)

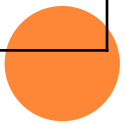
SI No	Subject Code	Name of the Subject	Pass Percentage	Handled by the Faculty
UG - I BE (FT - Sem II)				
1	17SES204 (CSE)	Basic Electrical, Electronics and Measurements Engineering	70.83	Dr.R.Francis
2	17MES204 (Mech)	Basic Electrical, Electronics and Instrumentation Engineering	52.54	Dr.R.Francis
3	17EPC206 (EEE)	Electric Circuit Analysis	66	Dr.K.Asokan
4	17MES208 (Mech)	Basic Electrical, Electronics and Instrumentation Engineering Lab	100	Dr.R.Francis
5	17EPC208 (EEE)	Electric Circuits Laboratory	100	Dr.I.Thangaraju
6	17ZES207 (CSE)	Engineering Practices Laboratory	100	Prof.M.Bhavani
7	17ZES207 (ECE)	Engineering Practices Laboratory	100	Prof.K.Mohan
8	17ZES207 (EEE)	Engineering Practices Laboratory	100	Prof.K.Mohan
9	17ZES207 (MECH)	Engineering Practices Laboratory	100	Prof.K.Asokan

RESULT STATISTICS OF SUBJECTS OFFERED BY THE DEPARTMENT IN THE ACADEMIC YEAR 2017-18 (EVEN SEM UG PART TIME & PG FULL TIME)

SI No	Subject Code	Name of the Subject	Pass Percentage	Handled by the Faculty
UG - I BE (PT - Sem II)				
1	17PTEPC201	Measurements and Instrumentation	42.85	Prof.K.Mohan
2	17PTEPC202	Electromagnetic Theory	64.28	Dr.R.Francis
3	17PTEPC204	Analog Electronics	92.85	Ms.S.Saranya
PG - I ME PED (FT - Sem II)				
1	17PEPC07	Solid State DC Drives	100	Prof.M.Bhavani
2	17PEPC08	Solid State AC Drives	100	Prof.P.Sakthivel
3	17PEPC09	Special Electrical Machines	100	Prof.K.Mohan
4	17PEPC10	Power Quality	100	Prof.V.Arivumani
5	17PEPE12	Solar and Energy Storage Systems	100	Prof.A.Thangaraj
6	17PEPE18	Power Electronics for Renewable Energy Systems	100	Dr.I.Thangaraju
7	17PEPC11	Electrical Drives Laboratory	100	Prof.M.Bhavani

PUBLICATIONS

SI No	Title of the Paper	Journal	Faculty
1	An Intelligent Soft Computing Technique for Optimal Power Dispatch of Hydrothermal Power Systems	International Journal of Applied Engineering Research, Vol-13, No. 12, Page: 10939-10947, 2018	Dr.K.Asokan, AP/EEE
2	Sigma - Delta Controller for Speed Regulation of Interleaved Converter fed PMDC Motor Drive	International Journal of Computer sciences and Engineering, Vol-6, Issue - 6, Page-137-140, 2018	



PLAN OF THE ACTION FOR THE YEAR 2018-2019 - FACULTY DEVELOPMENT PROGRAMMES

- ❑ Optimization Techniques in Engineering Applications
- ❑ Embedded Controllers for Electrical Drives
- ❑ Power quality issues and Mitigation
- ❑ Realization of Control Techniques using MATLAB
- ❑ Role of HVDC & FACTS in Power Systems
- ❑ Challenges and Opportunities in Smart Grid



PLAN OF THE ACTION FOR THE YEAR 2018-2019 - STAFF DEVELOPMENT PROGRAMMES

- Repairing of Electrical Appliances
- Internet and LAN Maintenance
- Generator Maintenance and Diagnostics
- PCB fabrication
- Stress management and Personality Development
- Earthing Practices to Electrical Engineers



PLAN OF THE ACTION FOR THE YEAR 2018-2019 – REMEDIAL CLASSES

□ Odd Sem

- Electromagnetic Theory (II EEE)
- Power System Analysis (II EEE)
- Electrical machines II (III EEE)
- Control Systems (III EEE)

□ Even Sem

- DC Machines and Transformers (II EEE)
- Transmission and Distribution (II EEE)
- Power System Operation and Control (III EEE)
- Design of Electrical Machines (III EEE)



OTHER ACHIEVEMENTS

- Following team won the second price in the category of Science Model Competition conducted by the Science City during the Chennai Science Festival 2018 from 21st to 24th Feb 2018.
- Project Title: Prevention of Bike Skitting using Arduino Controller
- Team Members:
 - Mr.P.Sakthivel, AP/EEE
 - S.Iyappan (IV EEE – 2014-18 Batch)
 - S.Prasanna Venkatesh(IV EEE – 2014-18 Batch)



Annual Report for IQAC 2017-18

Government College of Engineering, Bargur
Department of Mechanical Engineering

Faculty Position

Post	Sanctioned	Filled
Professor	1	1
Associate Professor	3	0
Asst. Professor	10	10

Odd semester subjects offered (June 2017-Dec 2017)

17ZBS102 – Engineering Mathematics I

17ZHS101 – Communicative English I

17ZBS103 – Engineering Physics I

17MBS104 – Applied Chemistry

17ZES105 – Programming in C

17MBS106 – Engineering Graphics

17ZES107- Programming in C Laboratory

17ZBS108 – Physics Laboratory

17ZBS109 –Chemistry Laboratory

Even semester subjects offered (Jan 2018 – May 2018)

17ZHS201 – Communicative English II

17ZBS202 – Engineering Mathematics II

17ZBS203 – Engineering Physics II

**17MES204 – Basic Electrical, Electronics and Instrumentation
Engineering**

17ZBS205 – Environmental Science and Engineering

17MES206 – Engineering Mechanics

17ZES207 – Engineering Practices Laboratory

**17MES208 – Basic Electrical, Electronics and Instrumentation
Engineering Lab**

Faculty development programmes Conducted by the Dept.

Title	Duration (from – To)	Sponsoring Agency
Creation of interactive video lectures and use of ICT tools in teaching	20.06.2018 to 21.06.2018	TEQIP III
Outcome Based Education And NBA Accreditation	28.06.2018 to 30.06.2018	TEQIP III

Faculty development programmes - Attended by the faculty members

Name of the faculty	Attended institution	Duration (from – To)
Dr.I.Rahamathullah	NIT Roorki	29.5.2017 to 9.6.2017
Dr.I.Rahamathullah	EGS Pillai Engineering College, Nagapattinam	20.11.2017 – 03.12.2017
Prof.D.Kulandaivel	Annamalai University	29.5.2017 to 9.6.2017
Prof.D.Kulandaivel	Annamalai University	11.12.2017 to 24.12.2017
Prof. I.Ashokkumar	Annamalai University	11.12.2017 to 24.12.2017

**Online courses attended NPTEL/MOOC/Course era etc.
Attended by the faculty members**

Title	Duration (from – To)	Sponsoring Agency
Outcome Based Pedagogic Principles for Effective Teaching	July to December 2017	TEQIP II

**Online courses attended NPTEL/MOOC/Course era etc. -
Attended by the student**

Name of the student	Attended institution	Duration (from – To)
SHARMA V	GCE BARGUR	July to December 2017

Result Statistics of subjects offered by the Department in the academic year 2017-18 **June – December 2017**

Name of the subject	Pass percentage	Handled by the faculty
17ZBS102 – Engineering Mathematics I	66.66	Mr.S.Gowtham Prakash, GL/Maths
17ZHS101 – Communicative English I	100	Mr.C.Santhosh Kumar, GL/English
17ZBS103 – Engineering Physics I	86.27	Dr.D.Karthikeyan, AP/Physics
17MBS104 – Applied Chemistry	45.09	Mr.S.Parameshwaran, AP/Chemistry
17ZES105 – Programming in C	49.02	Miss. M.Anne Christevrt, GL/CSE
17MBS106 – Engineering Graphics	92.15	Dr.P.Thirumal, AP/Mech
17ZES107- Programming in C Laboratory	100	Miss. M.Anne Christevrt, GL/CSE
17ZBS108 – Physics Laboratory	100	Mrs.M.B.Usha, Asso. Prof/Physics, Mr.R.Bakkiayaraj, AP/Physics, Dr.D.Karthikeyan, AP/Physics and Mr.A.K.Arun Karthik, GL/Physics
17ZBS109 –Chemistry Laboratory	94.12	Dr.G.Saraswathi, AP/Chemistry, Mr.S.Parameshwaran, AP/Chemistry and Mr.S.Elumalai, AP/Chemistry

Result Statistics of subjects offered by the Department in the academic year 2017-18 **January – May 2018**

Name of the subject	Pass percentage	Handled by the faculty
17ZHS201 – Communicative English II	100	Mr.C.Santhosh Kumar, GL/English
17ZBS202 – Engineering Mathematics II	42.22	Mr.S.Gowtham Prakash, GL/Maths
17ZBS203 – Engineering Physics II	88.88	Dr.D.Karthikeyan, AP/Physics
17MES204 – Basic Electrical, Electronics and Instrumentation Engineering	48.88	Dr.R.Francis, AP/EEE
17ZBS205 – Environmental Science and Engineering	86.6	Mr.S.Parameshwaran, AP/Chemistry
17MES206 – Engineering Mechanics	72.09	Mr.Gokul, GL/Mech
17ZES207 – Engineering Practices Laboratory	100	Mrs. M.Bhavani, AP/EEE, Dr.R.Francis, AP/EEE and Mr.P.Natarajan, AP/Mech
17MES208 – Basic Electrical, Electronics and Instrumentation Engineering Lab	100	Dr.R.Francis, AP/EEE, Dr.K.Asokan, AP/EEE and Dr.V.Adimoorthy, AP/EEE

Publications 2017-2018

Title of the Paper	Journal information	Faculty
Parametric optimization for improving impact strength of squeeze cast of hybrid metal matrix (LM24–SiC_p–coconut shell ash) composite. (Dr.P.K.Palani)	Journal of the Brazilian Society of Mechanical Sciences and Engineering	Mechanical Engineering
Indoor air quality investigations in hospital patient room (Dr.P.Thirumal)	International Journal of Biomedical Engineering and Technology	Mechanical Engineering

Research Projects 2017-2018

Project	Sponsoring agency	Amount and Status
Studies on development of an integrated approach for rapid modelling of annular combustors of aero gas turbines.	SERB	Rs.25 Lakhs. & Ongoing
Development of fused filament deposition based 3D printer and green filament from recycled e-waste and plastic waste.	DST	Rs.38.83 Lakhs & Ongoing

Students Development Programmes to be conducted under TEQIP - III

S. No.	Programme Title	Year	Department	Duration
1.	Recent Trends in Heat and Mass Transfer	Third year	Mechanical	Two Day
2.	Recent trends in Renewable Energy	Final year	Mechanical	Two Day
3.	Advanced Thermodynamics for Mechanical Engineers	Second year	Mechanical	Two Day
4.	Alternate Energy Technologies	Final	Mechanical	Two Day
5.	Applications of Computational Fluid Dynamics	Final year	Mechanical	Two days
6.	Multi Body Dynamic analysis using ADAMS	Third year	Mechanical	Two days
7.	3D Printing techniques and its application	Second year	Mechanical	Two days
8.	Quantitative aptitude development	Final year	Mechanical	Two days
9.	Communication and personality development	Final year	Mechanical	Two days
10.	Modelling and simulation using solid works	Third year	Mechanical	Two days

Faculty Development Programmes to be conducted under TEQIP-III

S. No.	Programme Title	Faculty	Duration
1.	Recent Advances in I.C. Engines Research	Faculties of Mechanical Engineering (Both Internal and External)	One Week
2.	Recent Advances in Alternative fuels Research	Faculties of Mechanical Engineering (Both Internal and External)	One Week
3.	Advanced IC Engine Technologies	Faculties of Mechanical Engineering (Both Internal and External)	One Week
4.	New Technology of Internal Combustion Engine	Faculties of Mechanical Engineering (Both Internal and External)	One Week
5.	Automotive Engines for Mechanical Engineers	Faculties of Mechanical Engineering (Both Internal and External)	One Week
6.	Power Generation and refrigeration by thermal engineering	Faculties of Mechanical Engineering (Both Internal and External)	One Week
7.	Recent Advances in Manufacturing Techniques	Faculties of mechanical engineering (Both external and internal)	One week
8.	Application of optimization techniques in Mechanical Engineering	Faculties of mechanical engineering (Both external and internal)	One week
9.	Research opportunities in CAD/CAM/CAE	Faculties of mechanical engineering (Both external and internal)	One week

Staff Development Programmes to be conducted under TEQIP-III

S. No.	Programme Title	Faculty	Duration
1.	5S Work place organization	All non-teaching staff	Two days
2.	Fire safety/First aid and Rescue techniques	All non-teaching staff	Two days

THANK YOU

**GOVERNMENT COLLEGE OF ENGINEERING
(AUTONOMOUS), BARGUR**

DEPARTMENT OF PHYSICS

IQAC Report 2017-2018

20 July 2018

•Name of the Department: **PHYSICS**

1.NBA accreditation details:

•Degree Offered: NAUG: NA PG: NA

•Faculty Position:

Post	Sanctioned	Filled
Professor	Nil	Nil
Associate Professor	1	0
Asst. Professor	3	3

- **Odd semester subjects offered (June 2017-Dec 2017)**

1. Engineering Physics I (17ZBS103)
2. Physics Laboratory (17ZBS108)

- **Even semester subjects offered (Jan 2018 – May 2018)**

1. Engineering Physics II (17ZBS203)

Faculty development programmes attended by the faculty members

Name of the faculty	Attended institution	Duration (from – To)
D. Karthickeyan	Alagappa Chettiyar Government College of Engineering and Technology, Karaikudi	21/11/017 to 04/12/2017

Result Statistics of subjects offered by the Department in the academic year 2017-18

Name of the subject	Pass percentage	Handled by the faculty
Engineering Physics I (MECH)	86.2 %	Dr. D. Karthickeyan
Engineering Physics I (ECE)	87.7 %	Prof. M. B. Usha
Engineering Physics I (EEE)	89.3 %	Prof. R. Bakkiyaraj
Engineering Physics I (CSE)	97.9 %	Mr. A. K. Arun karthik
Physics Laboratory (MECH)	100 %	Prof. M. B. Usha, Prof. R. Bakkiyaraj, Dr. D. Karthickeyan, Mr. A. K. Arun karthik
Physics Laboratory (ECE)	100 %	Prof. M. B. Usha, Prof. R. Bakkiyaraj, Dr. D. Karthickeyan, Mr. A. K. Arun karthik
Physics Laboratory (EEE)	100 %	Prof. M. B. Usha, Prof. R. Bakkiyaraj, Dr. D. Karthickeyan, Mr. A. K. Arun karthik
Physics Laboratory (CSE)	100 %	Prof. M. B. Usha, Prof. R. Bakkiyaraj, Dr. D. Karthickeyan, Mr. A. K. Arun karthik
Engineering Physics II (MECH)	85.7 %	Dr. D. Karthickeyan
Engineering Physics II (ECE)	97.8 %	Prof. M. B. Usha
Engineering Physics II (EEE)	100 %	Prof. R. Bakkiyaraj
Engineering Physics II (CSE)	100 %	Mr. A. K. Arun karthik

Plan of action for the year 2018-2019

1. FDP – Hands on training program on utilizing material characterization tools like XRD, FTIR, UV- Vis and PL for three days
2. SDP – One day workshop about material characterization using XRD and FTIR

Thank You



**Department of Technical Education
GOVERNMENT COLLEGE OF ENGINEERING (Autonomous),
BARGUR – 635 104.**

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

DEPARTMENT OF CHEMISTRY

**Annual Report for IQAC
2017-2018**



**Department of Technical Education
GOVERNMENT COLLEGE OF ENGINEERING (Autonomous),
BARGUR – 635 104.**

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

VISION

- **To provide world class engineers who are ethically good, sincere, faithful and duty conscious good citizens of our motherland.**

MISSION

- **To groom the students community through learner centric quality lectures, laboratories, library and value added training.**



Department of Technical Education
GOVERNMENT COLLEGE OF ENGINEERING(AUTONOMOUS),
BARGUR – 635 104.

DEPARTMENT OF CHEMISTRY

VISION

- Our vision is to promote education with a commitment for development of the individual and the society as a whole.

MISSION

- The mission and goal is to edify and develop talented engineers who will be prepared to go out and change the world.



Dept. of CHEMISTRY: Faculty Position

Post	Sanctioned	Filled
Professor	0	0
Associate Professor	1	0
Asst. Professor	3	3
TOTAL	4	3



Odd semester Courses offered (June 2017 – Dec'2017)

Degree/Year/ Sem./Branch	Course code	Course title
B.E (FT) / I yr / 01 sem. Common for ECE/EEE/CSE	17ZBS104	Engineering Chemistry
B.E (FT) / I yr / 01 sem./MECH.	17MBS104	Applied Chemistry
B.E (FT) / I yr /01 sem./ECE/EEE/CSE/MECH	17ZBS109	Chemistry Laboratory
B.E (PT) / I yr / 01 sem./EEE.	17PTEBS103	Applied Chemistry



Even semester Courses offered (Jan' 2018 – May 2018)

Degree/Year/ Sem./Branch	Course code	Course title
B.E (FT) / I yr /02 sem. Common to ECE/EEE/CSE/MECH	17ZBS205	Environmental Science and Engg.
B.E (PT) / I yr / 02 sem./EEE.	17PTEBS203	Environmental Science and Engg.



Faculty Development Programmes

a. Conducted by the Dept.: NIL

b. Attended by the faculty members : listed below

Name of the faculty	Attended Institution	Duration
Dr.Saraswathy.G, AP(Sr.G)/Chemistry	Title: ” Academic Leadership Training Programme” Islamiah College (Autonomous), Vaniyambadi, Vellore Dist.	23 rd August to 29 th August 2017
Dr.Saraswathy.G, AP(Sr.G)/Chemistry	Title: ” Creation of Interactive Video Lectures & Use of ICT Tools in Teaching”, TEQIP – III sponsored workshop organized by Dept. of Mechanical, GCE, Bargur.	20.06.2018 and 21.06.2018
Prof. S.Parameswaran AP/Chemistry		
Dr.S.Elumalai, AP/Chemistry		
Dr.Saraswathy.G, AP(Sr.G)/Chemistry	Title: “Outcome based Education and NBA Accreditation”, TEQIP – III sponsored workshop organized by Dept. of Mechanical, GCE, Bargur.	28.06.2018 to 30.06.2018
Prof. S.Parameswaran AP/Chemistry		
Dr.S.Elumalai, AP/Chemistry		



Online courses attended

Online courses attended NPTEL/MOOC/Courses era etc.

a. Attended by the faculty members: - **NIL**

b. Attended by the student: **NIL**



Result statistics of courses offered by Dept. of Chemistry in the academic year 2017-2018

Name of the course	Degree/Yr/Sem./Branch	Pass percentage	Handled by the faculty
Engineering Chemistry	B.E (FT) / I yr / 01 sem./<u>ECE</u>	87.7%	Dr. Saraswathy.G, AP/Chem.
	B.E (FT) / I yr / 01 sem./<u>EEE</u>	93.41 %	Dr. S.Elumalai, AP/Chem.
	B.E (FT) / I yr / 01 sem./<u>CSE</u>	91.8 %	Dr. S.Elumalai, AP/Chem.
	B.E (FT) / I yr / 01 sem./<u>MECH</u>	54.9 %	Prof. S.Parameswaran, AP/Chem.
Chemistry Laboratory	B.E (FT) / I yr / 01 sem./<u>ECE</u>	97.95 %	Dr. Saraswathy.G, Dr. S.Elumalai, Prof. S.Parameswaran, Thiru. R.Silambarasan
	B.E (FT) / I yr / 01 sem./<u>EEE</u>	100 %	
	B.E (FT) / I yr / 01 sem./<u>CSE</u>	100 %	
	B.E (FT) / I yr / 01sem./<u>MECH</u>	94.12 %	
Environmental Science and Engineering	B.E (FT) / I yr / 02 sem./<u>ECE</u>	93.6 %	Dr. Saraswathy.G, AP/Chem.
	B.E (FT) / I yr / 02 sem./<u>EEE</u>	93.4 %	Thiru. R.Silambarasan, Adhoc/Chem.
	B.E (FT) / I yr / 02 sem./<u>CSE</u>	93.8 %	Dr. S.Elumalai, AP/Chem.
	B.E (FT) / I yr / 02sem./<u>MECH</u>	86.6 %	Prof. S.Parameswaran, AP/Chem.

RESULT STATISTICS – B.E/I year : 2017-18.

The result statistics of B.E/I yr students for chemistry course in the academic year 2017-2018 is given below:

Branch	2017-18	
	01 semester	02 semester
ECE	87.7%	93.6 %
EEE	93.41 %	93.4 %
CSE	91.8 %	93.8 %
MECH	54.9 %	86.6 %



Online courses attended

Online courses attended NPTEL/MOOC/Courses era etc.

a. Attended by the faculty members: - **NIL**

b. Attended by the student: **NIL**

► Remedial classes conducted: **NIL**

► Publications 2017-2018:

Title of the paper	Journal information	Name of the Faculty
Synthesis, structural characterization and antimicrobial activities of polyindole stabilized Ag-Co ₃ O ₄ nanocomposite by reflux condensation method.	Elsevier Journal : Materials Chemistry and Physics Accepted 21 May 2018 P.no.:216 (2018) 305 – 315; Year: 2018 ISSN: 0254-0584	Dr. Saraswathy.G, AP(Sr.G)/Chem.

□ **Research Projects 2017-2018: NIL**

□ **Plan of action for the year 2018-2019:**

FDP : 01

Title: *“Contributions and Challenges of Environmental Chemistry for Sustainable Development”*

THANK YOU

