

6.3 Faculty Empowerment Strategies

6.3.3 Performance Appraisal System for teaching and non-teaching staff

The performance appraisal system of the staff to evaluate and ensure that information on multiple activities is appropriately captured and considered for better appraisal. The institution practices self-appraisal of the teaching staff, student's evaluation, etc.

Summary Report of Performance Appraisal

Academic year 2018-2019

S.No	Staff Name	Grade	Remarks
1.	Dr. Jagajothi G.	3	
2.	Dr. Robinson S.	3	
3.	Mrs. Taksala Devapriya A.	3	
4.	Mr. Arun Kumar R.	3	
5.	Ms. Balasharmitha T.	2	
6.	Mr. Kameswaran T.	1	
7.	Mrs. Senthil Priya RM.	3a	
8.	Mr. Premkumar R.	3	
9.	Mr. Vijaynagaraj CT.	2	
10.	Mr. Hesanth Kumar A.	1	
11.	Mr. Marceswaran M.	2	
12.	Mr. Ramachandran K.	3	
13.	Ms. Karthika R.	3	
14.	Ms. Lachimipriya K.	2	
15.	Mr. Ramkumar V.	2	
16.	Mrs. Subashini S.	2	
17.	Mr. Ganesan S.	3	
18.	Ms. Melita Magdella P.	2	
19.	Ms. Valliammai PR.	2	

0-Poor 1-Average 2-Good 3-Very Good 4-Excellent


HOD/ECE



Mount Zion College of Engineering & Technology
To Make Man Whole!!

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ACADEMIC PERFORMANCE SHEET

Name of the Faculty: S.GANESAN, A.P/ECE

Department: ECE

Years of Experience: 11 years (Total) 6 years (MZCET)

Date: 11.05.2019

CATEGORY I: TEACHING, LEARNING AND EVALUATION RELATED ACTIVITIES

A. Subjects handled and pass percentage in the end examinations

Academic Year	Subjects	Pass Percentage
Nov/Dec 2018	Microprocessor & Microcontroller	84.5%
May/Jun 2018	Linear Integrated Circuits	60%
Nov/Dec 2017	Microprocessor & Microcontroller	82.8%
May/Jun 2017	Electronic Circuits II	92.1%
Nov/Dec 2016	Satellite Communication	99.0%
May/Jun 2016	Computer Networks	92.6%
Nov/Dec 2015	Electronic Circuits I	88.2%
Nov/Dec 2015	High speed networks	72.0%
May/Jun 2015	Electronic Circuits II	78.2%
Nov/Dec 2014	Digital Communication	83.3%
Nov/Dec 2014	ADCT	87.5%
May/Jun 2014	Communication Theory	98.2%
May/Jun 2014	Medical Electronics	96.8%
Nov/Dec 2013	Digital Image Processing	90.2%

Nov/Dec 2013	Analog and Digital Communication	97.0%
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B. Any new experiments added in the laboratory. (Provide the details)

Academic Year	Name of the Laboratory	Details
May/Jun 2019	Circuits Design and Simulation lab.	Simulation of Oscillators
Nov/Dec 2018	Microprocessor and Microcontroller lab.	Mini projects using Arduino microcontroller
May/June 2018	LIC lab	Mini projects using IC 741
Nov/Dec 2017	Microprocessor and Microcontroller lab.	Palindrome finding
Nov/Dec 2014	Communication Systems Lab.	Pre-emphasis and De-emphasis
May/Jun 2017	Circuits and Simulation Integrated lab.	Simulation of Oscillators

C. Handling aptitude class / Gate coaching / Value added course / 24 hours workshop. (Provide the details)

Academic Year/Date	Nature of the Activity	Give details of your role
2016-2017	Gate Coaching	Analog Circuits
2017-2018 (13.10.2017)	24 hours' workshop	PCB design (4 th SEM ECE)
2018-2019 (10.9.2018)	One day workshop in Arduino	Co-Ordinator
2018-2019 (20.09.2018)	24 hours' workshop in IoT	Co-Ordinator

CATEGORY II: PROFESSIONAL DEVELOPMENT AND CO-CURRICULAR ACTIVITIES

A. Conference/seminars/workshops attended by the faculty (Other than MZCET)

Date	Programme	Institution
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20.02.19	Presented Paper on the title "IOT Based Smart Museum using MATLAB Software" in the 6 th National Conference on Communication, Information & Control Systems (NCCICS-19)	V.V. College of Engineering, Thoothukudi
20.02.19	Presented Paper on the title "IOT based Automatic Accident Detection" in the 6 th National Conference on Communication, Information & Control Systems (NCCICS-19)	V.V. College of Engineering, Thoothukudi
20.02.19	Presented Paper on the title "IOT based Automatic Irrigation Systems with Soil Nutrient Measurement" in the 6 th National Conference on Communication, Information & Control Systems (NCCICS-19)	V.V. College of Engineering, Thoothukudi
09.03.19	Presented Paper on the title "Integrated sensors for smart city application using IOT" in the 2 nd National Conference on Advanced Computing, Communication and Power Systems (NCACCP-2K19)	St. Joseph's College of Engineering and Technology, Thanjavur
09.03.19	Presented Paper on the title "Density based smart traffic light control using Arduino" in the 2 nd National Conference on Advanced Computing, Communication and Power Systems (NCACCP-2K19)	St. Joseph's College of Engineering and Technology, Thanjavur
23.03.19	Presented Paper on the title "IOT based smart museum using ARDUINO and MATLAB software" in the 2 nd International Conference on Innovation in Electrical, Information and Communication Engineering (ICIEICE'19)	Kongunadu College of Engineering and Technology, Thottiam
23.03.19	Presented Paper on the title "IOT based automatic irrigation system with soil nutrients N,P and K measurement using ARDUINO" in the 2 nd International Conference on Innovation in Electrical, Information and Communication Engineering (ICIEICE'19)	Kongunadu College of Engineering and Technology, Thottiam
23.03.19	Presented Paper on the title "IOT based Automatic Accident Detection" in the 2 nd International Conference on Innovation in Electrical, Information and Communication Engineering (ICIEICE'19)	Kongunadu College of Engineering and Technology, Thottiam

1* Mar, 2017	AICTE startup policy 2016	Anna University, Chennai
9-11 Feb, 2017	IoT for Emerging Engineering Applications in Smart City	PSG College of Technology, Coimbatore
03.09.2016	FDP on Software tools handling	Thiyagarajar College of Engineering, Madurai
15-16 Jul, 2016	Realization of IoT using Raspberry Pi	Pantech ProEd Pvt. Ltd
17.08.2013	Signal Processing and its Application	Kongunadu Coll. Of Engg. And Tech., Thottiam
27.07.2013	Preparation of Business Project	(IECD) Bharathidasan University, Trichy
12.09.2013	Digital Signal Processing using MATLAB	Kongunadu Coll. Of Engg. And Tech., Thottiam

B. Conference/seminars/workshops organized by the faculty

Date	Programme
10.9.2018	One day workshop in Arduino
20.09.2018	24 hours' workshop in IoT
16.06.2018 & 17.06.2018	Two days state level workshop for science forum teachers
23.02.2018	One day workshop on Arduino
02.02.2018	One day workshop on IoT and Raspberry-Pi
02.01.2018 to 25.01.2018	RMSA training program for school teachers
14.07.2017	One Day Workshop on Industrial Automation
14.03.2017	One Day Entrepreneurship Orientation Programme for Students
11-09-2016	National Children's science congress – 2016

22.09.2016	Intra-College Competition The Idea Hunter-2016
08.09.2016	Impetus'16 - A National Level Technical Symposium
28.02.2016	National Science Day Celebration
15.06.2015 to 26.06.205	Value added course on 'Advanced Embedded Systems'
26.08.2015	Impetus'15 – A National Level Technical Symposium
04.08.2014	Impetus'14 – A National Level Technical Symposium

C. Co-curricular activities (Cultural, Sports, NSS, YRC, RRC, Cell, Clubs, Societies etc.)

Academic Year	Cell/Club/Societies and others	Programme
2018-2019	III cell	Organizing IV and IPT
2017-2018	III cell	Organizing IV and IPT
2017-2018	Discipline committee	Department Discipline committee co-ordinator
2016-17	EDC	Department EDC co-ordinator
2016-2017	Examcell	College Internal Assessment test co-ordinator
2016-2017	Discipline committee	Department Discipline committee co-ordinator
2015-2016	Examcell	College Internal Assessment test co-ordinator
2014-2015	Examcell	College Internal Assessment test co-ordinator

D. Membership of professional bodies (List)

CATEGORY III: SERVICES

A. Assistance to NAAC/AICTE/IQAC/COE/Affiliation

Academic Year	Nature of the Activity	Details
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2014-2015	NAAC (Report preparation)	Assist to NAAC certification
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B. Assistance in General administration/College Developments/Hostels/ Admissions and others

Academic Year	Nature of the Activity	Details
2017-2018	Admission	Assist in first year/lateral entry admission
2016-2017	Placement	Went company visit to Chennai, Coimbatore, Madurai, Trichy and Viralimalai
2016-2017	Admission	Assist in first year/lateral entry admission
2015-2016	Admission	Assist in first year/lateral entry admission
2014-2015	Admission	Assist in first year/lateral entry admission

C. Assistance in Department development works/Lab developments

Academic Year	Nature of the Activity	Details
2018-2019	Lab co-ordinator	Lab maintenance, purchasing components, verifying quality of lab teaching
2017-2018	Lab co-ordinator	Lab maintenance, purchasing components, verifying quality of lab teaching
2017-2018	IV/IPT co-ordinator	Arranging IPT and IV for students
2017-2018	Discipline committee	Department Discipline committee co-ordinator
2017-2018	Faculty Advisor	Student mentor
2016-2017	EDC	Department EDC co-ordinator
2016-2017	Discipline committee	Department Discipline committee co-ordinator
2016-2017	Class co-ordinator	2017 batch class co-ordinator

2016-2017	Faculty Advisor	Student mentor
2015-2016	Leave form, Daily report verification	Department co-ordinator
2015-2016	Class co-ordinator	2016 batch class co-ordinator
2015-2016	Symposium	Impetus'16 - A National Level Technical Symposium co-ordination
2015-2016	Faculty Advisor	Student mentor
2014-2015	Leave form, Daily report verification	Department Co-ordinator
2014-2015	Symposium	Impetus'15 - A National Level Technical Symposium co-ordination
2014-2015	Faculty Advisor	Student mentor
2013-2014	Symposium	Impetus'14 - A National Level Technical Symposium co-ordination
2013-2014	Faculty Advisor	Student mentor

D. Top 10 Contributions to the Institution and Department

Institution	Department
<ol style="list-style-type: none"> 1. Admission work 2. Company visit 3. School visit – Teachers contact 4. Polytechnic visit – Staff Contact 5. Internal assessment test coordination 6. Student discipline monitoring 7. Academic calendar preparation 8. Assisting to Science forum program 9. Assisting to RMSA program 10. Assisting in accreditation work 	<ol style="list-style-type: none"> 1. Effective teaching in theory and lab 2. Providing best result 3. Placement visit 4. Lab co-ordination 5. IV/IPT co-ordination 6. Student mentoring 7. Guiding in mini and main project work 8. Student discipline monitoring 9. Workshop/Symposium co-ordination 10. Preparing student for Co-curricular activities

CATEGORY IV: RESEARCH AND ACADEMIC CONTRIBUTIONS

A. Research Publications (Journals)

Academic Year	Details (Provide as per the standard reference format)
	Nil

B. Research Publications (Conferences)

Academic Year	Details (Provide as per the standard reference format)
2017-2018	Presented a paper with title of "Garbage monitoring system based on IoT for smart city applications" in ICRTET 2018.
2018-2019	Presented Paper on the title " IOT Based Smart Museum using MATLAB Software " in the 6 th National Conference on Communication, Information & Control Systems (NCCICS-19)
2018-2019	Presented Paper on the title " IOT based Automatic Accident Detection " in the 6 th National Conference on Communication, Information & Control Systems (NCCICS-19)
2018-2019	Presented Paper on the title " IOT based Automatic Irrigation Systems with Soil Nutrient Measurement " in the 6 th National Conference on Communication, Information & Control Systems (NCCICS-19)
2018-2019	Presented Paper on the title " Integrated sensors for smart city application using IOT " in the 2 nd National Conference on Advanced Computing, Communication and Power Systems (NCACCPs-2K19)
2018-2019	Presented Paper on the title " Density based smart traffic light control using Arduino " in the 2 nd National Conference on Advanced Computing, Communication and Power Systems (NCACCPs-2K19)
2018-2019	Presented Paper on the title " IOT based smart museum using ARDUINO and MATLAB software " in the 2 nd International Conference on Innovation in Electrical, Information and Communication Engineering (ICIEICE'19)
2018-2019	Presented Paper on the title " IOT based automatic irrigation system with soil nutrients N,P and K measurement using ARDUINO " in the 2 nd International Conference on Innovation in Electrical, Information and Communication Engineering (ICIEICE'19)

2018-2019	Presented Paper on the title “ IOT based Automatic Accident Detection ” in the 2 nd International Conference on Innovation in Electrical, Information and Communication Engineering (ICIEICE'19)
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C. Research Publications (Books/Book chapters/patent/product etc.)

Academic Year	Details (Provide as per the standard format)
2018-2019	Nil

D. Invited Lectures

Academic Year	Details
2016-2017	One day Guest lecture on 'Microprocessor and Microcontroller' at Mahath Amma Institute of Engineering and Technology, Pudukkottai

E. UG/PG project guidance

Academic Year	Title of the Project	Details
2018-2019	IOT Based Smart Museum using MATLAB Software	Guided to PG students
2018-2019	IOT based Automatic Accident Detection	Guided to PG students
2018-2019	IOT based Automatic Irrigation Systems with Soil Nutrient Measurement	Guided to PG students
2018-2019	Integrated sensors for smart city application using IOT	Guided to UG students
2018-2019	Density based smart traffic light control using Arduino	Guided to UG students
2018-2019	Automation in agriculture using IoT	Guided to UG students
2017-2018	Monitoring and controlling mobile robot via IoT using Raspberry-Pi	Guided to UG students
2017-2018	Garbage monitoring system based on IoT for smart city applications	Guided to UG students

2016-2017	An IoT based automated energy meter reading using Raspberry-Pi	Guided to UG students
2016-2017	An IoT based water supply monitoring and theft identification	Guided to UG students
2016-2017	QoS improvement by rate cutting measures in queue	Guided to PG student
2016-2017	Trust worthy data communication with multi-path QoS parameters using AODV	Guided to PG student
2015-2016	PIC based portable fall detection using GSM	Guided to UG students
2015-2016	Robot control using smart phone application	Guided to UG students
2015-2016	Cloth pattern recognition for visually impaired people	Guided to UG students
2014-2015	Using the on-chip temperature sensor on the AN231E04	Guided to UG students
2014-2015	Car parking system using fire bird robot	Guided to UG students
2014-2015	KAALA-RF umpire	Guided to UG students
2014-2015	Hand-off strategy in cognitive networks	Guided to PG student

F. Funded projects (Also include submitted proposals)

Academic Year	Title of the Proposal	Funding agencies	Status
2017-2018	FDP in Internet of Things		

G. Consultancy


Academic Year	Name of the Activity	Revenue generated
	Nil	

H. Award/Honors/Recognitions

Academic Year	Awards	Details
2014-2015	Excellence in Teaching Award	97% in ADC
2014-2015	Esther Chelliah Award	Best Library User
2014-2015	Excellence in Teaching Award	97% in Medical Electronics
2016-2017	Excellence in Teaching Award	92.6% in Computer Networks
2016-2017	Excellence in Teaching Award	99% in Satellite Communication
2016-2017	Esther Chelliah Award	Best Library User
2017-2018	Excellence in Teaching Award	92.1% in Electronic Circuits II

I. Others (If any)


Signature of the Faculty


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