



St. MARTIN'S ENGINEERING COLLEGE

Sy. 98 & 100, Dhulapally, Near Kompally Secunderabad- 500100

NBA & NAAC A+ Accredited

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

PERSPECTIVE PLAN – ACADEMIC YEAR 2019-20

Date: 28-05-2019

S. No.	Date of the Event	Plan (Name of the Event)	SOP (Standard Operating Procedure)	Budget for the Event	Name of the Staff Responsible	Target Beneficiary
1.	12-7-2019	Teachers attending Professional development programs – Faculty Orientation Program	Perspective Plan <ul style="list-style-type: none">• Proposal and Principal permission letter• Brochure• Attendance• Certificate copy• Post Event Report All the documents are submitted to department repository	-	Mr.K. Raju	Dept.of ECE
2.	16-8-2019	Workshop on Line Follower Robotics	ANNEXURE I	50000/-	Mr. E. Thirupathi	III-ECE

3.	21-06-2019	Life skills on Yoga & Meditation	<ul style="list-style-type: none"> • Proposal and Principal permission letter • Chief guest invitation and acceptance • Brochure • Attendance <p>All the documents are submitted to department repository</p>	2000/-	Mr.K.Raju	All ECE faculty
4.	7/6/2019	Life skills- Swimming	<ul style="list-style-type: none"> • Proposal and Principal permission letter • Brochure • Attendance <p>All the documents are submitted to department repository</p>	10000/-	Mr.B.Shubhaker	All ECE faculty
5.	Every day last hour	Slow Learners Remedial classes	<ul style="list-style-type: none"> • One remedial class per week /per subject – throughout the semester 	-	Concerned subject faculty	All Sections
6.	31-07-2019 16-08-2019 31-08-2019 16-09-2019 30-09-2019 16-10-2019 31-10-2019 13-11-2019 18-12-2019 31-12-2019 16-01-2020 31-01-2020 15-02-2020 29-02-2020 16-03-2020	Slow Learners Slip tests	<ul style="list-style-type: none"> • Defining Slow Learners-Who have highest number of backlogs or Who secured less percentage of aggregate comparatively to the previous semesters • Principal permission letter • Acceptance letter • Conduction of Slip tests • Attendance Sheet • Evaluation of Papers • Post Event Report of marks 	-	Concerned subject faculty	All Sections of II and III year Students

	31-03-2020					
7.	07-09-2019 02-11-2019	Slow Learners Group discussion	<ul style="list-style-type: none"> • Defining Slow Learners-Who have highest number of backlogs or Who secured less percentage of aggregate comparatively to the previous semesters • Principal permission letter • Acceptance letter • Conducting Group discussion • Attendance Sheet • Post Event Report 	-	Soft skills faculty	All Sections of III and IV year Students
8.	18-01-2020 21-03-2020	Slow Learners Group discussion	<ul style="list-style-type: none"> • Defining Slow Learners-Who have highest number of backlogs or Who secured less percentage of aggregate comparatively to the previous semesters • Principal permission letter • Acceptance letter • Conducting Group discussion • Attendance Sheet • Post Event Report 	-	Soft skills faculty	All Sections of III and IV year Students
9.	20/5/2019 to 20/6/2019	Advance Learner Soft skills	<ul style="list-style-type: none"> • Proposal and Principal permission letter • Chief guest and Resource persons - invitation and acceptance • Budget proposal with schedules and Expenditure Statement, Bills and 	-	Mrs.C.Elavarasi	IV-ECE

		training	<ul style="list-style-type: none"> • Voucher copies • Attendance • Feed Back form and analysis • Post Event Report <p>All the documents are submitted to department repository</p>			
10.	20-7-2019	Seminar on Wireless Sensor Networks	ANNEXURE I	10000/-	Mr.S. Ravi Kumar	IV-ECE
11.	24-8-2019	Seminar on Antenna Wave Propagation	ANNEXURE I	10000/-	Dr.C.Elavarasi	III-ECE
12.	19/7/2019	Proposals for Research project	<ul style="list-style-type: none"> • Proposal and Principal permission letter • Budget proposal with schedules and Expenditure Statement, Bills and Voucher copies • Research Report <p>All the documents are submitted to department repository</p>	15000/-	Mr.S.Ravi Kumar	All ECE faculty
13.	16-8-2019	Activities for promotion of universal values, national values, human values, national integration, communal harmony and social cohesion	ANNEXURE I	5000/-	K.Hanuja	All ECE Faculty

14.	1-10-2019	Activities for promotion of universal values, national values, human values, national integration, communal harmony and social cohesion	ANNEXURE I	5000/-	K.Hanuja	All ECE Faculty
15.	26/10/2019	Lab to Land	<ul style="list-style-type: none"> • Proposal and Principal permission letter • Budget proposal with schedules and Expenditure Statement, Bills and Voucher copies • Certificate copy • Post Event Report All the documents are submitted to department repository	30000/-	P.A.Lovina	Project students with guide
16.	17-8-19	Workshop on Raspberry Pi using IOT	ANNEXURE I	30000/-	Mr. Venkanna Mood	II-ECE
17.	31-07-2019	Field trips- Industrial Visit to LED chip Pvt. Ltd.(II YEAR A&B)	ANNEXURE II	10000/-	S.P Manikanta	II-ECE
18.	08-08-2019	Field trips- Industrial Visit (III Year Ist Semester-A&B) to NRSC	ANNEXURE II	10000/	S.P Manikanta	III-ECE

19.	28-08-2019	Field trips- Industrial Visit (II Year Ist Semester-C&D) LED CHIP Pvt. Ltd.	ANNEXURE II	10000/	S.P Manikanta	III-ECE
20.	4-10-2019	Field trips- Industrial Visit (III Year- C&D Ist Semester) NRSC	ANNEXURE II	10000/	S.P Manikanta	III-ECE
21.	6-9-2019	Field trips- Industrial Visit (IV Year- A&B Ist Semester) NGRI	ANNEXURE II	10000/	S.P Manikanta	III-ECE
22.	13-9-2019	Field trips- Industrial Visit (IV Year- C&D Ist Semester) NGRI	ANNEXURE II	10000/	S.P Manikanta	III-ECE
23.	During Semester break & Summer vacation	Internships	<ul style="list-style-type: none"> • Principal permission letter • list of students with their contact no. (preferably mobile phone), • Undertaking letter from student and Parent • Certificate copy • Post Event Report <p>All the documents are submitted to department repository</p>	-	P.Pushpa	All ECE Students

24.	7-9-2019	Guest lecture on Signal System Processing	ANNEXURE III	15000/-	Mr.B.Ravichander	II-ECE
25.	27-9-2019	Guest lecture on Linear Digital IC	ANNEXURE III	15000/-	Mr.B.Ravichander	III-ECE
26.	11-10-2019	Guest lecture on Microwave Engineering	ANNEXURE III	15000/-	Mr.B.Ravichander	IV-ECE
27.	22-8-2019	Field trips- Industrial Visit (IV Year Ist Semester-A&B)	ANNEXURE II	10000/-	S.P Manikanta	IV-ECE
28.	30-8-2019	Field trips- Industrial Visit (IV Year Ist Semester-C&D)	ANNEXURE II	10000/-	S.P Manikanta	IV-ECE
29.	2/4/2020	Technosmec Events	ANNEXURE I	25000/-	Mr.D.Prasad	ECE students
30.	20/2/2020	TAM activities	ANNEXURE I	50000/-	Mr.K.Nishakar	Registered TAM ECE students
31.	2-3-2019	Activities for promotion of universal values, national values, human values, national integration, communal harmony and	ANNEXURE I	5000/-	K.Hanuja	All ECE Faculty

			repository			
39.	2/12/2019	Extension and Outreach Programs-AIDS awareness	<ul style="list-style-type: none"> • Permission Letter from Principal. • Chief guest • list of students with their contact no. (preferably mobile phone), • list of faculty-escorts with their contact details, • Post Event Report <p>All the documents are submitted to department repository</p>	-	Mr.M.Venkanna	All ECE faculty students can participate
40.	7/3/2020	Extension and Outreach Programs-Gender Issues(Womens Day)	<ul style="list-style-type: none"> • Permission Letter from the Principal. • Chief guest • list of students with their contact no. (preferably mobile phone), • list of faculty-escorts with their contact details, • Post Event Report <p>All the documents are submitted to department repository</p>	10000/-	Mrs.K.Hanuja	Dept.of ECE Lady faculty
41.	18-10-2019 & 19-10-2019	Teachers attending Professional development programs-Faculty Development Program	ANNEXURE IV	10000/	Dr.C.Elavarasi	Dept.of ECE
42.	3-1-2019	Guest lecture on Pulse and Digital	ANNEXURE III	5000/-	Mr.B.Ravichander	II-ECE

		Circuits				
43.	22-1-2019	Guest lecture on Antenna Wave propagation	ANNEXURE III	10000/-	Dr.C.Elavarasi	III-ECE
44.	Every Saturday (7 th hour)	Mentoring	<ul style="list-style-type: none"> • Permission Letter • list of students with their contact no. (preferably mobile phone), • list of mentoring faculty with their contact details, • Students problems both in academics & stress related issues • Post Event Report All the documents are submitted to department repository	-	S.Ravi Kumar	All Year Sections
45.	4-02-2020	Field trips- Industrial Visit (II Year IInd Semester-A&B)NRSC	ANNEXURE II	10000/-	S.P Manikanta	II-ECE
46.	12-02-2020	Field trips- Industrial Visit (II Year IInd Semester-C&D)NRSC	ANNEXURE II	10000/-	S.P Manikanta	II-ECE
47.	13/2/2020	Field trips- Industrial Visit (III Year IInd Semester-A&B)NGRI	ANNEXURE II	10000/-	S.P Manikanta	II-ECE

48.	20/3/2020	Field trips- Industrial Visit (III Year IInd Semester- C&D)NGRI	ANNEXURE II	10000/-	S.P Manikanta	II-ECE
49.	4/4/2020	Field trips- Industrial Visit (IV Year IInd Semester-A&B)	ANNEXURE II	10000/-	S.P Manikanta	II-ECE
50.	11/4/2020	Field trips- Industrial Visit (IV Year IInd Semester-C&D)	ANNEXURE II	10000/-	S.P Manikanta	II-ECE
51.	20-2-2020	Seminar on Digital Signal Processing	ANNEXURE I	6000/-	Mr.V.V.Ramanar ao	III-ECE
52.	6-3-2020	Seminar on Digital Image Processing	ANNEXURE I	5000/-	Mrs.P.Annapurn a Bai	III-ECE
53.	22-1-2020	Workshop on AURDINO	ANNEXURE I	30000/-	Mr. Venkanna Mood	II-ECE
54.	12-3-2020	Workshop on FPGA Implementation	ANNEXURE I	30000/-	Mr. Venkanna Mood	II-ECE
55.	23/8/2019	Sports and cultural activities	ANNEXURE V	-	Mr.B.Shubhaker	All ECE students & Staff
56.	19/10/2019	Sports and cultural activities	ANNEXURE V	-	Mr.B.Shubhaker	All ECE students & Staff

57.	27/12/2019	Sports and cultural activities	ANNEXURE V	-	Mr.B.Shubhaker	All ECE students & Staff
58.	20/3/2020	Sports and cultural activities	ANNEXURE V	-	Mr.B.Shubhaker	All ECE students & Staff
59.	13-3-2020	Teachers attending Professional development programs -FDP on KEIL software	ANNEXURE IV	10000/-	Mr.K. Raju	Dept.of ECE
60.	20/4/2020	Lab to Land	<ul style="list-style-type: none"> • Proposal and Principal permission letter • Budget proposal with schedules and Expenditure Statement, Bills and Voucher copies • Certificate copy • Post Event Report <p>All the documents are submitted to department repository</p>	30000/-	P.A.Lovina	Project students with guide
61.	30/4/2020	Proposals for Research project	<ul style="list-style-type: none"> • Proposal and Principal permission letter • Budget proposal with schedules and Expenditure Statement, Bills and Voucher copies • Research Report <p>All the documents are submitted to department repository</p>	15000/-	Mr.S.Ravi Kumar	All ECE faculty
62.	16-3-2020	Department Internal Audit	<ul style="list-style-type: none"> • Principal permission letter • Audit Report <p>All the documents are submitted to department repository</p>	-	Mr.G.Ramesh Reddy	Audit members

63.	16/12/2019 to 29/12/2019	Certification course (FinFET Technology)	SOP: <ul style="list-style-type: none"> • Proposal and Principal permission letter • Resource persons - invitation and acceptance • Brochure, Syllabus & Lesson Plan • Budget proposal • Registration and attendance of the participants • Feed Back form and analysis • Post Event Report 	30,000/-	D Prasad	3 rd & 4 th year ECE Students
64.	May & June 2020	Internships	SOP <ul style="list-style-type: none"> • Proposal and permission letter from principal by students • Permission and acceptance letter from company • Certificates • Post Event Report 	-	P.V.K.N Prasanna kumari	2 nd & 3 rd year ECE Students
65.	Every Saturday 7 th hour	Mentoring Duties	SOP <ul style="list-style-type: none"> • Each faculty will be assigned a group of 20 students for mentoring • Faculty along with his 20 students will assemble in a allotted classroom • Faculty will counsel the students individually • Preparing and submission of mentor mentee report to the HOD 	-	All ECE Faculty	All ECE students
66.	1 st day of every month	Brainstorming session	SOP <ul style="list-style-type: none"> • Proposal and permission letter from principal • Bringing a group of students together to address a problem, challenge or 	-	All ECE Faculty	All ECE students.

			<p>opportunity</p> <ul style="list-style-type: none"> • Ask the group to generate as many ideas as possible • Review the ideas, select the most interesting, and then lead a discussion about how to combine , improve, and/or implement the ideas 			
67.	<p>Every week – Wednesday – 7th hr – II yr Friday – 7th hr –III yr Monday – 7th hr – IV yr</p>	Remedial classes	<p>SOP</p> <ul style="list-style-type: none"> • Identifying the slow learners based on result analysis • Permission & acceptance letter from principal • Conducting the remedial classes • Attendance • Event report 	-	All ECE Faculty	Slow learners
68.	<p>10/10/2019 & 11/10/2019</p>	Participation of students in professional bodies	<p>SOP</p> <ul style="list-style-type: none"> • Invitation from the organizing institute • Permission & acceptance letter from principal for the students to participate in the events organized by the members of the professional bodies • Certificate • Event report 	-	Mr. B Ravi Chander	Student members of IETE student forum
69.	<p>12/09/2019 & 13/09/2019</p>	Refreshers Course	<p>SOP</p> <ul style="list-style-type: none"> • Permission & acceptance letter from principal • Invitation and acceptance letter from expert • Faculty attendance • Feedback on course • Post event report 	15,000	Mr. T Sudheer Kumar	ECE Faculty

70.	21/11/2019 & 22/11/2019	Short term course	<p>SOP</p> <ul style="list-style-type: none"> • Permission & acceptance letter from principal • Invitation and acceptance letter from expert • Faculty attendance • Feedback on course • Post event report 	20,000	Mr. T Sudheer Kumar	ECE Faculty
71.	24/01/2020	Value added courses (Competition Exams)	<p>SOP</p> <ul style="list-style-type: none"> • Permission & acceptance letter from principal • Invitation and acceptance letter from Resource person • Budget proposal • Syllabus, Lesson Plan • Attendance • Feedback and its analysis • Certificates • Post event report 	15,000	Mr. E. Thirupathi	3 rd yr ECE students
72.	09-12 December, 2020	Certification Program on IoT	<p>SOP</p> <ul style="list-style-type: none"> • Permission & acceptance letter from principal • Budget proposal • Invitation and acceptance letter from Resource person • Syllabus, Lesson Plan • Attendance • Feedback and its analysis • Certificates • Post event report 	25,000	Mr. D Prasad	3 rd yr ECE students

73.	21-12-2019	Proposal for Research Project Titles : Detection and Remediation of Security Threats to Cyber Physical Systems in the Supervisory Control of Tele-Operated Vehicles.	SOP <ul style="list-style-type: none"> • Identify the Problem. • Review the Literature. • Clarify the Problem. • Clearly Define Terms and Concepts. ... • Define the Population. • Develop the Instrumentation Plan. • Collect Data. • Analyze the Data. 	1,50,000	Dr. Sridhar	ECE Dept.
74.	30-09-2019	Research Project Intelligent display board and a system to display data received over a network.	SOP <ul style="list-style-type: none"> • Identify the Problem. • Review the Literature. • Clarify the Problem. • Clearly Define Terms and Concepts. ... • Define the Population. • Develop the Instrumentation Plan. • Collect Data. • Analyze the Data. 	1,50,000	Dr. Sridhar	-
75.	18-02-2020	Research Project An automated and adaptive self power generate garbage notification.	SOP <ul style="list-style-type: none"> • Identify the Problem. • Review the Literature. • Clarify the Problem. • Clearly Define Terms and Concepts. ... • Define the Population. • Develop the Instrumentation Plan. • Collect Data. • Analyze the Data. 	1,50,000	Dr. Sridhar	-

76.	20-12-2019	Book Publication: Principles of Computer Communication and Networking	SOP <ul style="list-style-type: none"> • Choose a Topic. • Write your book. • Edit your book. • Decide on a title. • Design your book cover. • Format your book. 	-	Dr. Sridhar	III ECE & CSE
77.	14-04-2020	Book Publication: Advance Digital Electronics	SOP <ul style="list-style-type: none"> • Choose a Topic. • Write your book. • Edit your book. • Decide on a title. • Design your book cover. • Format your book. 	-	Dr. Sridhar	III ECE & CSE

ANNEXURE I (Workshops ,Seminars , TAM activities , TechnoSMEEC Events & Activities for Promotion of Universal Values, National Values, Human Values, National Integration, Communal Harmony and Social Cohesion):

- Proposal and Principal permission letter
- Chief guest and Resource persons - invitation and acceptance
- Brochure
- Budget proposal with schedules and Expenditure Statement, Bills and Voucher copies
- Attendance
- Feed Back form and analysis
- Certificate copy
- Post Event Report

All the documents are submitted to department repository

ANNEXURE II (FIELD TRIPS- INDUSTRIAL VISIT)

- Permission Letter from the visiting companies,
- Permission letter, Route Map,
- list of students with their contact no. (preferably mobile phone),
- list of faculty-escorts with their contact details,
- Undertaking letter from student and Parent,
- Driving License
- Post Event Report

All the documents are submitted to department repository

ANNEXURE III (GUEST LECTURES)

- Proposal and Principal permission letter
- Chief guest and Resource persons - invitation and acceptance
- Brochure
- Budget proposal with schedules and Expenditure Statement, Bills and Voucher copies
- Attendance
- Feed Back form and analysis
- Post Event Report

All the documents are submitted to department repository

ANNEXURE IV (EXTENSION ACTIVITIES,FDP)

- Proposal and Principal permission letter
- Budget proposal with schedules and Expenditure Statement, Bills and Voucher copies
- Attendance
- Certificate copy
- Post Event Report

All the documents are submitted to department repository.

ANNEXURE V (SPORTS AND CULTURAL ACTIVITIES)

- Proposal and Principal permission letter
- Chief guest and Resource persons - invitation and acceptance
- Brochure
- Budget proposal with schedules and Expenditure Statement, Bills and Voucher copies
- Certificate copy

All the documents are submitted to department repository

ANNEXURE VI (FEED BACK FROM STAKE HOLDER)

- Permission Letter from the Principal.
- list of students with their contact no. (preferably mobile phone),
- list of faculty-escorts with their contact details,
- Post Event Report

All the documents are submitted to department repository



ECE-HOD

Dr. C. Elavarasi
Head of the Department
Department of Electronics and
Communication Engineering
St. Martin's Engineering College
Dhulapally, Secunderabad, Telangana-500100