



St. Joseph's College of Engineering

St. Joseph's Group of Institutions

OMR, Chennai – 119.



DECEMBER 2019

DEPARTMENT OF BIOTECHNOLOGY

S.No.	Title of the Events and Photographs	Details of the Event																																																																																			
1.	<p>PLACEMENT ORIENTATION PROGRAM</p> <div style="border: 1px solid black; padding: 5px; margin: 5px auto; width: 80%;"> <p style="text-align: center;">St Joseph's Group of Institutions Centre for Training & Placement III Year Detailed Training Plan EVEN Semester (Academic Year 2019 - 20)</p> <p style="text-align: center;">Training Plan - III Year</p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th rowspan="2">Year</th> <th rowspan="2">Slot</th> <th rowspan="2">Date of Training</th> <th colspan="2">Engineering</th> <th colspan="2">Technology</th> <th rowspan="2">Training Details</th> </tr> <tr> <th>Department</th> <th>Strength</th> <th>Department</th> <th>Strength</th> </tr> </thead> <tbody> <tr> <td rowspan="8">III Year</td> <td rowspan="3">1</td> <td rowspan="3">Nov 27, 28, 29, 30 & Dec 2</td> <td>IT</td> <td>161</td> <td rowspan="3"></td> <td rowspan="3"></td> <td rowspan="3">TECHNICAL TRAINING (Advanced C Programming)</td> </tr> <tr> <td>BIO TECH</td> <td>59</td> </tr> <tr> <td>CHEMICAL</td> <td>63</td> </tr> <tr> <td rowspan="2">2</td> <td rowspan="2">Dec 3, 4, 5, 6, 9</td> <td>CSE</td> <td>194</td> <td>ECE</td> <td>112</td> <td rowspan="2">TECHNICAL TRAINING (Advanced C Programming)</td> </tr> <tr> <td>ICE</td> <td>52</td> <td>EEE</td> <td>111</td> </tr> <tr> <td rowspan="3">3</td> <td rowspan="3">Dec 10, 11, 12, 13, 14</td> <td>ECE</td> <td>183</td> <td>IT</td> <td>55</td> <td rowspan="3">TECHNICAL TRAINING (Advanced C Programming)</td> </tr> <tr> <td>EEE</td> <td>178</td> <td>CSE</td> <td>112</td> </tr> <tr> <td>EIE</td> <td>165</td> <td></td> <td></td> </tr> <tr> <td>4</td> <td>Nov 27, 28, 29</td> <td></td> <td></td> <td>MECH</td> <td>191</td> <td rowspan="2">TECHNICAL TRAINING (Advanced C Programming)</td> </tr> <tr> <td>5</td> <td>Dec 3, 4, 5</td> <td>MECH</td> <td>219</td> <td></td> <td></td> </tr> <tr> <td>6</td> <td>Dec 9, 10, 11</td> <td>MECH</td> <td>219</td> <td></td> <td></td> <td rowspan="2">TECHNICAL TRAINING (Mechanical Specific)</td> </tr> <tr> <td>7</td> <td>Dec 12, 13, 14</td> <td></td> <td></td> <td>MECH</td> <td>191</td> </tr> <tr> <td>8</td> <td>Dec 2,3,4,5,6</td> <td>CIVIL</td> <td>68</td> <td>CIVIL</td> <td>41</td> <td>TECHNICAL TRAINING (CIVIL Specific)</td> </tr> </tbody> </table> <p style="font-size: small; margin-top: 5px;">1. AMCAT Assessment I would be compulsory for students upto 2 Arrears (Scheduled on Dec 16th & 17th) Optional For Students with more than 2 Arrears (If they are interested for the POP Training in the 7th Semester) 2. AMCAT Assessment II will be Scheduled on March)</p> <p style="text-align: right; font-size: x-small;">Chairman</p> <p style="text-align: center;"><i>Placement Orientation Program Schedule for III years</i></p> </div>	Year	Slot	Date of Training	Engineering		Technology		Training Details	Department	Strength	Department	Strength	III Year	1	Nov 27, 28, 29, 30 & Dec 2	IT	161			TECHNICAL TRAINING (Advanced C Programming)	BIO TECH	59	CHEMICAL	63	2	Dec 3, 4, 5, 6, 9	CSE	194	ECE	112	TECHNICAL TRAINING (Advanced C Programming)	ICE	52	EEE	111	3	Dec 10, 11, 12, 13, 14	ECE	183	IT	55	TECHNICAL TRAINING (Advanced C Programming)	EEE	178	CSE	112	EIE	165			4	Nov 27, 28, 29			MECH	191	TECHNICAL TRAINING (Advanced C Programming)	5	Dec 3, 4, 5	MECH	219			6	Dec 9, 10, 11	MECH	219			TECHNICAL TRAINING (Mechanical Specific)	7	Dec 12, 13, 14			MECH	191	8	Dec 2,3,4,5,6	CIVIL	68	CIVIL	41	TECHNICAL TRAINING (CIVIL Specific)	<p>PLACEMENT ORIENTATION PROGRAM</p> <p>The Centre for Training and Placement of St. Joseph's College of Engineering has organized Placement Orientation Program – I/ Technical Training on Advanced C- Programming for III year B. Tech Biotechnology students. A total of 59 students have attended 5 days technical training on C- programming on 27-30 November, 2019 & 2nd December, 2020 and gain knowledge in programming skills.</p>
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2.	<p>COMPETITIONS ATTENDED BY STUDENTS</p>	<p>COMPETITIONS ATTENDED BY STUDENTS</p> <p>Ms. Ragamathi S, II M. Tech Biotechnology, has</p>																																																																																			



Certificate of Participation for the event Poster Presentation

presented a paper titled " Green Synthesis and fabrication of banana pseudo stem fibres as scaffold with antibacterial activity" in the **AICTE Sponsored International conference on Renewable Energy and Sustainable Environment (RESE-2019)** organized by Dr. Mahalingam College of Engineering, Pollachi, **India between 12th - 14th December, 2019.**

AWARD PRESENTATION



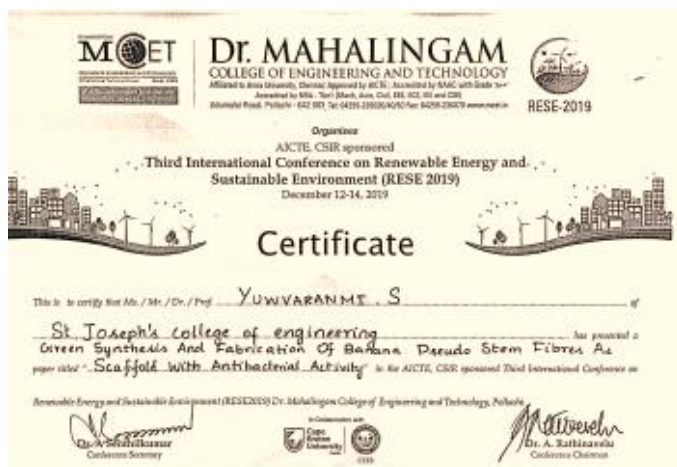
Ms. Nivedha and Ms. Nishitha certificate of participation for Chhatra Vishwakarma Award - 2019

AWARD PRESENTATION

Ms. Nivedha Murali Shankar and Ms. Nishitha Kannan K, have presented paper in the regional convention of **“Chhatra Vishwakarma Award - 2019”** under the theme **“How to enhance the income of Village”** organized by **All India Council for Technical Education** (Southern Region) held on 18th December, 2019

3.

CONFERENCE PRESENTATION



Ms. Yuwvaranni certificate of presentation for paper presentation.

CONFERENCE PRESENTATION

Ms. Yuwvaranni S has presented her research work titled "Green Synthesis and fabrication of banana pseudo stem fibres as scaffold with antibacterial activity" in the **AICTE Sponsored International conference on Renewable Energy and Sustainable Environment (RESE-2019)** organized by Dr. Mahalingam College of Engineering, Pollachi, **India** between 12th - 14th December, 2019.



Dr. Chamundeeswari M certificate of presentation for paper presentation.

CONFERENCE PRESENTATION

Dr. Chamundeeswari M has presented her research work titled "Green Synthesis and fabrication of banana pseudo stem fibres as scaffold with antibacterial activity" in the **AICTE Sponsored International conference on Renewable Energy and Sustainable Environment (RESE-2019)** organized by Dr. Mahalingam College of Engineering, Pollachi, **India** between 12th - 14th December, 2019.

WORKSHOP



Ms. Kalavathy G certificate for participation in Workshop.

WORKSHOP

Ms. Kalavathy G has attended the three days National Level Workshop on “**Biological Effects of Electromagnetic fields and Radiation**” sponsored by **Government of India, Department of Atomic Energy (DAE) – Board of Research in Nuclear Sciences (BRNS)** and organized by **St. Joseph’s Institute of Technology, OMR, Chennai** during 12th – 14th December, 2019



Ms. Yuvaranni certificate for participation in Workshop.

Ms. Yuvaranni S has attended the three days National Level Workshop on “**Biological Effects of Electromagnetic fields and Radiation**” sponsored by **Government of India, Department of Atomic Energy (DAE) – Board of Research in Nuclear Sciences (BRNS)** and organized by **St. Joseph’s Institute of Technology, OMR, Chennai** during 12th – 14th December, 2019



Dr. V. Renuka certificate for participation in Workshop

Dr. V. Renuka has attended the three days National Level Workshop on “**Biological Effects of Electromagnetic fields and Radiation**” sponsored by **Government of India, Department of Atomic Energy (DAE) – Board of Research in Nuclear Sciences (BRNS)** and organized by **St. Joseph’s Institute of Technology, OMR, Chennai** during 12th – 14th December, 2019


AWARD PRESENTATION



Dr. G. Baskar certificate of participation for Chhatra Vishwakarma Award - 2019

AWARD PRESENTATION



Dr. G. Baskar has presented paper in the regional convention of “**Chhatra Vishwakarma Award - 2019**” under the theme “**How to enhance the income of Village**” organized by **All India Council for Technical Education (Southern Region)** held on 18th December, 2019

Sl. No.	Photographs Captured During Events (Briefs About the Photographs)	Corresponding remarks (Minimum 300 words) in regarding the status of activity execution stating
1.	FDP/Workshop/Conference	1. Dr.S.Saravanapriya, Ms.S.Banupriya and Ms.R.Ruthra has attended an AICTE Sponsored two weeks Faculty Development Programme on “ The Global Challenge of Desalination with Membranes ” held at St.Joseph’s College of Engineering during 25 th November to 8 th December 2019
2.	<p>Value added Courses/Courses other than VAC</p> 	<p>III year Civil Engineering students have participated in Hands on Training program conducted in the month of December 2019. The training encouraged the students to be well versed in “Staad Pro Software”, the most useful analysis software in Civil Engineering.</p>

Sl. No.	Photographs Captured During Events (Briefs About the Photographs)	Corresponding remarks (Minimum 300 words) in regarding the status of activity execution stating
3.	Other activities(if any)	<p>NPTEL Courses</p> <ol style="list-style-type: none"> 1. Prof.S.P.Senthilkumar has secured Elite grade in twelve weeks NPTEL course on “Structural Analysis” 2. Prof.S.P.Senthilkumar and Ms.S.Supriya has secured Elite Silver grade in twelve weeks NPTEL course on “Design of Reinforced Concrete Structures” 3. Ms.R.Adline Rose has secured Elite grade in twelve weeks NPTEL course on “Environmental Geotechniques” 4. Ms.R.Ruthra has secured Elite grade in eight weeks NPTEL course on “Ecology and Environment” 5. Ms.P.Padmapriya has secured Elite grade in twelve weeks NPTEL course on “Waste water treatment and Recycling” 6. Ms.S.Banupriya, Ms.R.Ruthra and Mr.P.Sribalaji has successfully completed a 12 weeks NPTEL Course on “Advanced Concrete Technology”

DEPARTMENT OF CHEMICAL ENGINEERING

Sl. No.	Photographs Captured During Events (Briefs About the Photographs)	Corresponding remarks (Minimum 300 words) in regarding the status of activity execution stating
1	Collabarative Quality initiatives with other institutions	<p>We have collaboration with Shri Meera Labs Pvt Ltd. We were discussing about the industrial issues what they are facing and possibility of sorting out the same.</p>

Sl. No.	Photographs Captured During Events (Briefs About the Photographs)	Corresponding remarks (Minimum 300 words) in regarding the status of activity execution stating
2.	<p>FDP</p>  	<p>The Dept. of Chemical Engineering has organized Faculty Development program on “The Global Challenges in Desalination” from 25th Nov to 8th Dec 2019. About 50 Participants from various academic institutions participated in this 14-day training program and eminent persons from industries and Research Institutions were invited to deliver lecture.</p>

Sl. No.	Photographs Captured During Events (Briefs About the Photographs)	Corresponding remarks (Minimum 300 words) in regarding the status of activity execution stating
3.	Publication	Ms Sivaranjane R and Ms B Senthil Rathi published a paper entitled “ Utilization of Solid Waste for Removal of Pollutants ” in the International Journal of Engineering and Advanced Technology (IJEAT)

DEPARTMENT OF MATHEMATICS

Events	Remarks
FDP/Workshop/Conference	<p>Workshop:</p> <p>1) Our faculty members Dr.K.Sasikala, Dr. Sweety I Diamond, Dr. H.Geetha. Ms.B.Shoba and Dr.N.Jose Parvin Praveena have attended five days National level workshop Operations Research for Engineers sponsored by NITTTR organized by Department of EEE, St. Joseph’s Institute of Technology held between 16th Dec to 20th Dec 2019.</p> <p>Confernece:</p> <p>1) Dr. K. Sasikala presented a paper entitled “Partial Array Grammar and Partial Array rewriting Systems” in International Workshop and Conference on Mathematical Analysis and Computation (IWCMAc 2019) at NIT Trichy on December 2-6, 2019.</p> <p>2) Dr. P. Agilan presented a paper entitled “Stability Results in Quasi β normed spaced for a general Additive functional equation” in National Conference on Mathematical Analysis and Applications at NIT Trichy on December 19-20, 2019.</p> <p>3) Dr. V. Vallinayagam and Dr.P. Agilan presented a paper entitled “Hyers Stability of additive functional equation in Banach space” in International Conference on Mathematical Analysis and Computing (ICMAc -2019) at SSN College of Engineering on December 23-24, 2019.</p>
Symposium	<p>1. Dr. P. Agilan presented a paper entitled “Stability of additive functional equation in intuitionistic fuzzy Banach space - A classical approach” in National Symposium on Mathematics and Applications (NSMA 2019) at IIT Madras on December 22, 2019.</p> <p>2. Dr.V.Vallinayagam attended National Symposium on Mathematics and Applications (NSMA</p>


	2019) conducted by IIT Madras to commemorate Srinivasa Ramanujan's Birthday on December 22, 2019
Publications(only published) details	Dr. Sweety I Diamond, "Recognizability of Tetrahedral Picture Languages", International Journal of Recent Technology and Engineering (IJRTE), ISSN: 2277-3878, Volume-8 Issue-4, November 2019

DEPARTMENT OF SCIENCE

Sl. No.	Photographs Captured During Events (Briefs About the Photographs)	Corresponding remarks (Minimum 300 words) in regarding the status of activity execution stating
1	FDP/Workshop/Conference	<p>The following staff members have attended six days FDP entitled "Novel Strategies and Applications in Material Science" from 26th to 31st December 2019 at Dr. RKS College of Arts and Science.</p> <ol style="list-style-type: none"> 1. Dr. V. N. Nandini Devi 2. Dr. S. Kiruba 3. Dr. N. Punitha 4. Dr. S. Suresh 5. Ms. A. Arulmozhi 6. Ms. A. Mahalakshmi 7. Dr. S. Manikandan 8. Mr. S. Kaleel Mohamed Ibrahim 9. Dr. P. Krishnan 10. Dr. K. Sathesh Kumar 11. Dr. S. Rama 12. Dr. G. Murugan 13. Dr. V. Swarnalatha 14. Dr. P. Saravanan 15. Dr. A. Uma Devi

Sl. No.	Photographs Captured During Events (Briefs About the Photographs)	Corresponding remarks (Minimum 300 words) in regarding the status of activity execution stating
		<p>16. Dr. N. R. Rajagopalan 17. Ms. J. Sharmila 18. Ms. S. Savitha 19. Dr. K. Jayamoorthy 20. Dr. B. Subash</p> <p>Dr. A. Uma Devi has attended two weeks FDP entitled “The global changes of desalination” from 25th November to 8th December 2019 at St. Joseph’s College of Engineering, Chennai-119.</p> <p>Dr. P. Krishnan has attended 21 Days DST-SERB sponsored school entitled “Photonics phenomena, Materials and Devices” from 2nd December to 21st December 2019 at Crystal Growth Centre, Anna University , Chennai-25.</p>
2.	STTP	<p>Dr. N.R. Rajagopalan has attended a five days short term online course on Operations Research for Engineers conducted by National Institute of Technical teachers Training and Research, Chandigarh, ICT from 16th December to 20th December 2019, held at St. Joseph’s Institute of Technology, Chennai.</p>

DEPARTMENT OF EEE

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December 2019																																									
1.	<table border="1"> <thead> <tr> <th>Staff Name</th> <th>NPTEL Course Name</th> <th>Award</th> </tr> </thead> <tbody> <tr> <td>Dr. N.Chidambararaj</td> <td>Power System Analysis</td> <td>Elite with Silver</td> </tr> <tr> <td>Dr.M.Venmathi</td> <td>Power System Analysis</td> <td>Elite</td> </tr> <tr> <td>Mr.R. Elanthirayan</td> <td>Introduction To Research</td> <td>Elite</td> </tr> <tr> <td>Ms.R.G.Nirmala</td> <td>Introduction To Research</td> <td>Elite</td> </tr> <tr> <td>Ms. K.Vanitha</td> <td>Digital Circuits</td> <td>Elite</td> </tr> <tr> <td>Ms.S.P.Vedavalli</td> <td>Basic Circuit Analysis</td> <td>Elite with Silver</td> </tr> <tr> <td>Mr.T.Sriananda Ganesh</td> <td>Digital Circuits Power System Analysis</td> <td>Elite with Silver Elite with Silver</td> </tr> <tr> <td>Mr.N.JeyaPrakash</td> <td>Digital Circuits</td> <td>Elite</td> </tr> <tr> <td>Ms.R.Sujatha</td> <td>Ecology and Environment</td> <td>Elite</td> </tr> <tr> <td>Ms.W.Mary Nishanthi</td> <td>Introduction To Research</td> <td>Elite with Silver</td> </tr> <tr> <td>Ms.S.Gomathi</td> <td>Digital Circuits</td> <td>Elite with Silver</td> </tr> <tr> <td>Dr.A.Jamna</td> <td>Basic Electric Circuits</td> <td>Elite</td> </tr> </tbody> </table>	Staff Name	NPTEL Course Name	Award	Dr. N.Chidambararaj	Power System Analysis	Elite with Silver	Dr.M.Venmathi	Power System Analysis	Elite	Mr.R. Elanthirayan	Introduction To Research	Elite	Ms.R.G.Nirmala	Introduction To Research	Elite	Ms. K.Vanitha	Digital Circuits	Elite	Ms.S.P.Vedavalli	Basic Circuit Analysis	Elite with Silver	Mr.T.Sriananda Ganesh	Digital Circuits Power System Analysis	Elite with Silver Elite with Silver	Mr.N.JeyaPrakash	Digital Circuits	Elite	Ms.R.Sujatha	Ecology and Environment	Elite	Ms.W.Mary Nishanthi	Introduction To Research	Elite with Silver	Ms.S.Gomathi	Digital Circuits	Elite with Silver	Dr.A.Jamna	Basic Electric Circuits	Elite	<p>Our staff Members of Electrical and Electronics Engineering have successfully completed the online NPTEL course and awarded with “Elite with silver and Elite” certification</p>
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Dr. N.Chidambararaj	Power System Analysis	Elite with Silver																																							
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2.	 <p style="text-align: center;"><i>Pic: Hounandan and Kumaran receiving certificate in the international conference</i></p>	<p>Our students of Electrical and Electronics Engineering Hounandan, Kumaran and Deepa have attended 2nd International Conference on “Power Engineering Computing and control”.(PECCON 2019) and presented a paper titled “Dynamic analysis of fuel cell fed superlift converter” at VIT, Chennai on 12th December under the guidance of our faculty Dr.V.Chamundeewari.</p>																																							

3.		<p>Our staff Members of Electrical and Electronics Engineering Dr.A.Jamna and Mrs.R.Sujatha attended and presented a paper titled "Simulation And Analysis Of A Voltage Control Strategy For Single Stage AC-AC Converter" in Power Engineering, Computing and Control (PECCON 2019) at VIT, Chennai on 12th December.</p>
4.	 <p style="text-align: center;">Pic Dr.P.Velmurugan presenting paper in conference</p>	<p>Our staff Members of Electrical and Electronics Engineering Dr.P.Velmurugan, Dr.V.VasanPrabhu, S.Sridharan have attended and presented a paper titled "Performance improvement for PV based Distributed Generation using IPQC for IEEE 5 Bus system with power factor correction" at the same conference.</p>
5.		<p>Our staff Members of Electrical and Electronics Engineering Dr.A.Jamna & Ms.R.Sujatha Participated in Three days national level workshop on "Trends in Electric Vehicle and its Power Converter" at St.Joseph's Institute of Technology from 21.11.19 to 23.11.2019</p>

6.



Pic: five days workshop "Operation Research for Engineers"

Our staff Member of Electrical and Electronics Engineering **Dr.N.Chidambararaj** attended a five days workshop on "Operation Research for Engineers " at St.Joseph's Institute of Technology.

7.



Our staff Member of Electrical and Electronics Engineering **Mr.T.Sriananda Ganesh** has been recognized as **NPTEL Believer** Jul -Dec 2019 and **NPTEL Discipline Star** Dec 2019

8.



Pic. along with presenting their Innovative Idea (Vishwakarma Awards, 2019)

Students mentor

Our students who got selected and participated in regional convention of Chhatra Vishwakarma Award 2019” held on 18th December 2019 under Southern Region. The team presented an innovative solution under the theme “ How To Enhance The Income Of The Village”


Mr.Abnish
Mr.Arul Manivannan
Mr.Dennis Christopher Micheal
Mr.Abishek R



9.



*Pic1: Swathish G ,VedhikaChelli S & Siva Priya B(IITDM)
Pic:2 Tharun Kumar and Swathish G(IITDM)*

students for presenting their design in Smart Innovative Glove Box Design at the Hackathon event conducted by IITDM, Kanchipuram On december 27 &28 2019
Team 1:Tharun Kumar and Swathish G (III EEE C)
Team 2:Swathish G ,VedhikaChelli S & Siva Priya B (III EEE C)

10.	 <p data-bbox="275 678 1230 727"><i>Pic: Five days online Short Term Training Programme on "Indian Electricity Rule and Code of Practices" by NITTTR, Kolkata</i></p>			<p data-bbox="1314 147 1908 435">Department of EEE organized a five days National Institute of Technical Teachers Training and Research (NITTTR) Kolkata, (Online) Mode Short Term Training Programme on "Indian Electricity Rule and Code of Practices". from 16th Dec to 20th Dec 2019. Faculty/Technical Staff of Electrical Department have participated in the workshop.</p>																					
11.	<table border="1" data-bbox="338 727 1184 995"> <thead> <tr> <th data-bbox="338 727 646 764">Name of the Student</th> <th data-bbox="646 727 850 764">Year/Sec</th> <th data-bbox="850 727 1184 764">Name of the Company</th> </tr> </thead> <tbody> <tr> <td data-bbox="338 764 646 802">Yogeshwaran M</td> <td data-bbox="646 764 850 802">IV / D</td> <td data-bbox="850 764 1184 802">Wipro National Hunt</td> </tr> <tr> <td data-bbox="338 802 646 839">Meenu Preethi K</td> <td data-bbox="646 802 850 839">IV / B</td> <td data-bbox="850 802 1184 839">Zifo Rnd</td> </tr> <tr> <td data-bbox="338 839 646 876">Devsiva K M</td> <td data-bbox="646 839 850 876">IV / B</td> <td data-bbox="850 839 1184 876">Mastech Infotrellis</td> </tr> <tr> <td data-bbox="338 876 646 914">Purushothaman P</td> <td data-bbox="646 876 850 914">IV / C</td> <td data-bbox="850 876 1184 914">Mcderrmot</td> </tr> <tr> <td data-bbox="338 914 646 951">Aarthi M</td> <td data-bbox="646 914 850 951">IV / A</td> <td data-bbox="850 914 1184 951">Skill Lync Drive</td> </tr> <tr> <td data-bbox="338 951 646 995">Srinidhi R</td> <td data-bbox="646 951 850 995">IV / D</td> <td data-bbox="850 951 1184 995">Skill Lync Drive</td> </tr> </tbody> </table>			Name of the Student	Year/Sec	Name of the Company	Yogeshwaran M	IV / D	Wipro National Hunt	Meenu Preethi K	IV / B	Zifo Rnd	Devsiva K M	IV / B	Mastech Infotrellis	Purushothaman P	IV / C	Mcderrmot	Aarthi M	IV / A	Skill Lync Drive	Srinidhi R	IV / D	Skill Lync Drive	<p data-bbox="1314 732 1908 802">Our students from Department of EEE placed in companies in the month of December.</p>
Name of the Student	Year/Sec	Name of the Company																							
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Aarthi M	IV / A	Skill Lync Drive																							
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<p data-bbox="978 1016 1167 1053">January 2020</p>																									
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2.					<p>Our students have been shortlisted for the Full Paper Submission round of the Idea Spark 2019-2020 event conducted by Center For Social Innovation & Entrepreneurship, IIT Madras</p> <p>Sowmiya M (IV EEE D) & Swathish G (III EEE C) for the topic Exact detection of accident place & ambulance rescue system</p>																								
3.					<p>Our staff Member of Electrical and Electronics Engineering Mr.R.Sreekanth has successfully completed Multiobjective Optimization Problems and Algorithms and Energy & Power System Optimization in GAMS, Udemmy online Course. He has attended two IEEE Webinar on ”Solar PV Microinverter – Technology “ and “Advanced Safety Architecture for Automotive Systems”.</p>																								
4.	<table border="1"> <thead> <tr> <th data-bbox="264 915 564 993">Students Name</th> <th data-bbox="564 915 812 993">Name of the Event</th> <th data-bbox="812 915 1136 993">Conducted by</th> <th data-bbox="1136 915 1272 993">Prize won</th> </tr> </thead> <tbody> <tr> <td data-bbox="264 993 564 1102">HARIHARAN R JAFREYKIRAN S JAYAVIGNESHWAR G</td> <td data-bbox="564 993 812 1102">Circuit Debugging</td> <td data-bbox="812 993 1136 1102">Sai Ram Institute Of Technology</td> <td data-bbox="1136 993 1272 1102">I</td> </tr> <tr> <td data-bbox="264 1102 564 1211">HARIHARAN R JAFREYKIRAN S JAYAVIGNESHWAR G</td> <td data-bbox="564 1102 812 1211">Technical Quiz</td> <td data-bbox="812 1102 1136 1211">Sai Ram Institute Of Technology</td> <td data-bbox="1136 1102 1272 1211">I</td> </tr> <tr> <td data-bbox="264 1211 564 1320">ASHWINNATH S AADITHYA S ADHITAN A</td> <td data-bbox="564 1211 812 1320">CIRCUIT DEBUGGING</td> <td data-bbox="812 1211 1136 1320">EASWARI ENGINEERING COLLEGE</td> <td data-bbox="1136 1211 1272 1320">I</td> </tr> <tr> <td data-bbox="264 1320 564 1390">ASHWINNATH S</td> <td data-bbox="564 1320 812 1390">ARDUINO CHALLENGE</td> <td data-bbox="812 1320 1136 1390">EASWARI ENGINEERING COLLEGE</td> <td data-bbox="1136 1320 1272 1390">II</td> </tr> <tr> <td data-bbox="264 1390 564 1427">SHARAN R</td> <td data-bbox="564 1390 812 1427">INNOVATION FAIR</td> <td data-bbox="812 1390 1136 1427">JEPPIAAR ENGINEERING</td> <td data-bbox="1136 1390 1272 1427">II</td> </tr> </tbody> </table>	Students Name	Name of the Event	Conducted by	Prize won	HARIHARAN R JAFREYKIRAN S JAYAVIGNESHWAR G	Circuit Debugging	Sai Ram Institute Of Technology	I	HARIHARAN R JAFREYKIRAN S JAYAVIGNESHWAR G	Technical Quiz	Sai Ram Institute Of Technology	I	ASHWINNATH S AADITHYA S ADHITAN A	CIRCUIT DEBUGGING	EASWARI ENGINEERING COLLEGE	I	ASHWINNATH S	ARDUINO CHALLENGE	EASWARI ENGINEERING COLLEGE	II	SHARAN R	INNOVATION FAIR	JEPPIAAR ENGINEERING	II				<p>Our students of Electrical and Electronics Engineering who won prizes in the various event held at various colleges</p>
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			COLLEGE		
	SHARAN R	PAPER PRESENTATION	JEPPIAAR ENGINEERING COLLEGE	II	
	SHARAN R	POPERIUS KYNNING	JEPPIAAR ENGINEERING COLLEGE	III	
	SHARAN R	ELEKZAP	JEPPIAAR ENGINEERING COLLEGE	I	
5.	Students Name	Conference	Paper title		Our students of Electrical and Electronics Engineering who have presented paper in the conference and published paper in scopus indexed journal
	Hounandan R Kumaran MS	2 nd International Conference on Power Engineering ,Computing and Control – VIT Chennai	Dynamic Analysis of Fuel Cell Fed Superlift Converter		
	Nirmitha A.J Jennifer Dania T	2 nd International Conference on Power and Embedded Control Drive - SSN College of Engineering	Comparative Analysis of Fuel Cell Based Positive and Negative Output Superlift Converter		
6.					Our students from III year EEE participated two days student workshop during 23/01/2020 – 24/01/2020 by NITTTR(PLC and SCDA), Emcog(Design of SMPS) and Finland labs(IOT using Arduino)
	<p align="center"><i>Pic : Student Workshop by Finland labs (IOT using Arduino)</i></p>				



Pic : Student Workshop by NITTTR (PLC and SCDA)



Pic : Student Workshop by Emcog(Design of SMPS)

DEPARTMENT OF MECHANICAL ENGINEERING

S.N o	Events	Remarks
1.	SEMINAR	Faculty of the Engineering departments continuously develop their knowledge in teaching as well as research through attending various seminars, workshops and conferences. Two days National Seminar on “ ROLE OF SMART MATERIALS IN AEROSPACE AND ENGINEERING APPLICATIONS ” sponsored by SERB was organized on 16.12.2019 & 17.12.2019.



Prof. Dr. P. Chakravarthy, Indian Institute of Space Science and Technology-Kerala inaugurated the programme by lighting the kuthuvilakku



Dr. A. Arokia Rajan, Professor, Indian Institute of Technology-Madras, during his sessions on “Smart composites and SMAs for morphing wing technology in UAVs”

It provided a platform for early career academicians to present and discuss the most recent trends and challenges involved and the solutions adopted in the field of Smart Materials In Aerospace And Engineering Applications



Dr.A.Rajadurai, Retd. Professor, Anna University, Chennai, along with the Participants after distributing the certificates.

2..

DST-SERB Sponsored Seminar



Dr.G.L.Samuel, Professor, Indian Institute of Technology, Madras inaugurated the three days national seminar by lighting the Kuthuvilakku.

DST-SERB has Sponsored our Mechanical Engineering Department for conducting a 3 days National Seminar on “**EFFICIENCY ENHANCEMENT THROUGH GREEN INNOVATION IN MANUFACTURING**” with a Grant of INR 1 Lakh which was organized on 18/12/2019 to 20/12/2019. It provided a platform for early career academicians to present and discuss the most recent trends and challenges involved and the solutions adopted in the field of Green innovation in manufacturing.



The chief guest Dr.G.L.Samuel, Professor, IITM was honoured by the Seminar chair Dr.B.Parvathavarthini (Dean-Research), in presence of the Seminar chair Dr.Vaddi Seshagiri Rao (Principal), Dr.S.Arivazhagan (HOD-Mechanical-Lab Affairs) and the Convenor of the Seminar Dr.N.Arunkumar (HOD-Mechanical-Student Affairs)

3. InPlant Training

The aim of the Inplant Training is to provide an exposure to students about the Current scenario in industries in the field of mechanical engineering. Students from our department had undergone inplant training at various organisations like Tuticorin Thermal Power Plant, Electric Loco Shed, Chennai Port Trust, MAHLE Engine Components, TVS Sundaram Clayton Ltd , Bonfiglioli Transmissions Pvt Ltd, Kaleesuwari Refinery Pvt Ltd

4.


Staff Name	Name of the Paper	Journal name and Details
Dr.G.M.Lionus Leo, Dr.S.Arivazhagan,Dr.S.Sekar	Experimental investigation and ANN modeling	Journal of Thermal Analysis

Our staff Member Dr.G.M.Lionus leo of Mechanical Engineering has Published paper in Journal of Thermal Analysis and Calorimetry



		of the effects of Diesel / Gasoline premixing in a waste cooking oil fueled HCCI-DI engine	and Calorimetry	
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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Sl. No.	Event with Photo	Description
1	NGO Visit 	Date of visit: 30.11.2019 Place of visit: Sathyanarayana Old age home, Nanmangalam, Chennai Students : II year CSE – A Sec Duration : 10.30 AM to 3.30 PM Objective: To know the social responsibilities of students and to motivate them enhance their helping tendency and sharing things to others this visit has been arranged. Outcome: Students get the different experience by interaction the different set of old age people from the home and they have a feeling about not to send our parents or sibling to the old age homes.
2	Book Chapter	Name of the Author : G.Murugesan

			<p>Title of the chapter : Divisible Load Scheduling from Single Source in Distributed Environments</p> <p>Publisher : Springer</p> <p>Book Name : Lecture Notes on Data Engineering and Communications Technologies</p>
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DEPARTMENT OF INFORMATION TECHNOLOGY

Sl. No.	Photographs Captured During Events	Corresponding remarks in regarding the status of activity execution																								
1	 <p data-bbox="275 662 573 756">Dr. M. Anbu participated Workshop in NITTR, Chennai</p>  <p data-bbox="275 1190 573 1317">Dr. C. Heltin Genitha & R. Deepa are attending “FDP on Computational Intelligence”</p>	<p data-bbox="604 297 890 329">Workshop Attended</p> <table border="1" data-bbox="632 375 1879 1279"> <thead> <tr> <th data-bbox="632 375 827 443">Staff Name</th> <th data-bbox="827 375 1022 443">Name</th> <th data-bbox="1022 375 1247 443">Place</th> <th data-bbox="1247 375 1388 443">Type</th> <th data-bbox="1388 375 1566 443">Days</th> <th data-bbox="1566 375 1879 443">Description of the Workshop/FDP</th> </tr> </thead> <tbody> <tr> <td data-bbox="632 443 827 894">Dr. M. Anbu</td> <td data-bbox="827 443 1022 894">National Workshop on Socially Relevant Technical Education: Exploring Cooperation Oriented Action</td> <td data-bbox="1022 443 1247 894">National Institute of Technical Teachers Training and Research, Chennai</td> <td data-bbox="1247 443 1388 894">Workshop</td> <td data-bbox="1388 443 1566 894">6-12-2019 & 7-12-2019 (2 days)</td> <td data-bbox="1566 443 1879 894">This workshop deals with the importance of regional development with national focus, emerging human and social landscape of India, role of institution in social development, integration of social science stream with engineering curriculum, enabling the role of technical teachers in social development etc.,</td> </tr> <tr> <td data-bbox="632 894 827 1019">C. Heltin Genitha</td> <td data-bbox="827 894 1022 1019" rowspan="2">FDP on Computational Intelligence</td> <td data-bbox="1022 894 1247 1019" rowspan="2">Department of CSE and IT, St. Joseph’s College of Engineering, Chennai</td> <td data-bbox="1247 894 1388 1019" rowspan="2">FDP</td> <td data-bbox="1388 894 1566 1019" rowspan="2">16-12-2019 to 20-12-2019 (5 days)</td> <td data-bbox="1566 894 1879 1019" rowspan="2">This FDP deals with artificial neural networks, natural language processing, evolutionary computing, knowledge representation, fuzzy logic and swarm intelligence. These concepts are applied over real time applications in order to solve complex problems.</td> </tr> <tr> <td data-bbox="632 1019 827 1279">R. Deepa</td> </tr> </tbody> </table>						Staff Name	Name	Place	Type	Days	Description of the Workshop/FDP	Dr. M. Anbu	National Workshop on Socially Relevant Technical Education: Exploring Cooperation Oriented Action	National Institute of Technical Teachers Training and Research, Chennai	Workshop	6-12-2019 & 7-12-2019 (2 days)	This workshop deals with the importance of regional development with national focus, emerging human and social landscape of India, role of institution in social development, integration of social science stream with engineering curriculum, enabling the role of technical teachers in social development etc.,	C. Heltin Genitha	FDP on Computational Intelligence	Department of CSE and IT, St. Joseph’s College of Engineering, Chennai	FDP	16-12-2019 to 20-12-2019 (5 days)	This FDP deals with artificial neural networks, natural language processing, evolutionary computing, knowledge representation, fuzzy logic and swarm intelligence. These concepts are applied over real time applications in order to solve complex problems.	R. Deepa
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Dr. M. Esther Hannah and S. Anitha are attending FDP on Operations Research for Engineers

Workshop Attended

Staff Name	Name	Place	Type	Days	Description of the Workshop/FDP
Dr. M. Esther Hannah	FDP on Operations Research for Engineers	NITTTR, St. Joseph's Institute of Technology	FDP	6-12-2019 & 7-12-2019 (2 days)	This FDP covered the topics such as computing and information technologies, Financial engineering, Manufacturing, service sciences and supply chain management Policy modeling and public sector work, Revenue management, Simulation, Stochastic models
S. Anitha					

DEPARTMENT OF ELECTRONICS AND INSTRUMENTATION ENGINEERING

Sl. No.	Photographs Captured During Events (Briefs About the Photographs)	Corresponding remarks (Minimum 300 words) in regarding the status of activity
1.	ISA Activity	<p>A 2 Day workshop was conducted for II year Students by Retech Solutions Pvt limited on “Robotics with Arduino and Node MCU”</p> <p>Date: Dec 12 to Dec 13 ,2019</p> <p>Venue: Transducers Lab</p> <p>Participants: 52 students from II Year</p> <p>Day 1:</p> <p>Basics of electrical and electronics components were discussed. Brief introduction and hands on experience on Arduino and Node MCU . Mini projects such as Blinking LED, Object detection , how to measure distance using ultrasonic sensor.</p> <p>Day 2:</p> <p>Hands on experience with temperature sensor and Bluetooth connection. Speed control of servo motor. Students also learnt how to control robots using Bluetooth and mobile test. Finally students did mini projects by making robots which were controlled by bluetooth.</p>

Sl. No.	Photographs Captured During Events (Briefs About the Photographs)	Corresponding remarks (Minimum 300 words) in regarding the status of activity
3.	Publications	Dr.K.Palani Thanaraj published a paper in Imaging systems and technology , Wiley online library Titled “Convolutional neural network in the detection of lung carcinoma using transfer learning approach” dated 28, December 2019