

## Faculty Achievements

Department: Sciences & Humanities

A.Y. 2015-16

Sl.No.	Attribute	Details	
1.	PhD Awarded	University with Specialization	
	Dr.T.Shekharam	Study of Structural, Optical, Electrical and Dielectric properties of $Cd_{0.8-x}Pb_xZn_{0.2}S$ Semiconductor Compounds Osmania University	
2.	No. of Publications	National	International
	M.Ramesh	-	<ol style="list-style-type: none"> <li>1. <b>Optimal Solution of Linear Programming Problems with Fuzzy Variables</b> International Journal of Advances in Soft Computing Technology, Volume 5, Issue 1., June-2015.</li> <li>2. <b>Capital Budgeting Decision – A Fuzzy Goal Programming Approach.</b> International Journal Of Innovative Technology and Research. Volume No.3, Issue No.5., September-2015</li> </ol>
	Dr. M. Yuvaraju	-	<ol style="list-style-type: none"> <li>1. <b>Capital Budgeting Decisions in GHMC Through Goal Programming</b> International Journal of Advances in Soft Computing Technology - Volume 5, Issue 1, Pg.No. 25 - 29., June-2015.</li> <li>2. <b>Optimum Allocation of Computer Resources through Goal Programming</b> International Journal of Innovative Technology and Research. Volume No.3, Issue No.5, Pg.No. 2459 – 2468., September-2015</li> <li>3. <b>Cyber Ethic's importance in digital life: A Snapshot".</b> International Conference on <u>Innovative Research in Engineering, Science and Management</u>' 15. (Accepted), September-2015.</li> <li>4. <b>Project Selection Decision Making - A Goal Programming Approach.</b> Journal of Mathematical Sciences, 2015 (Accepted).</li> </ol>

	Mrs. Y. Aparna	-	<ol style="list-style-type: none"> <li>1. <b>“A Review on reactions and applications of oxazolones”</b> in International Journal of Scientific and Research Publications, Volume 5, Issue 6, June 2015 ;ISSN 2250-3153</li> <li>2. <b>“Synthesis, characterization and molecular docking studies of new Erlenmeyer Azlactones”</b> in International organization of scientific research.IOSR Journal of Applied Chemistry (IOSR-JAC) e-ISSN: 2278-5736.Volume 8, Issue 8 Ver. II (Aug. 2015), PP 30-36.</li> </ol>
3.	Faculty got eligibility for Guideship	University Details	
	Dr.S.Thiagarajan	Osmania University	

### Faculty Achievements

Department: Sciences & Humanities

A.Y. 2016-17

Sl.No.	Attribute	Details	
1.	No. of Publications	National	International
	Dr. T. Shekharam	-	1. Effect of Cd on Structure and Optical Properties of ZnO Nano Powders by sol.gel. Method. Journal: Materials today, ( <b>Elsevier</b> ) Proceedings, Volume: 3, Issue 10, Part-B, 16 Pages 3621-3625.
	Mr. M. Ramesh	-	<ol style="list-style-type: none"> <li>1. Relevance of Mathematics to Real World Problems, One day seminar, Dept. of Mathematics, OU. Nov-2016.</li> <li>2. “Goal Programming Modal for Optimal Bank Investment Planning”, ICRET-2017, Matrusri Engineering College. April-2017</li> </ol>
	Dr. M. Yuvaraju	-	<ol style="list-style-type: none"> <li>1. “Goal Programming Modal for Optimal Bank Investment Planning”, ICRET-2017, Matrusri Engineering College. April-2017</li> <li>2. Relevance of Mathematics to Real World Problems, One day seminar, Dept. of Mathematics, OU. Nov-2016</li> </ol>
	Mrs. K. Sandhya	-	1. Molecular Docking Analysis of Uni prot KB Nitrate Reductase Enzyme with known

			<p>Natural Flavonoids. Journal : Bioinformation, Proceedings, Volume -12 Issue -12 Pages 425 – 429 (2016)</p> <p>2. Bioinformation Proceedings, Volume -12 Issue -12 : Pages 425 – 429(2016)</p>
	Mrs. Y. Aparna	-	<p>1. Antibacterial &amp; Antifungal Studies of Some Derivatives of Oxazolones, AP Science Congress, Vijayawada, Nov-2016.</p> <p>2. A Multi Dimensional Approach to Synthesis of Azlactones at ICERT-2017, April-2017, Matrusri Engineering College, Hyderabad.</p>
	Mr.T.Vishnu	-	<p>1. Molecular Docking Analysis of Uni prot KB Nitrate Reductase Enzyme with known Natural Flavonoids. Journal : Bioinformation, Proceedings, Volume -12 Issue -12 Pages 425 – 429 (2016)</p>
	Mrs. K. Aruna Kumari	-	<p>1. Molecular Docking Analysis of Uni prot KB Nitrate Reductase Enzyme with known Natural Flavonoids. Journal : Bioinformation, Proceedings, Volume -12 Issue -12 Pages 425 – 429 (2016)</p>
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2.	Faculty as Resource Person	Event Details	
	Dr.S.Thiagarajan	Application of “Basic Sciences in Engineering” , Nov-2016, Nizam Institute of Engg.& Tech., Hyderabad.	

### Faculty Achievements

**Department: Sciences & Humanities**

**A.Y. 2017-18**

Sl.No.	Attribute	Details
1.	PhD Awarded	University with Specialization
	Dr.M.Yuvaraju	<p>Mathematics, Ch. CharanSingh Univeristy(Formerly Meerut University), Meerut, UP With Titled</p> <p>“ A STUDY OF MULTY OBJECTIVE PROGRAMMING PROBLEMS AND THEIR APPLICATIONS THROUGH OPERATIONS RESEARCH”</p>

2.	No. of Publications	National	International
	Dr. T. Shekharam	-	<ol style="list-style-type: none"> <li>1. Photoluminescence studies of <math>Cd_{0.8-x}Pb_xZn_{0.2}S</math> semiconductor compounds. Journal of Luminescence, 197 (2018) 56-61, Jan-2018 (<b>Elsevier</b>)</li> <li>2. Influence of Lead on structure and Morphology of <math>Zn_{1-x}Pb_xS</math> Semiconductor compound prepared by co-precipitation technique in NTSET-2018, Feb-2018, MECS</li> <li>3. Study of low temperature DC Conductivity on <math>Co_xZn_{1-x}S</math> Mixed semiconductor compounds in NTSET-2018, Feb-2018, MECS</li> </ol>
	Mr. M. Ramesh	-	<ol style="list-style-type: none"> <li>1. IJCMS, Vol.6. Issue-11, Nov-2017, ISSN-2347-8527.</li> <li>2. IJETS, Vol.4, Issue-11, Nov-2017, ISSN-2394-3386.</li> <li>3. Optimal Solution of Linear Programming Problems with Fuzzy Variable in NTSET-2018, Feb-2018, MECS.</li> <li>4. Presented a paper in the conference, Jan-2018, Gurunanak Engineering College</li> <li>5. Goal Programming Modal for Optimal Bank Investment Planning” 07.04.17 - ICRET-2017-MECS</li> </ol>
	Dr. M. Yuvaraju	-	<ol style="list-style-type: none"> <li>1. Optimization of Financial Resources for it industry through goal programming, Dec-2017, Institute of Engineers in India, Hyderabad.</li> <li>2. OPTIMIZATION OF SALES ALLOCATION THROUGH GOAL PROGRAMMING, IJCMS, Vol.6. Issue-11, Nov-2017, ISSN-2347-8527</li> <li>3. IJETS, Vol.4, Issue-11, Nov-2017, ISSN-2394-3386.</li> <li>4. Optimization of web service quality control through goal programming in NTSET-2018. Feb-2018, MECS</li> <li>5. Presented Paper in the conference at Gurunanak Engineering College, Jan-2018.</li> <li>6. Goal Programming Modal for Optimal Bank Investment Planning” 07.04.17 - ICRET-2017-MECS</li> <li>7. 5<sup>th</sup> International Conference on Science Technology and Management (ICSTM -2017).</li> </ol>
	Mrs.Y.Aparna		<ol style="list-style-type: none"> <li>1. “A Multi Dimensional Approach to Syntheses of Azlactones” 07.04.17 - ICRET-2017-MECS</li> <li>2. “Synthesis, Characterization, Antimicrobial evaluation and Antifungal activity on substituted Imidazolones” - NTSET – 2018</li> </ol>
	Dr. K. Sharath Babu	-	<ol style="list-style-type: none"> <li>1. Computational scheme by galerkin method for two point boundary value problems by quintic b-splines –</li> </ol>

			<p>NTSET-2018, MECS, Feb-2018</p> <p>2. Published IOP Journal Computational process to study the wave propagation In a non-linear medium by quasi-Linearization(Scopus Indexed journal)</p> <p>3. “Computational Process to solve nonlinear wave equation using Quasi linearization.”</p> <p>4. Delivered a invited talk on “Applications of partial differential equations” at Gurunanak technical campus(Autonomous) March-2018</p>
3.	Faculty as Resource Person	Event Details	
	Dr.K.Sharath Babu	“Applications of differential equations” at Gurunanak Engineering College	

### Faculty Achievements

Department: Sciences & Humanities

A.Y. 2018-19

Sl.No.	Attribute	Details	
		National	International
1.	No. of Publications		
	Dr. T. Shekharam	-	<p>1. Low temperature DC electrical conductivity studies of <math>Pb_{1-x}Zn_xS</math> Semiconductor compounds Journal- Solid State Sciences-(<b>Elsevier</b>)</p> <p>2. Influence of Pb on structure, optical and electrical properties of <math>Zn_{1-x}Pb_xS</math> Semiconductor compounds Journal- Chemical Physics Letters-(<b>Elsevier</b>)</p>
	Dr.M.Yuvaraju		<p>1. Presented a paper at XXVII Congress of APTSMS at Maris Stella College (Autonomous) on 9th December 2018.</p> <p>2. Participated in “Pedagogical Skills For Faculty In Out Come Based Engineering Education” organized by IEEE Hyderabad Section, IEEE Education Section and Matrusri Engineering College, Hyderabad on 23<sup>rd</sup> to 25<sup>th</sup> Aug. 2018.</p>

			<p>3. Participated in the “one - day seminar on Gender Sensitization (OSGS-2018) organized by Dept. of Science &amp; Humanities, Matrusri Engineering College, Hyderabad on 23<sup>rd</sup> to 25<sup>th</sup> Aug. 2018.</p>	
	Dr. K. Sharath Babu		<p>1. Computational Solution of Two- Point Boundary Value Problem by applying Quadrature process with Liouville-Green Transformation. Journals of recent advance materials , manufacturing and energy systems</p> <p>2. Presented a research paper entitled numerical method to solve two-point boundary value problem using Petro-Galerkin method with quintic basis smooth functions at (XXVII Congress of APTSMS) at Maris Stella College (Autonomous) on –December 2018</p> <p>3. Presented a paper entitled a constructive concern for applicable mathematics and apprehensions at (XXVII Congress of APTSMS) at Maris Stella College (Autonomous) on – December 2018.</p> <p>4. Elected as a Executive committee member in (XXVII Congress of APTSMS) at Maris Stella College (Autonomous) on –December 2018.</p>	
3.	Awards/ Prizes	National	International	Details
	Dr. M.YUVARAJU	National Award		<p><b>“Governor’s Award - National Award For Excellence In Teaching”</b></p> <p>by High Court chief justice on 10<sup>th</sup> Nov. 2018</p>

HOD, S&H