

**Faculty Development Program**  
**On**  
**Applications of Statistical and Neural Network Techniques in Engineering**  
**6<sup>th</sup> -7<sup>th</sup> June, 2016**  
**Department of Mechanical Engineering**  
**Shri MadhwaVadiraja Institute of Technology & Management, Bantakal.**

**Program Schedule**

<b>FDP Day 1 (6<sup>th</sup> June 2016)</b>			
Time	Venue	Event	Resource person
9.00am-9.30am	Seminar Hall (Admin Block)	<b>Registration &amp; Breakfast</b>	
9.30am-10.00am	Seminar Hall (Admin Block)	<b>Inaugural Function</b>	
10.00am-11.15am	CAED Lab	<b>Plenary session-I</b> MATLAB Basics	<b>Dr. Vijay G S</b> <i>Associate Professor, Department of Mechanical and Manufacturing Engineering, MIT, Manipal.</i>
11.15am-11.30am	CAED Lab	Tea Break	
11.30am-12.45pm	CAED Lab	<b>Plenary session-II</b> Applications of MATLAB in Neural Networks	<b>Dr. Vijay G S</b> <i>Associate Professor, Department of Mechanical and Manufacturing Engineering, MIT, Manipal.</i>
12.45pm-1.30pm	College Canteen	Lunch Break	
1.30pm-2.45pm	CAED Lab	<b>Plenary session-III</b> Applications of MATLAB in FEM and CAD problems	<b>Dr. Vijay G S</b> <i>Associate Professor, Department of Mechanical and Manufacturing Engineering, MIT, Manipal.</i>
2.45pm-3.00pm	CAED Lab	Tea Break	
3.00pm-4.15pm	CAED Lab	<b>Plenary session-IV</b> Other applications of MATLAB	<b>Dr. Vijay G S</b> <i>Associate Professor, Department of Mechanical and Manufacturing Engineering, MIT, Manipal.</i>

### FDP Day 2 (7<sup>th</sup> June 2016)

Time	Venue	Event	Resource person
09.30am-11.00am	CAED Lab	<i>Plenary session-I</i> Design of Experiments	<b>Dr. ShreerangaBhat</b> <i>Associate Professor, Department of Mechanical Engineering, SJEC, Mangaluru.</i>
11.00am-11.15am	CAED Lab	Tea Break	
11.15am-12.45pm	CAED Lab	<i>Plenary session-II</i> Taguchi's Methodology	<b>Dr. ShreerangaBhat</b> <i>Associate Professor, Department of Mechanical Engineering, SJEC, Mangaluru.</i>
12.45pm-1.30pm	College Canteen	Lunch Break	
1.30pm-3.15pm	CAED Lab	<i>Plenary session-III</i> Grey Relational Analysis	<b>Dr. SudarshanRao K</b> <i>Professor &amp; Head, Department of Mechanical Engineering, SMVITM, Bantakal.</i>
3.30pm-4.00pm	Seminar Hall (Admin Block)	Valedictory	
4.00pm	Seminar Hall (Admin Block)	<i>High Tea</i>	

**For further information contact coordinators**

1. Mr. Pavan Kumar - 9944699311
2. Mr. Ranganath Bhat - 9742216445
3. Mr. Ganesh R Kalagi - 9590601780