

# **SKILL DEVELOPMENT**

**April 2012 – May 2013**

| <b>Branch</b> | <b>Title of the Programme</b>           | <b>YEAR</b> |
|---------------|---|-------------|
| <b>CSE</b>    | 1.Communication Skills                  | <b>II</b>   |
|               | 2.Applications of Queuing theory in CSE |             |
|               | 3.C and Data structures                 | <b>III</b>  |
|               | 4.Communication skills training.        | <b>IV</b>   |
|               | 5.Networking skill.                     |             |
|               | 6.Technical Skill – C Skill set         |             |
|               | 7.Technical Skills – Advance Java       |             |

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|-------------|--|------------|
| <b>ECE</b>  | 8.Pspice simulation and modeling                       | <b>II</b>  |
|             | 9.Challenge the world                                  |            |
|             | 10Matlab programming                                   |            |
|             | 11.PLC Programming                                     | <b>III</b> |
|             | 12. Speedup with confidence                            |            |
|             | 13Pspice simulation and modeling                       |            |
|             | 14.Communicate With Confidence                         | <b>IV</b>  |
|             | 15. Pspice simulation and modeling                     |            |
| <b>EEE</b>  | 16.Digital storage oscilloscope and Function generator | <b>II</b>  |
|             | 17.Communication skills and personality Development    | <b>IV</b>  |
| <b>MECH</b> | 18.CNC lathe.  | <b>II</b>  |
|             | 18.Design and Analysis of Composite materials          |            |

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|                 | 19.CNC lathe.  | <b>III</b>          |
|                 | 20.Design and Analysis of Composite materials        |                     |
|                 | 21.Communication skills training                     |                     |
|                 | 22.Communication workshop                            | <b>IV</b>           |
|                 | 23.PLC hydraulic and Pneumatic Circuits & Automation |                     |
| <b>All dept</b> | 24.E Learning  | <b>I ,II,III,IV</b> |
|                 | 25.NPTEL Awareness                                   | <b>I</b>            |

**Jun 2013 – May 2014**

| <b>Branch</b> | <b>Title of the Programme</b>  | <b>YEAR</b> |
|---------------|--|-------------|
| <b>CSE</b>    | 26.Communication Skills<br>08.02.2014-09.02.2014                         | <b>I</b>    |
|               | 27.PC Hardware Maintenance and Trouble Shooting                          | <b>II</b>   |
|               | 28.Effective communication Skills Development<br>(08.10.2013-09.10.2013) |             |
|               | 29.Developing Embedded Applications<br>13.12.2013-17.12.2013             |             |
|               | 30.C skill set<br>18.12.2013-20.12.2013                                  |             |
|               | 31.Project Design & Development<br>18.02.2014 – 21.02.2014               |             |
|               | 32.Advanced Java Programming   | <b>III</b>  |
|               | 33. Cyber Disease (CSE)<br>(30.09.2013 -01.10.2013)                      |             |
|               | 34.C and Dot net Framework<br>22.12.2013-24.12.2013                      |             |

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| 35. Network Security 19.12.2013-20.12.2013  | <b>IV</b> |
| 36. Aptitude and communication skills<br>22.01.2014-26.01.2014                          |           |
| 37. Innovations in engineering education<br>03.04.2014                                  |           |
| 38. Android Application Development   |           |
| 39. Soft skills(CSE)<br>(15.09.2013)  |           |
| 40. Cyber Disease (CSE)<br>(30.09.2013 -01.10.2013)                                     |           |
| 41. Computer forensic techniques and tools<br>08.01.2014-09.01.2014                     |           |
| 42. Advanced Data structures and Analysis of<br>Programming<br>22.01.2014 to 25.01.2014 |           |
| 43. Implementing Information Security in an<br>organization                             |           |
| 44. Soft skills<br>18.02.2014 – 22.02.2014  |           |

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| <b>ECE</b> | 45.Challenge the world with Confidence   | <b>II</b>  |
|            | 46.Hands on Training on Agilent Digital Measuring Equipments 10.02.2014                          |            |
|            | 47. Igniting the spirit of Innovation and Entrepreneurship in Engineering Students<br>25.03.2014 |            |
|            | 48.PCB Design-Hands on Training  | <b>III</b> |
|            | 49.Hands on Training on Agilent Digital Measuring Equipments 11.02.2014                          |            |
|            | 50. Igniting the spirit of Innovation and Entrepreneurship in Engineering Students<br>24.03.2014 |            |
|            | 51.Embedded Systems  | <b>IV</b>  |
|            | 52.Computer Hardware Interfacing   |            |
|            | 53.Hands on Training on Agilent Digital Measuring Equipments<br>12.02.2014                       |            |

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|------------|--|------------|
|            | 54. Igniting the spirit of Innovation and Entrepreneurship in Engineering Students<br>26.03.2014   |            |
| <b>EEE</b> | 55. Design and simulation of Electrical and Electronic circuits using Pspice, Electrical power suite and MATLAB 07.03.2014to 09.03.2014    | <b>I</b>   |
|            | 56. Testing & Fabrication of Electronic Circuits   | <b>II</b>  |
|            | 57. Study of solid state switches and power electronic converters design   | <b>III</b> |
|            | 58. Campus Placement Cracker- Phase I<br>21.02.2014-23.02.2014   |            |
|            | 59. Campus Placement Cracker- Phase II<br>28.02.2014-02.03.2014  |            |
|            | 60. Design and simulation of Electrical and Electronic circuits using Pspice, Electrical power suite and MATLAB<br>07.03.2014to 09.03.2014 |            |
|            | 61. Innovations in engineering education<br>04.04.2014   |            |

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|-------------|--|------------|
|             | 62.DSP based Speed Control of Electrical Drives  | <b>IV</b>  |
|             | 63.Embedded Controllers for Electrical Systems   |            |
| <b>MECH</b> | 64.Robotics Training<br>24.01.2014-26.01.2014  | <b>II</b>  |
|             | 65.Geometric Dimensioning and Tolerancing<br>19.02.2014-20.02.2014   |            |
|             | 66. Microprocessor and Microcontroller<br>(14.09.2013 – 15.09.2013)  | <b>III</b> |
|             | 67. Programmable logic controller with Hydraulic and Pneumatic Applications(MECH)<br>(21.09.2013 – 22.09.2013) |            |
|             | 68.Robotics Training<br>24.01.2014-26.01.2014  |            |
|             | 69. Workshop on RC Aircraft<br>12.12.2013-14.12.2013   |            |
|             | 70.Career Development & Opportunity in public Sector   |            |
|             | 71.PLC hydraulic and Pneumatic Circuits & Automation   | <b>IV</b>  |
|             | 72.Advanced Unconventional Machining process   |            |



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|------------------|---|------------|
|                  | 73. Soft skills development<br>(14.09.2013 – 15.09.2013)  |            |
|                  | 74.NAFEMS-Employability Enhancement Training<br>programme on CAD/CAM & CAE<br>23.12.2013-28.12.2013 |            |
|                  | 75. TQM tools quality systems & ISO 9000/14000  |            |
| <b>All Depts</b> | 76.Remote infrastructure Management System<br>14.12.2013-18.12.2013                                 | <b>IV</b>  |
|                  | 77.Career Guidance<br>25.01.2014  |            |
|                  | 78.Remote infrastructure Management System<br>27.01.2014- 01.02.2014                                |            |
|                  | 79.Recent Advances in Engineering and Magnetic<br>Materials -Physics<br>22.02.2014-24.02.2014       | <b>I</b>   |
|                  | 80. Design and Engineering of small satellite<br>02.04.2014   | <b>III</b> |

**Jun 2014-DEC 2014**

| <b>Branch</b> | <b>Title of the Programme</b>   | <b>YEAR</b> | <b>No of Beneficiaries</b> |
|---------------|---|-------------|----------------------------|
| EEE           | 81.Konfident<br>07.07.2014 to 08.07.2014  | II          | 56                         |
| EEE           | 82.Testing And Circuit Debugging Of Electronic Components<br>07.08.14 to 09.08.14     | II          | 56                         |
| EEE           | 83.PCB design and fabrication<br>18.09.2014-19.09.2014                                | II          | 56                         |
| EEE           | 84.Campus Placement Cracker<br>09.07.2014 to 10.07.2014                               | III         | 70                         |
| EEE           | 85.Power Electronics and Applications   | III         | 72                         |
| EEE           | 86.Empower<br>11.07.2014 to 12.07.2014  | IV          | 60                         |
| EEE           | 87.Photovoltaic cell-design ,installation and maintenance<br>30.07.2014 to 03.08.2014 | IV          | 60                         |
| EEE           | 88. Electric Circuit Theory-Gate Coaching<br>21.08.14 to 23.08.14                     | IV          | 60                         |

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|------|--|-----|----|
| EEE  | 89.Gate Coaching<br>13.09.2014-15.09.2014  | IV  | 60 |
| Mech | 90.Communication behavior skill development  | II  | 71 |
| Mech | 91.Innovative Technologies and Internal Combustion Engineering<br>19.07.2014 to 20.07.2014                 | III | 70 |
| Mech | 92.Computer aided Manufacturing<br>26.07.2014 to 27.07.2014  | III | 70 |
| Mech | 93.Applied Hydraulics and pneumatics with applications<br>07.10.2014 to 08.10.2014                         | III | 70 |
| Mech | 94.Total Quality Management<br>25.07.2014 to 27.07.2014  | IV  | 65 |
| Mech | 95.PLC and automation<br>08.10.2014 to 09.10.2014  | IV  | 65 |
| ECE  | 96.Konfident<br>21.07.2014 to 22.07.2014   | II  | 57 |
| ECE  | 97.Campus Placement and crackers<br>23.07.2014 to 24.07.2014   | III | 61 |
| ECE  | 98.Analog System design using ASIC.<br>10.10.2014 to 11.10.2014  | III | 61 |
| ECE  | 99.Solistic communication skills Development programme based on LSRW Framework<br>25.07.2024 to 26.07.2014 | IV  | 59 |
| ECE  | 100.Hands on training on low power microcontroller MSP 430<br>8.10.2014 to 9.10.2014                       | IV  | 59 |

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|----------|---|------------|--------------|
| CSE      | 101.Effective communication skills<br>11.10.2014 to 12.10.2014  | I          | 56           |
| CSE      | 102.Effective Communication skill<br>27.09.2014 – 29.09.2014  | II         | 59           |
| CSE      | 103.Android Application<br>27.09.2014-29.09.2014  | III        | 70           |
| CSE      | 104.C & Data structures<br>18.08.14 to 19.08.14   | IV         | 57           |
| CSE      | 105.Spoken tutorial workshop on “Linux” organized by IIT<br>Bombay<br>26.08.2014  | IV         | 65           |
| CSE      | 106.Aspiration 2020-Infosys campus connect online coding<br>contest 23.09.2014  | II,III,IV  | 69+70+64=193 |
| All Dept | 107.Webinar on "Careers in Information Security " by Mr.<br>Anjaneya Sastry, Information Security Assurance<br>Manager, Wipro 24.07.2014_ (CII) | III,<br>IV | 65+65=130    |
| All Dept | 108.Webinar on”From College to corporate”<br>30.07.2014_ (CII)  | II         | 70           |
| All dept | 109.Webinar on “Overview of Big Data Technology<br>Landscape”13.08.2014   | III<br>IV  | 65+65=130    |
| All dept | 110.CII Chennai Day event 21.08.2014  | III,IV     | 65+65=130    |
| All Dept | 111.Modern Engineering role of Laser Photonics and Fiber<br>optics<br>07.11.2014 to 08.11 2014  | I          | 200          |

**Jan 2015 –May 2015**

| <b>Dept</b> | <b>Name of the Programme</b>  | <b>Co-ordinator</b>     | <b>Yr</b> | <b>Total No of Beneficiaries</b> |
|-------------|---|-------------------------|-----------|----------------------------------|
| CSE         | 112.“English Grammar and soft skills”<br>07.02.2015 to 08.02.2015                           | Prof.C.Satheesh Pandian | I         | 54                               |
| CSE         | 113.IT integrated Management Services-<br>ESCI,Hyd<br>27.02.2015 to 28.02.2015              | Prof.J.Nafeesa Begum    | II,IV     | 93                               |
| CSE         | 114.Embedded system and Its<br>applications<br>13.03.2015 to 14.03.2015                     | Prof.C.M.T.Karthikeyan  | II        | 59                               |
| CSE         | 115.Integrated Cloud Management<br>Services-ESCI,Hyd<br>27.02.2015 to 28.02.2015            | Prof.S.Selvi            | III       | 70                               |
| CSE         | 116.IT Embedded management systems<br>08.03.2015 to 11.03.2015                              | Prof.Jagatheeshwari     | IV        | 64                               |
| ECE         | 117.MATLAB Programming-Pantech<br>29.01.2015 to 30.01.2015                                  | Dr.V.Thirunavukkarasu   | II        | 54                               |
| ECE         | 118.VLSI–An introduction-pantech<br>08.01.2015 to 09.01.2015                                | Dr.V.Thirunavukkarasu   | III       | 65                               |
| ECE         | 119.Communication ,soft skills and<br>typical interview planner<br>09.01.2015 to 10.01.2015 | Dr.V.Thirunavukkarasu   | IV        | 59                               |

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|------|--|----------------------|----------|-----|
| ECE  | 120.One day workshop on “Outcome based accreditation”<br>18.03.2015  | Prof.M.Elangovan     | I,II,III | 178 |
| EEE  | 121.System on chip design using ARM microcontrollers<br>-esci,hyd<br>13.02.2015-14.02.2015                       | Prof K.Mohan         | IV       | 60  |
| EEE  | 122.Dc machines and transformer – Gate Coaching-alpha beta soln<br>13.02.2015 and 14.02.2015                     | Prof,Bhavani         | II       | 56  |
| EEE  | 123.Embedded Systems-ESCI,Hyd<br>13.02.2015to 14.02.2015   | Dr.I.Thangaraj       | III      | 72  |
| EEE  | 124.Design and modeling of Electrical and Electronics circuits using ORCAD and MATLAB<br>19.02.2015 to21.02.2015 | Prof.S.Sudha         | IV       | 60  |
| EEE  | 125.STP on control Systems -Alpha Beta Soln<br>23.01.2015 to 24.01.2015  | Prof K.Mohan         | IV       | 60  |
| Mech | 126.Communication skill development<br>27.02.2015 to 28.02.2015  | Prof.D.Kulandaivel   | I        | 49  |
| Mech | 127.Innovation Techniques in Thermal technologies<br>07.02.2015 to 08.02.2015                                    | Prof.S.Anantha Kumar | II       | 66  |

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|------|--|-----------------------|------------|------------------|
| Mech | 128.C Programming for Mechanical Engineers-Insemi Tech,Bangalore<br>27.02.2015 to 28.02.2015                               | Dr.I.Rahamathullah    | II         | 66               |
| Mech | 129.3D Printing<br>06.03.2015 to 07.03.2015  | Prof.P.Tirumal        | II         | 66               |
| Mech | 130.Role of foreign language in higher studies and engineering careers<br>13.02.2015 to 14.02.2015                         | Dr.I.Rahamathullah    | III,<br>IV | 120              |
| Mech | 131.Unmanned Aerial Vehicle-<br>ESCI,Hyderabad<br>20.01.2015 to 21.02.2015   | Prof.P.Natarajan      | II,<br>IV  | 66<br>65         |
| Mech | 132.Interdisciplinary workshop on on Design and Development of Ornithopters-<br>ESCI,Hyderabad<br>20.01.2015 to 21.02.2015 | Prof.P.Natarajan      | III        | 67               |
| Mech | 133.Finite Element Methods<br>02.03.2015 to 05.03.2015   | Prof.I.Rahamathullah  | III        | 69               |
| Mech | 134.Interdisciplinary Workshop On Additive Manufacturing<br>06.03.2015 to 07.03.2015                                       | Prof.S.Shankar Ganesh | III        | 71               |
| Phy  | 135.Magnetic materials and its Engineering Applications<br>14.02.2015 to 15.02.2015  | Prof.R.Bakkiyaraj     | CSE<br>ECE | CSE:54<br>ECE:43 |

|          |  |                       |             |   |
|----------|--|-----------------------|-------------|---|
| Phy      | 136.Superconducting materials and its applications<br>21.02.2015 to 22.02.2015       | Prof.R.Bakkiyaraj     | EEE<br>Mech | EEE:53<br>Mech:49                           |
| All Dept | 137.STP on “You can become an IAS/IES”<br>20.01.2015 to 21.01.2015                   | Prof.Elangovan        | III,<br>IV  | 525   |
| All Dept | 138.One day STP on Gate Coaching<br>23.01.2015                                       | Prof.Elangovan        | IV          | 87<br>Mech:23<br>EEE:36<br>ECE:23<br>CSE:05 |
| All Dept | 139.Prevention of Ragging and Communal Harmony in Campus<br>16.03.2015               | Dr.V.Thirunavukkarasu | II          | 235   |
| All Dept | 140.One day workshop on “Advanced Engineering Materials”<br>18.04.2015 to 19.04.2015 | Prof.Bakkiyaraj       | I           | 199   |



**Jun 2015 –Dec 2015**

| <b>Dept</b> | <b>Name of the Programme</b>  | <b>Co-ordinator</b> | <b>Yr</b> | <b>Total No of Beneficiaries</b> |
|-------------|---|---------------------|-----------|----------------------------------|
| ECE         | 141.Hands on training on laboratory Equipment<br>03.09.2015   | Dr.M.Chandrasekaran | II        | 59                               |
| CSE         | 142.Basic Demonstration of Computer Hardwares and Hands on Training in Microsoft Office Tools and Techniques<br>28-08-15 & 29-08-15 | Prof.S.Selvi        | I         | 55                               |
| CSE         | 143.Basics of Computer and Hands on Training in Microsoft Office Automation<br>04-09-15 & 05-09-15                                  | Prof.S.Selvi        | I Mech    | 48                               |
| CSE         | 144.Object Oriented Software Engineering Tools- Cranes Software International Ltd,Bangalore<br>06.07.15 & 07.07.15                  | C.M.T.Karthigeyan   | III       | 59                               |
| CSE         | 145.CII TEQIP-II Webinar on “Cloud Computing”-CTS<br>07-07-2015   | Prof.B.Sivaranjani  | IV        | 70                               |
| CSE         | 146.Big Data- Challenges and Opportunuties<br>16-07-2015 & 17-07-2015   | Prof.S.Selvi        | IV        | <b>67</b>                        |

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|------|---|---------------------|-----------|-----------|
| CSE  | 147.Skill Development and Fast Arithmetic<br>28.07.2015 to 29.07.2015                     | Prof.B.Sivaranjani  | IV        | 70        |
| CSE  | 148.Career Development Training<br>11-08-2015 to 14-08-2018                               | Prof.N.Jagadeeswari | IV        | 70        |
| CSE  | 149.Placement training on java<br>05.09.2015  | Prof.N.Jagadeeswari | IV        | 70        |
| EEE  | 150.CII TEQIP-II Webinar on “Waste Water Treatment”<br>21.07.2015                         | Prof.B.Sivaranjani  | III       | <b>55</b> |
| EEE  | 151.Hands on training in MATLAB Programming<br>04-09-15 & 06-09-15                        | Bhavani.M           | III       | 58        |
| EEE  | 152.German Language for Engineers<br>16.8.2015 to 22.08.2015                              | Prof.R.Sudha        | II        | 65        |
| Mech | 153.German Language For Engineers<br>18.07.2015 to 20.07.2015<br>24.07.2015 to 27.07.2015 | Prof.Kulandaivel    | II<br>III | 15<br>35  |
| Mech | 154.Computer Aided Drafting using CREO 3.0<br>01.08.2015 to 02.08.2015                    | S.Sankar Ganesh     | II        | 60        |
| Mech | 155.Recent trends in heat and mass transfer<br>31.07.2015 to 01.08.2015                   | S.Ananthakumar      | III       | 66        |

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|------------|--|---------------------------|-----|-----|
| Mech       | 156.CNC Programming, Simulation and Operation<br>07.08.2015 to 08.08.2015                          | Dr. I. Rahamathullah      | III | 68  |
| Mech       | 157.Intensive Training Program on C<br>10.08.2015 to 14.08.2015                                    | D.Kulandaivel             | IV  | 69  |
| Mech       | 158.Japanese Language for Engineers<br>17.08.2015 to 22.08.2015                                    | D.Kulandaivel             | IV  | 69  |
| Mech       | 159.Total Quality Management Implementation in Automotive Industries<br>15.09.2015 to 16.09.2015   | Dr. I.Rahamathullah       | IV  | 68  |
| Chem       | 160. Hands on training in Analytical Techniques<br>09.09.2015                                      | Dr.G.Saraswathy           | I   | 46  |
| All Depts  | 161.Aptitude Training<br>29.07.15 to 31.07.15(ECE,EEE) &<br>05.08.15 to 07.08..15(CSE,Mech)        | Prof.M.Elangovan          | IV  | 276 |
| CSE<br>ECE | 162.Aracent Employability programme<br>Duration : 6 months<br>From 09.12.2015<br>Weekly three days | Prof.M.Elangovan<br>(ECE) | IV  | 97  |

### Jan 2016 –June 2016

| <b>Dept</b> | <b>Name of the Programme</b>  | <b>Co-ordinator</b>       | <b>Yr</b> | <b>Total No of Beneficiaries</b> |
|-------------|---|---------------------------|-----------|----------------------------------|
| CSE<br>MECH | 163. CII TEQIP Deliverables.<br>10.3.2016                                   | Prof.B.Sivaranjani, (CSE) | III<br>IV | 185                              |
| EEE         | 164.Arduino Hardware interfacing and programming<br>18.04.2016 & 20.04.2016 | Prof.K.Manogaran          | III       | 58                               |

### July 2016 – Dec 2016

| <b>Dept</b>        | <b>Name of the Programme</b>  | <b>Co-ordinator</b>      | <b>Yr</b>  | <b>Total No of Beneficiaries</b> |
|--------------------|---|--------------------------|------------|----------------------------------|
| Placeme<br>nt Cell | 165.Three Days Students Training Programme on “APTITUDE”<br>08.07.16-10.07.16 | Prof.M.Elangovan, AP/ECE | IV<br>EEE  | 58                               |
| Placeme<br>nt Cell | 166.Three Days Students Training Programme on “APTITUDE”<br>15.07.16-17.07.16 | Prof.M.Elangovan, AP/ECE | IV<br>CSE  | 61                               |
| Placeme<br>nt Cell | 167.Three Days Students Training Programme on “APTITUDE”<br>08.07.16-10.07.16 | Prof.M.Elangovan, AP/ECE | IV<br>MECH | 55                               |

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|--------------------|--|--------------------------|------------|-----|
| Placeme<br>nt Cell | 168.Three Days Students Training Programme<br>on “APTITUDE”<br>29.07.16 - 31.07.16   | Prof.M.Elangovan, AP/ECE | IV<br>ECE  | 55  |
| EEE                | 169.Electromagnetic Fields and Its Applications<br>18.07.2016 – 20.07.2016   | Prof.A.Thangaraj, AP/EEE | II         | 57  |
| EEE                | 170.Fabrication of Electronic Devices and<br>Circuits 10.08.2016-12.08.2016  | Prof.A.Thangaraj,        | II         | 56  |
| EEE                | 171.Advanced trends in power Electronics<br>21.07.2016 – 23.07.2016  | Prof.R.Sudha             | III        | 65  |
| EEE                | 172. Electronics Circuit Design Techniques<br>21.08 2016   | Prof.V.Arivumani         | III        | 38  |
| EEE                | 173.Programable Logic Controller<br>22.08.2016 to 24.08.2016<br>Alpha Beta Soln, Madurai   | Prof.R.Sudha             | III        | 65  |
| EEE                | 174.Design and fabrication of Printed Board.<br>14.09.2016 to 16.09.2016<br>Alpha Beta Soln, Madurai                               | Prof.R.Sudha             | III        | 66  |
| EEE                | 175.Power Electronics applications & control<br>for renewable energy systems – Standing and<br>Future.<br>09.09.2016 to 10.09.2016 | Prof.V.Arivumani         | III,<br>IV | 123 |
| EEE                | 176.Research perspective in Electrical<br>Engineering<br>14-07-2016 to 16-07-2016  | Prof.BHAVANI.M           | IV         | 58  |
| EEE                | 177.Gate Coaching<br>27.07.2016 to 28.07.2016  | Prof.BHAVANI.M           | IV         | 58  |
| EEE                | 178. Nanotechnology<br>05.08.2016 to 06.08.2016  | Dr.I.Thangaraju          | IV         | 58  |

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|-----|--|-----------------------|-----------------|-----|
| EEE | 179. Innovative Project Design<br>20.08.2016   | Prof.V.Arivumani      | IV              | 34  |
| EEE | 180.Power Electronics- Gate Coaching<br>30.08.2016 – 31.08.2016                              | Prof.V.Arivumani      | IV              | 58  |
| EEE | 181.Signal and Control systems<br>20.09.2016 to 23.09.2016                                   | Prof.A.Thangaraj      | IV              | 57  |
| ECE | 182.Agilent test and measuring Instruments-<br>Hands on training<br>13.07.2016 to 15.07.2016 | Dr.V.Thirunavukkarasu | II<br>III<br>IV | 158 |
| ECE | 183.PCB- Hands on training<br>26.07.2016 to 28.07.2016                                       | Prof.P.E.Irin Dorathy | III             | 58  |
| ECE | 184.Digital Signal Processing-Analysis using<br>Matlab/Simulink<br>30.07.2016 to 01.08.2016  | Prof.M.Arul Kumar     | III             | 58  |
| ECE | 185.VLSI Design –Using Cadence Tools<br>30.08.2016 -31.08.2016                               | Prof.M.ArulKumar      | III             | 58  |
| ECE | 186.Innovative thinking and project selection<br>18.09.2016                                  | Prof.K.Manogaran      | III             |     |
| ECE | 187.Graphical System Design(LABVIEW) in<br>Engineering Education<br>05.08.2016 to 06.08.2016 | Dr.V.Thirunavukkarasu | IV              | 55  |
| ECE | 188.Computer hardware interfacing and<br>troubleshooting<br>12.8.16 to 13.8.16               | Prof.M.Kavitha        | IV              | 55  |
| ECE | 189.Computer Communication Networks<br>17.09.2016 to 18.09.2016                              | Prof.M.Elangovan      | IV              | 55  |
| ECE | 190.Embedded System Design<br>25.09.2016 to 27.09.2016                                       | Prof.K.Manogaran      | IV              | 55  |

|     |  |                            |            |    |
|-----|--|----------------------------|------------|----|
| CSE | 191. Basics of computer hardware assembling and troubleshooting<br>19.09.2016 to 20.09.2016                  | Prof.N.Jagadeeswari        | I          | 53 |
| CSE | 192.Hands on Training in Scientific Computation using C++ Programming and Data Structures. 22-07-16&23-07-16 | Prof.S.Selvi               | II         | 61 |
| CSE | 193.Two days student workshop on “Passion for Excellence” 16.07.2016 to 17.07.2016                           | Prof.C.Satheesh Pandian    | II         | 63 |
| CSE | 194.Hands on Training in Scientific Computation using C++ Programming and Data Structures.22-07-16&23-07-16  | Prof.S.Selvi               | II         | 61 |
| CSE | 195.Two days student workshop on “Passion for Excellence” 16.07.2016 to 17.07.2016                           | Prof.C.Satheesh Pandian    | II         | 63 |
| CSE | 196.Python for Scientific Computation<br>06-08-2016 to 07-08-2016  | Prof.S.Selvi               | II         | 60 |
| CSE | 197.Basics of Python with Object Oriented Programming<br>15-07-16&16-07-16                                   | Prof.S.Selvi               | III        | 62 |
| CSE | 198.Two days student workshop on “Passion for Excellence” 23.07.2016 to 24.07.2016                           | Prof.C.Satheesh Pandian    | III        | 62 |
| CSE | 199.Embedded Programming and Hardware Interfacing<br>06.08.2016 to 08.08.2016                                | Prof.K.Manogaran(ECE)      | III<br>CSE | 62 |
| CSE | 200.Secure Your World: Tools and Techniques<br>23.07.16  | Prof.C.M.T.KARTHIGEY<br>AN | IV         | 61 |
| CSE | 201.Embedded Programming and Hardware Interfacing<br>30.07.2016 to 31.07.2016                                | Prof.K.Manogaran<br>(ECE)  | IV<br>CSE  | 61 |

|      |   |                       |                 |    |
|------|---|-----------------------|-----------------|----|
| Mech | 202.Advanced thermodynamics for mechanical Engineers<br>30.07.2016 to 31.07.2016                      | Prof.S.Ananthakumar   | II              | 56 |
| Mech | 203.Computer Aided Design using Autocad<br>16.07.2016 to 17.07.2016                                   | Prof.Shankar Ganesh   | II              | 53 |
| Mech | 204.3D modelling using CREO<br>13.08.2016 – 14.08.2016  | Prof.S.Shankar Ganesh | II              | 53 |
| Mech | 205.Advancement in heat and mass transfer<br>16.07.2016 to 17.07.2016                                 | Prof.S.Ananthakumar   | III             | 55 |
| Mech | 206.Hands on training in 3D printer and 3D Scanner<br>22.07.2016 to 23.07.2016                        | Prof.Shankar Ganesh,  | III             | 55 |
| Mech | 207.New Technology of Internal Combustion Engine<br>10.08.2016 to 11.08.2016                          | Prof.S.Ananthakumar   | III             | 55 |
| Mech | 208.Recent trends in renewable energy<br>20.07.2016 to 21.07.2016                                     | Prof.S.Ananthakumar   | IV              | 69 |
| Mech | 209.Machining of Advanced Materials<br>27.07.2016 to 28.07.2016                                       | Dr.I.Rahamathullah,   | IV              | 69 |
| Mech | 210.Innovation Products and Patents<br>09.08.2016- 10.08.2016   | Dr.Rahamathullah      | IV              | 58 |
| Mech | 211.Quality tools , Techniques and Certification<br>19.08.2016 – 20.08.2016                           | Dr.Rahamathullah      | IV              | 69 |
| Mech | 212.Simulation and Analysis using ANSYS<br>23.08.2016 – 24.08.2016                                    | Prof.S.Shankar Ganesh | IV              | 69 |
| Phy  | 213.Recent advances in Quantum Mechanics and its Engineering Applications<br>13.08.2016 to 14.08.2016 | Prof..Bakkiararaj     | I<br>EEE<br>ECE | 95 |



|             |  |                                |                   |     |
|-------------|--|--------------------------------|-------------------|-----|
| Phy         | 214.Electron Microscope and its Applications<br>20.08.2016 to 21.08.2016 | Prof..Bakkiararaj              | I<br>Mech CSE     | 111 |
| All<br>Dept | 215.MOOC and online certification<br>12.07.2016 to 13.07.2016            | Dr.I.Rahamathullah,<br>AP/Mech | II,<br>III,<br>IV | 720 |

### Jan 2017

| Dept        | Name of the Programme  | Co-ordinator       | Yr                   | Total No of Beneficiaries |
|-------------|--|--------------------|----------------------|---------------------------|
| ALL<br>Dept | 216.NPTEL Awareness workshop<br>05.01.2017   | Dr.I.Rahamathullah | II<br>III<br>IV      | 200                       |
| All<br>Dept | 217.Awareness workshop on Smart India<br>Hackathon 2017<br>12.01.2017                                | Dr.J.Nafeesa Begum | I<br>II<br>III<br>IV | 600                       |
| EEE         | 218.Project Planning and Presentation Skills<br>09.01.2017 to 11.01.2017<br>Alpha Beta Soln, Madurai | Prof. R.Sudha      | III                  | 66                        |
| EEE         | 219.Design, Analysis & Protection with smart<br>microgrid.<br>27.01.17 to 29.01.2017.                | Prof.V.Arivumani   | II,<br>III,IV        | 180                       |

|      |   |                      |     |    |
|------|---|----------------------|-----|----|
| EEE  | 220. Reliable Operation & Control of Electrical Grid 30.01.17 to 01.02.2017.    | Prof. R.Sudha        | III | 66 |
| EEE  | 221.Application of VLSI design in Power Electronics<br>30.01.2007 to 31.01.2017 | Prof.M.Bhavani       | IV  | 58 |
| EEE  | 222. Transformers and DC machines<br>28.01.2017 to 31.01.2017                   | Prof.A.Thangaraj     | II  | 46 |
| ECE  | 223. Internet of Things<br>24.01.2017 to 25.01.2017                             | Prof.M.Kavitha       | IV  | 54 |
| ECE  | 224.Internet of Things<br>27.01.2017 to 29.01.2017                              | Prof.M.Arul Kumar    | III | 58 |
| CSE  | 225.Communication skills<br>23.01.2017 to 25.01.2017                            | Dr.J.Nafeesa Begum   | II  | 63 |
| CSE  | 226.Career development Training<br>18.01.2017 to 22.01.2017                     | Dr.J.Nafeesa Begum   | IV  | 61 |
| Mech | 227.Automotive Engines for Mechanical Engineers<br>23.1.2017 to 25.1.2017       | Prof.S. Ananthakumar | IV  | 69 |
| Mech | 228.Quality Assurance & Quality Control<br>24.01.2017 to 25.01.2017             | Prof.D.Kulandaivel   | III | 55 |
| Mech | 229.Recent Trends in Thermal Engineering<br>27.1.2017 to 29.1.2017              | Prof.S. Ananthakumar | II  | 56 |
| Mech | 230.Geometric Dimensioning & tolerance<br>28.01.2017 to 29.01.2017              | Dr.P.Thirumal        | IV  | 69 |

|      |  |                      |     |    |
|------|--|----------------------|-----|----|
| Mech | 231.Drawing reading skills<br>29.01.2017 to 30.01.2017               | Dr.P.Thirumal        | IV  | 69 |
| Mech | 232.Interview facing skills<br>31.01.2017 to 01.02.2017              | Prof.D.Kulandaivel   | III | 55 |
| Mech | 233.Hands on training in FEA using Ansys<br>31.01.2017 to 01.02.2017 | Prof.S.Sankar Ganesh | IV  | 69 |

### Feb 2017

|     |      |   |                  |     |    |
|-----|------|---|------------------|-----|----|
| EEE | 234. | Design of locating electrical machine using FEM<br>02.02.2017 to 05.02.2017 | Prof.Sudha       | III | 66 |
| EEE | 235. | Circuit Modelling & Simulation using Multisim<br>11.02.2017 to 12.02.2017   | Prof.Sudha       | III | 66 |
| EEE | 236. | Hands on Training - Electrical Power Suite<br>22.02.2017 to 25.02.2017      | Prof.Sudha       | III | 66 |
| EEE | 237. | Hands on Training on Robotics<br>17.02.2017 to 19.02.2017                   | Prof.M.Bhavani   | I   | 49 |
| EEE | 238. | ENERGY AUDIT<br>21.02.2017 TO 22.02.2017                                    | Prof.M.Bhavani   | IV  | 58 |
| EEE | 239. | Digital Signal Processing<br>06.02.2017 to 08.02.2017                       | Prof.A.Thangaraj | II  | 46 |
| EEE | 240. | Matlab for Electrical Engineers<br>10.02.2017 to 12.02.2017                 | Prof.A.Thangaraj | II  | 46 |

|     |      |  |                  |     |    |
|-----|------|--|------------------|-----|----|
| EEE | 241. | Design and fabrication of PCB<br>17.02.2017 to 19.02.2017                                      | Prof.A.Thangaraj | II  | 46 |
| EEE | 242. | Measurement and Instrumentation for<br>Electrical Engineer<br>21.02.2017 to 23.02.2017         | Prof.A.Thangaraj | II  | 46 |
| EEE | 243. | AC and DC circuit Analysis<br>03.02.2017 to 05.02.2017   | Prof.V.Arivumani | I   | 49 |
| EEE | 244. | MODELLING AND SIMULATION OF<br>ELECTRICAL NETWORKS<br>24.02.2017 to 26.02.2017                 | Prof.V.Arivumani | I   | 49 |
| EEE | 245. | Design of FPGA controlled power<br>electronics and drives using MATLAB<br>18.02.17 to 20.02.17 | Prof.V.Arivumani | IV  | 58 |
| EEE | 246. | Advanced Electrical drive and circuit<br>08.02.2017 to 09.02.2017                              | Dr.I.Thangaraju  | III | 66 |
| EEE | 247. | FPGA application for power converters<br>10.02.2017 to 12.02.2017                              | Dr.I.Thangaraju  | IV  | 58 |
| EEE | 248. | Embedded system design<br>13.02.2017 to 14.02.2017   | Dr.I.Thangaraju  | III | 66 |
| EEE | 249. | Power Electronics for solar photo voltaic<br>application<br>08.02.2017 to 09.02.2017           | Prof.Mohan       | IV  | 58 |
| EEE | 250. | Innovative projects : planning and<br>execution<br>13.02.2017 to 14.02.2017                    | Prof.Mohan       | IV  | 58 |

|     |      |  |                  |            |    |
|-----|------|--|------------------|------------|----|
| EEE | 251. | Power Electronics for wind energy system<br>16.02.2017 to 17.02.2017             | Prof.Mohan       | IV         | 58 |
| EEE | 252. | Communication and recruitment essentials<br>27.02.2017 to 28.02.2017             | Prof.Mohan       | IV         | 58 |
| ECE | 253. | VLSI Design using HDL<br>07.02.2017 to 08.02.2017                                | Prof.M.Kavitha   | III        | 58 |
| ECE | 254. | Computer Hardware Interfacing and<br>Troubleshooting<br>10.02.2017 to 11.02.2017 | Prof.M.Kavitha   | II         | 66 |
| ECE | 255. | Entrepreneurial Opportunities<br>14.02.2017 to 15.02.2017                        | Prof.M.Kavitha   | IV         | 54 |
| ECE | 256. | Patents & Innovations<br>24.02.2017 to 25.02.2017                                | Prof.M.Kavitha   | IV         | 54 |
| ECE | 257. | Labview<br>27.02.2017 to 28.02.2017  | Prof.M.Kavitha   | III        | 58 |
| ECE | 258. | Automation using Arduino<br>02.02.2017 to 04.02.2017                             | Prof.K.Manogaran | III        | 58 |
| ECE | 259. | Introduction to Embedded system<br>07.02.2017 to 08.02.2017                      | Prof.K.Manogaran | II         | 66 |
| ECE | 260. | PIC programming<br>12.02.2017 to 13.02.2017                                      | Prof.K.Manogaran | IV         | 54 |
| ECE | 261. | Circuit simulation and PCB design using<br>propeus<br>18.02.2017 to 19.02.2017   | Prof.K.Manogaran | II         | 66 |
| ECE | 262. | Remote Monitoring and control<br>20.02.2017 to 21.02.2017                        | Prof.K.Manogaran | IV         | 54 |
| ECE | 263. | IoT - PIC programming and Embedded C<br>22.02.2017 to 24.02.2014                 | Prof.K.Manogaran | CSE<br>III | 62 |

|     |      |  |                         |                  |    |
|-----|------|--|-------------------------|------------------|----|
| ECE | 264. | Design of linear integrated circuits<br>03.02.2017 to 05.02.2017     | Prof.M.Arul Kumar       | II               | 66 |
| ECE | 265. | Electronic devices<br>06.02.2017 to 07.02.2017                       | Prof.M.Arul Kumar       | I                | 42 |
| ECE | 266. | Pre-placement training<br>09.02.2017 to 10.02.2017                   | Prof.M.Arul Kumar       | III              | 58 |
| ECE | 267. | Interview Preparation and mock interview<br>18.02.2017 to 19.02.2017 | Prof.M.Arul Kumar       | III              | 58 |
| ECE | 268. | Entrepreneurship<br>27.02.2017 to 28.02.2017                         | Prof.M.Arul Kumar       | II               | 66 |
| ECE | 269. | Communication Skills<br>16.02.2017 to 17.02.2017                     | Prof.P.E.Irin Dorathy   | II               | 66 |
| CSE | 270. | Career Development Training<br>27.01.2017 to 31.01.2017              | Dr.J.Nafeesa Begum      | IV               | 61 |
| CSE | 271. | Aptitude and soft skills<br>01.02.2017 to 05.02.2017                 | Dr.J.Nafeesa Begum      | III              | 62 |
| CSE | 272. | Innovations & patents<br>21.02.2017                                  | Dr.J.Nafeesa Begum      | IV               | 61 |
| CSE | 273. | Stress Management<br>24.02.2017 to 25.02.2017                        | Dr.J.Nafeesa Begum      | I<br>Mech<br>ECE | 92 |
| CSE | 274. | Project contest<br>27.02.2017  | Dr.J.Nafeesa Begum      | IV               | 61 |
| CSE | 275. | Advanced java programming<br>29.1.2017                               | Prof.C.Satheesh Pandian | III              | 62 |
| CSE | 276. | Communication skills<br>02.02.2017 to 03.02.2017                     | Prof.C.Satheesh Pandian | I                | 49 |

|      |      |  |                         |           |     |
|------|------|--|-------------------------|-----------|-----|
| CSE  | 277. | Stress Management<br>04.02.2017  | Prof.C.Satheesh Pandian | I         | 49  |
| CSE  | 278. | Android application development<br>11.2.2017 to 12.2.2017  | Prof.C.Satheesh Pandian | III       | 62  |
| CSE  | 279. | Advanced User Interface for Android<br>19.02.2017  | Prof.C.Satheesh Pandian | III       | 62  |
| CSE  | 280. | Advanced java programming<br>11.02.2017- 12.02.2017  | Prof.Jegadeeswari       | II        | 63  |
| CSE  | 281. | Advanced C Programming 03.02.2017 to<br>04.02.2012   | Prof.CMT.Karthikeyan    | IV        | 61  |
| CSE  | 282. | Web development<br>05.02.2017  | Prof.CMT.Karthikeyan    | II        | 63  |
| CSE  | 283. | Stress Management<br>18.02.2017  | Prof.CMT.Karthikeyan    | IV        | 61  |
| CSE  | 284. | Awareness Programme on “Financial<br>Literacy Programme on MSME” on<br>23.02.2017                          | Prof.CMT.Karthikeyan    | All<br>IV | 249 |
| CSE  | 285. | Hands on Training in Data Communication<br>and Networking with NS2 Simulation tool<br>18-02-17 to 22-02-17 | Prof.S.Selvi            | II        | 60  |
| Mech | 286. | ANSYS workbench<br>09.02.2017 to 10.02.2017  | Prof.S.SankarGanesh     | III       | 55  |
| Mech | 287. | CATIA<br>12.02.2017 to 13.02.2017  | Prof.S.SankarGanesh     | IV        | 69  |
| Mech | 288. | Computational Fluid dynamics<br>02.02.2017 to 05.02.2017   | Dr.I.Rahamathullah      | III       | 55  |
| Mech | 289. | Advanced Manufacturing technology<br>07.02.2017 to 08.02.2017  | Dr.I.Rahamathullah      | IV        | 69  |

|      |      |   |                      |     |    |
|------|------|---|----------------------|-----|----|
|      |      |   |                      |     |    |
| Mech | 290. | Hands on training in CNC turning and milling<br>16.02.2017 to 18.02.2017                                | Dr.I.Rahamathullah   | II  | 57 |
| Mech | 291. | Employability essentials<br>27.02.2017 to 28.02.2017  | Dr.I.Rahamathullah   | IV  | 69 |
| Mech | 292. | Power generation and refrigeration by thermal engineering<br>10.02.2017 to 12.02.2017                   | Prof. S.Ananthakumar | II  | 56 |
| Mech | 293. | Alternate Energy Technologies<br>14.02.2017to 16.02.2017  | Prof. S.Ananthakumar | IV  | 69 |
| Mech | 294. | Characterization and Application of composite materials<br>09.02.2017 to 10.02.2017                     | Prof.Natarajan       | IV  | 69 |
| Mech | 295. | Finite Element Analysis in mechanical Engineering<br>11.02.2017 to 12.02.2017                           | Prof.Natarajan       | III | 55 |
| Mech | 296. | Structural & non structural Analysis using FEA<br>23.02.2017 to 24.02.2017                              | Prof.Natarajan       | III | 55 |
| Mech | 297. | Computer Aided Design and Modelling using AutoCAD<br>25.02.2017 to 26.02.2017                           | Prof.Natarajan       | I   | 50 |
| Mech | 298. | Survival German language course for engineering<br>02.02.2017 to 05.02.2017<br>20.02.2017 to 22.02.2017 | Prof .D.Kulandaivel  | II  | 56 |



|      |      |   |                     |                  |    |
|------|------|---|---------------------|------------------|----|
| Mech | 299. | Innovation and patents<br>06.02.2017 to 07.02.2017  | Prof .D.Kulandaivel | III              | 55 |
| Mech | 300. | Application of hydrauling and pneumatics<br>08.02.2017 to 09.02.2017  | Prof .D.Kulandaivel | II               | 56 |
| Mech | 301. | PLC Programming & Hands on training<br>15.02.2017, 18.02.2017 to 19.02.2017                                 | Prof .D.Kulandaivel | III              | 55 |
| Mech | 302. | Advanced IC engines and Alternate fuels<br>16.02.2017 to 17.02.2017   | Prof .D.Kulandaivel | III              | 55 |
| Mech | 303. | Practical German language course :level I<br>23.02.2017 to 26.02.2017<br>04.03.2017 to 06.03.2017<br>175000 | Prof .D.Kulandaivel | II               | 56 |
| Mech | 304. | Total productivity management<br>27.02.2017 to 28.02.2017   | Prof .D.Kulandaivel | III              | 55 |
| Phy  | 305. | Superconducting materials and its<br>application<br>03.02.2017 to 04.02.2017                                | Prof.Bakkiaraj      | I<br>MECH<br>ECE | 92 |
| phy  | 306. | Magnetic materials and its applications<br>10.02.2017 to 11.02.2017   | Prof.Bakkiaraj      | I<br>CSE<br>EEE  | 98 |

## Mar 2017

|     |      |  |                   |                    |    |
|-----|------|--|-------------------|--------------------|----|
| ECE | 307. | Matlab programming<br>01.03.2017 to 02.03.2017                                       | Prof.M.Kavitha    | II                 | 66 |
| ECE | 308. | Aptitude training<br>01.03.2017 to 02.03.2017  | Prof.M.Arul Kumar | IV                 | 54 |
| ECE | 309. | Drone Development<br>03.03.2017 to 04.03.2017  | Prof.K.Manogaran  | III                | 58 |
| ECE | 310. | One day workshop on Arduino<br>20.03.2017  | Prof.K.Manogaran  | Ext<br>partcipants | 29 |
| ECE | 311. | IOT REMOTE MONITORING<br>10.03.2017 TO 11.03.2017                                    | Prof.K.Manogaran  | III<br>CSE         | 58 |
| EEE | 312. | Quantitative and Verbal Aptitude Skill<br>Development<br>02.03.2017 to 04.03.2017    | Prof.K.Mohan      | IV                 | 58 |
| EEE | 313. | Embedded processor for Electrical<br>engineers<br>13.03.2017 to 15.03.2017           | Prof.A.Thangaraj  | II                 | 46 |
| EEE | 314. | Hands on training on Matlab Programming<br>06.03.2017 to 08.03.2017                  | Prof..Sudha       | III                | 66 |
| EEE | 315. | Advanced power systems<br>09.03.2017 to 10.03.2017                                   | Prof..Sudha       | III                | 66 |
| EEE | 316. | Industry Institute Interaction on<br>Innovative projects<br>11.03.2017 to 12.03.2017 | Prof..Sudha       | III                | 66 |
| CSE | 317. | Telecom Infrastructure and Services<br>05.03.2017 to 06.03.2017                      | Prof.S.Selvi      | IV                 | 53 |

|      |      |   |                       |     |    |
|------|------|---|-----------------------|-----|----|
| CSE  | 318. | Hands on training in Python with DB Integration<br>13.03.2017 to 14.03.2017           | Prof.S.Selvi          | II  | 60 |
| Mech | 319. | Skill for facing interview<br>01.03.2017 to 02.03.2017                                | Prof.D.Kulandaivel    | IV  | 69 |
| Mech | 320. | Trends and Advanced Research in Green Energy Technologies<br>04.03.2017 to 05.03.2017 | Prof. S. Ananthakumar | III | 57 |