

3.5.1

NUMBER OF LINKAGES

FOR

FACULTY/STUDENTS

EXCHANGE, INTERNSHIP,

FIELDTRIP



Content

3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years

| S.NO | ACADEMIC YEAR | DOCUMENT | ACTIVITY CONDUCTED UNDER MOU |
|------|---------------|--------------------------------|------------------------------|
| 1 | 2017-18 | REPORT ON ACTIVITIES UNDER MOU | 09 |
| 2 | 2016-17 | | 05 |
| 3 | 2015-16 | | 05 |
| 4 | 2014-15 | | 04 |
| 5 | 2013-14 | | 03 |

Co-ordinator

3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, reseach, etc during the last five years (10)

| Sl. No. | Title of the linkage | Name of the partnering institution/ industry /research lab with contact details | Year of comme | Duration (From-To) | Nature of linkage | Link of relavant document |
|----------------|---|---|---------------|--------------------------|-------------------|---|
| 2017-18 | | | | | | |
| 1 | Career Guidance programme | Srisha Robotics Academy | 2018 | 16/04/2018 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 2 | 7 DAYS Workshop ON PCB DESIGN &SIMULATION WORKSHOP | Prolific Systems & Automations Pvt. Ltd | 2018 | 21/03/2018 to 27/03/2018 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 3 | SKILL DEVELOPMENT TRAINING ON ENGINE POWER TRAIN AND HYDRAULICS | Escorts Training & Development Centre ,Benguluru | 2018 | 29/01/2018 TO 02/02/2018 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 4 | WORKSHOP ON EMBEDDED SYSTEM DESIGN USING ARDUINO | impressive automation services hosur | 2018 | 24/01/2018 TO 30/01/2018 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 5 | WORKSHOP ON EMBEDDED SYSTEM DESIGN USING ARDUINO | impressive automation services hosur | 2018 | 08/01/2018 TO 12/01/2018 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 6 | Hands on Training on PLC | Axis Global Institute of Industrial Training | 2017 | 14/11/2017 TO 14/11/2017 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 7 | DRISHTI ONLINE CONTEST | M/S Edgate Technologies Pvt Ltd | 2017 | 25/10/2017 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 8 | WORKSHOP ON ADVANCED ROBOTICS | ROVE LABS PVT LTD | 2017 | 29/09/2017 TO 2/10/2017 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 9 | seminar on web 2.0 | VENUS ELEVATOR SOLUTIONS PVT LTD | 2017 | 11/09/2017-12/09/2017 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |

| 2016-17 | | | | | | |
|---------|---|--|------|--------------------------|-----|---|
| 10 | Seminar on Embedded system using Raspberry Pi | Loginware Softtac Private Limited | 2017 | 08/03/2017-08/03/2017 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 11 | PLC AND SCADA AUTOMATION Workshop | Prolific Systems & Automations Pvt. Ltd | 2017 | 06/04/2017 TO 07/04/2017 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 12 | online test on python programming | Srisha Robotics Academy | 2017 | 17-03-2017 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 13 | field trip | VENUS ELEVATOR SOLUTIONS PVT LTD | 2017 | 21-01-2017 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| * 14 | <i>not listed in Excel sheet inside</i> Seminar on Aurdino | Impressiv Automation Services | 2016 | 20/10/2016-20/10/2016 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 15 | Seminar on MSP430 and its applications | M/S Edgate Technologies Pvt Ltd | 2016 | 23/08/2016-23/08/2016 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 2015-16 | | | | | | |
| 16 | internship | VENUS ELEVATOR SOLUTIONS PVT LTD | 2016 | 21/06/2016-28/06/2016 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 17 | workshop on design and developement of IOT | Loginware Softtac Private Limited | 2016 | 19/02/2016-23/02/2016 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 18 | Career Guidance programme | Srisha Robotics Academy | 2016 | 04-11-2016 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 19 | Seminar on Introduction to Industry 4.0 | Loginware Softtac Private Limited | 2016 | 23/03/2016 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 20 | Skill development programme | HA EGL Technologies | 2015 | 24/07/2015 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 2014-15 | | | | | | |
| 21 | Seminar on Embedded C | Impressiv Automation Services | 2015 | 11/03/2015-11/03/2015 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 22 | seminar on robotics and its importance | Srisha Robotics Academy | 2015 | 06-04-2015 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 23 | Programming in C & its importance in Industry | GREENBERRY MANAGEMENT CONSULTING SOLUTIONS | 2014 | 30/08/2014 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 24 | seminar on embedded system design | Impressiv Automation Services | 2014 | 22-09-2014 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |

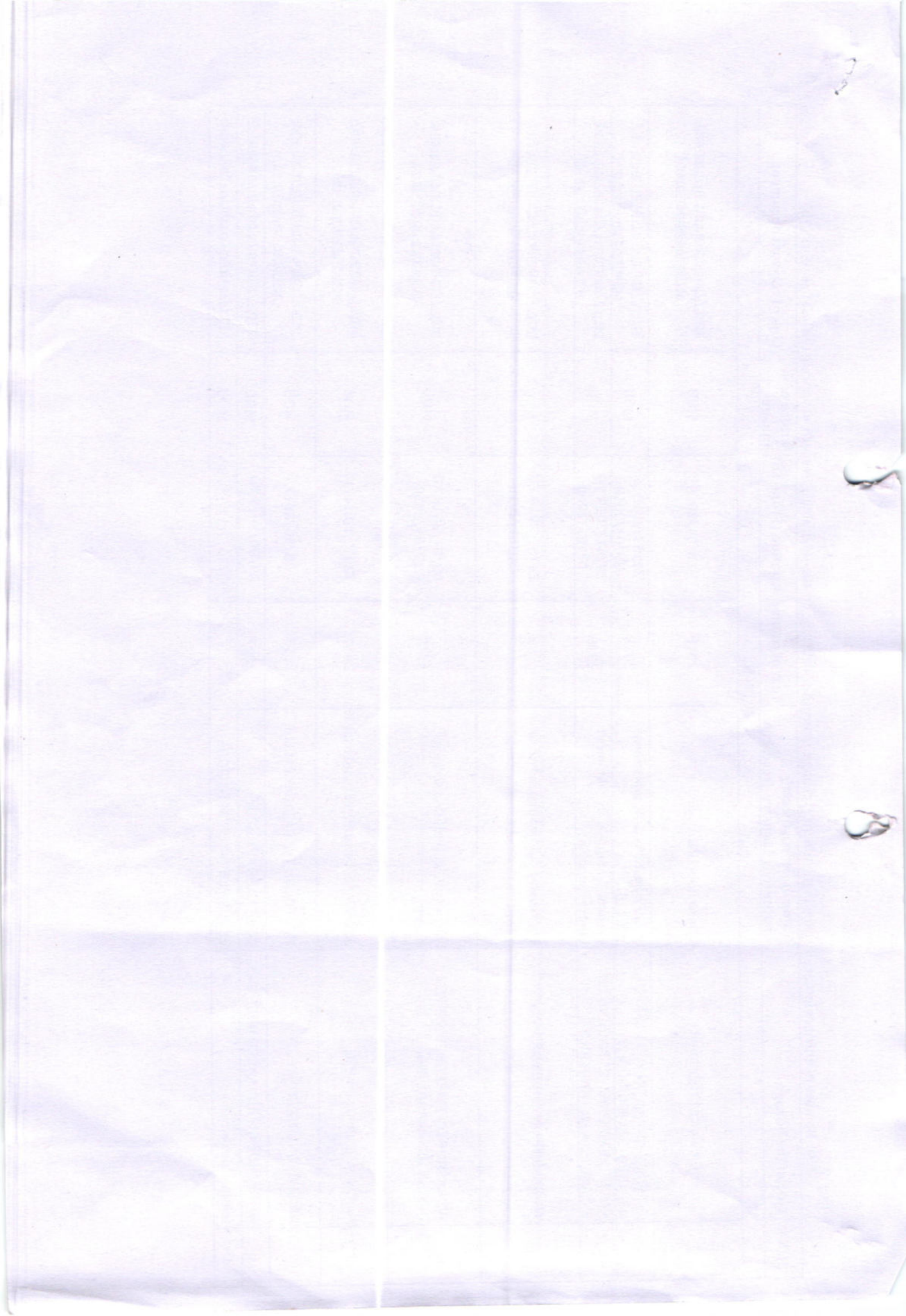
2013-14

| | | | | | | |
|----|-----------------------------------|-------------------------------|------|-----------------------|-----|---|
| 25 | online contest on C programming | Srisha Robotics Academy | 2014 | 14-03-2014 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 26 | Seminar on Embedded C | Impressiv Automation Services | 2013 | 24/09/2013-24/09/2013 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 27 | Seminar on Embedded System Design | Impressiv Automation Services | 2013 | 20/08/2013-20/08/2013 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |

Not Dated in
Excel sheet inside.

3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, reseach, etc during the last five years (10)

| Sl. No. | Title of the linkage | Name of the partnering institution/ industry /research | Year of comm | Duration (From-To) | Nature of linkage | Link of relavant document |
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| 2017-18 | | | | | | |
| 1 | Career Guidance programme | Srisha Robotics Academy | 2018 | 16/04/2018 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
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| 6 | Hands on Training on PLC | Axis Global Institute of Industrial Tr | 2017 | 11/2017 TO 14/11/2 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 7 | DRISHTI ONLINE CONTEST | M/S Edgate Technologies Pvt Ltd | 2017 | 25/10/2017 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 8 | WORKSHOP ON ADVANCED ROBOTICS | ROVE LABS PVT LTD | 2017 | 29/09/2017 TO 3/10/2017 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 9 | seminar on web 2.0 | VENUS ELEVATOR SOLUTIONS PV | 2017 | /09/2017-12/09/20 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |





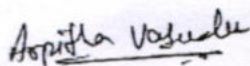
Department of Computer Science & Engineering

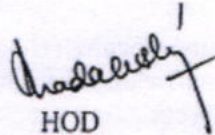
Date: 10.04.2018

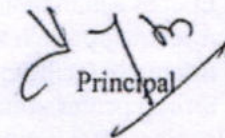
Circular

Sub: Career Guidance Program -reg

With reference to the above subject, it is hereby brought to the notice of all students of Computer Science and Engineering Department that the "Career Guidance Program" scheduled on 16.04.2018. Students are cordially invited to participate in full strength to make the use of the online contest effectively.


Faculty Coordinator


HOD


Principal

Department of Computer Science & Engineering

Date: 16.04.2018

Submitted,

Sub: Report on Career Guidance Program – Srisha Robotics Academy-Reg.

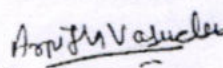
The resource Person Mr. Shashikanth addressed the students on 16.04.2018 at 10:30 am in CSE Lab. It is a comprehensive, developmental program designed to assist individuals in making and implementing informed educational and occupational choices. Career guidance and counselling program develops an individual's competencies in self-knowledge, educational and occupational exploration, and career planning.

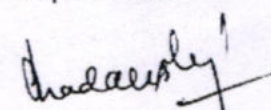
The Key Components of Successful Career Guidance and Counselling Programs

- A planned sequence of activities and experiences to achieve specific competencies such as self-appraisal, decision making, goal setting, and career planning
- Accountability (outcome oriented) and program improvement (based on results of process/outcome evaluations)
- Qualified leadership
- Effective management needed to support comprehensive career guidance programs
- A team approach where certified counsellors are central to the program
- Adequate facilities, materials, resources
- Strong professional development activities so counsellors can regularly update their professional knowledge and skills
- Different approaches to deliver the program such as outreach, assessment, counselling, curriculum, program and job placement, follow-up, consultation, referral

Highlight about Career Guidance and Counselling Programs

- Ensures qualified leadership and supervision
- Continues expenditures for program support
- Ensures program quality and effectiveness
- Requires career development and activities for special populations
- Promotes counsellor training and retraining
- Encourages elimination of sex bias and stereotyping
- Strengthens tech prep programs through recruitment, retention and placement


Coordinator
Arpitha Vasudev


Head of the Department
Dr. B Shadaksharappa



Department of Computer Science & Engineering

Title: Career Guidance Program

Name of the Resource Person: Mr. Shashi Kanth, Srisha Robotics Academy

Conducted on: 16.04.2018

| SL.NO | USN | NAME OF THE STUDENT | SIGNATURE |
|-------|------------|------------------------|----------------------|
| 1. | 1SB15CS030 | ESHAN GUPTA | <i>Esh</i> |
| 2. | 1SB15CS045 | LAVANYA.V | <i>Lavanya</i> |
| 3. | 1SB16CS001 | A YUVASHRI | <i>A YUVASHRI</i> |
| 4. | 1SB16CS002 | ADITHYA PRABHU | <i>Adi</i> |
| 5. | 1SB16CS003 | ADITYA CHAUHAN | <i>Aditya</i> |
| 6. | 1SB16CS004 | AISHWARYA L | <i>Aish</i> |
| 7. | 1SB16CS005 | AJITH KUMAR K | <i>Ajith kumar k</i> |
| 8. | 1SB16CS006 | AKHILA L | <i>Ak</i> |
| 9. | 1SB16CS007 | AKSHATHA ASHOKA KASARA | <i>Aksh</i> |
| 10. | 1SB16CS009 | AKSHAYA TR | <i>Aksh</i> |
| 11. | 1SB16CS011 | AMIT KUMAR | <i>Amit</i> |
| 12. | 1SB16CS012 | ANAND G R | <i>Anand</i> |
| 13. | 1SB16CS013 | ANEELA | <i>Aneela</i> |
| 14. | 1SB16CS014 | ANEES M | <i>Anees.M</i> |
| 15. | 1SB16CS015 | ANGEL J | <i>Angel</i> |
| 16. | 1SB16CS017 | ARJUN R | <i>Arjun</i> |
| 17. | 1SB16CS018 | ASHISH | <i>ASHISH.</i> |
| 18. | 1SB16CS019 | ASHUTOSH KUMAR | <i>A.K</i> |
| 19. | 1SB16CS020 | ASHWINI K | <i>ASHWINI K.</i> |
| 20. | 1SB16CS021 | B ABINAYA | <i>Bab</i> |
| 21. | 1SB16CS022 | BHARGAVI KN | <i>(B4)</i> |



Department of Computer Science & Engineering

| | | | |
|-----|------------|----------------------|------------------------|
| 22. | 1SB16CS023 | BHAVANI CHOWDARY | <u>B Ce</u> |
| 23. | 1SB16CS024 | BHAVANI V K | BHAVANI V K |
| 24. | 1SB16CS025 | BIJOY KUMAR GUPTA | <u>B J G</u> |
| 25. | 1SB16CS028 | DARSHINI M | <u>D M</u> |
| 26. | 1SB16CS029 | DEEPAK KUMAR | <u>D K</u> |
| 27. | 1SB16CS030 | DEVANSHU PRIYAM | <u>D P</u> |
| 28. | 1SB16CS031 | DHANAN JAYAN S | <u>D J S</u> |
| 29. | 1SB16CS032 | DHANUSH M | <u>D M</u> |
| 30. | 1SB16CS035 | GELASAM VYSHNAVI | <u>G V</u> |
| 31. | 1SB16CS036 | GOVIND KUMAR THAKUR | <u>G T</u> |
| 32. | 1SB16CS037 | HARISH S | <u>H S</u> |
| 33. | 1SB16CS038 | HARSHITHA S | <u>H S</u> |
| 34. | 1SB16CS039 | HULUGAPPA H | <u>H H</u> |
| 35. | 1SB16CS040 | JASWANTH VISHAL P | <u>J V P</u> |
| 36. | 1SB16CS041 | JEETHENDRA PRASAD KH | <u>J P</u> |
| 37. | 1SB16CS043 | K TEJASRI | <u>K T E J A S R I</u> |
| 38. | 1SB16CS044 | KAVITHA R S | <u>K R S</u> |
| 39. | 1SB16CS045 | KAVYA N | <u>K N</u> |
| 40. | 1SB16CS046 | KRIAN | <u>K R I A N</u> |
| 41. | 1SB16CS047 | KUMAR S | <u>K U M A R S</u> |
| 42. | 1SB16CS048 | M MONISHA | <u>M M</u> |
| 43. | 1SB16CS049 | MAHAVEER SAHU | <u>M S</u> |
| 44. | 1SB16CS050 | MAMATHASHREE S | <u>M S</u> |
| 45. | 1SB16CS051 | MEGHANA M | <u>M M</u> |
| 46. | 1SB16CS052 | MUHAMMED ARSHAD KP | <u>M A K P</u> |
| 47. | 1SB16CS053 | MUKUL KUMAR | <u>M K</u> |



Department of Computer Science & Engineering

| | | | |
|-----|------------|------------------------------------|--------------------|
| 48. | 1SB16CS054 | N.SASIKALA | <u>nee</u> |
| 49. | 1SB16CS055 | NAMRATHA C S KAKADE | <u>Namrath</u> |
| 50. | 1SB16CS056 | NAVEEN RS | <u>Naveen</u> |
| 51. | 1SB16CS057 | NITHIN K | <u>nithin k.</u> |
| 52. | 1SB16CS058 | P K ARPITHA | <u>Arpitha</u> |
| 53. | 1SB16CS059 | PARAMASIVAM | <u>paramase</u> |
| 54. | 1SB16CS060 | PARVATI | <u>parvathi</u> |
| 55. | 1SB16CS061 | PAVITHRA N | <u>navithra.</u> |
| 56. | 1SB16CS062 | PHANEENDRA | <u>nee</u> |
| 57. | 1SB16CS063 | POOJA A | <u>pooya</u> |
| 58. | 1SB16CS065 | PRATHAP RS | <u>PRATHAPRS</u> |
| 59. | 1SB16CS066 | PRATHMESH PRAKASH DODDANAWAR | <u>P M</u> |
| 60. | 1SB16CS067 | PRATIBHA | <u>PRATIBHA</u> |
| 61. | 1SB16CS068 | PUDUSSERY SUJITH | <u>P S</u> |
| 62. | 1SB16CS069 | PUNEETH | <u>P</u> |
| 63. | 1SB16CS072 | RACHANA N | <u>RACHANA.N</u> |
| 64. | 1SB16CS074 | RAJU K R | <u>Rkr</u> |
| 65. | 1SB16CS076 | RANITHA B N | <u>Ranitha B.N</u> |
| 66. | 1SB16CS077 | RANJITH KUMAR S | <u>R K S</u> |
| 67. | 1SB16CS078 | RASHMI G | <u>RASHMI.G</u> |
| 68. | 1SB16CS079 | REKHA C | <u>Rece</u> |
| 69. | 1SB16CS080 | S SAILAKSHMI | <u>see</u> |
| 70. | 1SB16CS081 | SACHIN KUMAR KS | <u>Sachin</u> |
| 71. | 1SB16CS082 | SAHANA M | <u>Sahana M</u> |
| 72. | 1SB16CS083 | SANDHYA S | <u>SANDHYA.S</u> |
| 73. | 1SB16CS085 | SARVA KUMAR | <u>Sarva</u> |
| 74. | 1SB16CS086 | SASHANTH A MOGRE | <u>SASHANTH A</u> |
| 75. | 1SB16CS087 | SHARANAMMA | <u>SHARANAMMA</u> |



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Anekal, Bengaluru



Dept. of CSE

Department of Computer Science & Engineering

| | | | |
|-----|------------|----------------------------------|--------------------|
| 76. | 1SB16CS088 | SHARANYA G | <u>Shanya</u> |
| 77. | 1SB16CS089 | SHASHANK SINGH | <u>Shashank</u> |
| 78. | 1SB16CS090 | SHASHIKIRAN K C | <u>Shashikiran</u> |
| 79. | 1SB16CS091 | SHIVAM SINGH | <u>Shivam</u> |
| 80. | 1SB16CS093 | SHUBHA R | <u>Shubha R.</u> |
| 81. | 1SB16CS094 | SHUBHAM NARNOLIA | <u>S N</u> |
| 82. | 1SB16CS095 | SHUCHI | <u>Shuchi</u> |
| 83. | 1SB16CS096 | SHWETHA B | <u>Shwetha</u> |
| 84. | 1SB16CS097 | SIDDHANT KHEMKA | <u>Siddhant</u> |
| 85. | 1SB16CS098 | SONAL R | <u>Sonal</u> |
| 86. | 1SB16CS099 | SOVAN KAR | <u>Sovan</u> |
| 87. | 1SB16CS100 | SRINIVAS D | <u>SRINIVAS D.</u> |
| 88. | 1SB16CS101 | SRUSTI K N | <u>Sruti</u> |
| 89. | 1SB16CS102 | SUDHA M | <u>Sudha</u> |
| 90. | 1SB16CS104 | SUSHMA G | <u>Sushma</u> |
| 91. | 1SB16CS105 | SWETHA S | <u>Swetha</u> |
| 92. | 1SB16CS106 | UMADEVI | <u>Uma</u> |
| 93. | 1SB16CS107 | VAIBHAV L | <u>Vai</u> |
| 94. | 1SB16CS108 | VEERENDRA PATIL | <u>Veer</u> |
| 95. | 1SB16CS109 | VIGNESH L NAMBIAR | <u>Vignesh</u> |
| 96. | 1SB16CS110 | VIKRANT SINGH | <u>Vikrant</u> |
| 97. | 1SB16CS112 | RAMIREDDYGOWTH AM KUMAR REDDY | <u>Ramireddy</u> |
| 98. | 1SB16CS113 | VINUTHA.A.V | <u>Vinutha</u> |

Aparitha Vasudeva
Coordinator

Chandrasekhar
Head of Department



Sri
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COLLEGE OF ENGINEERING

ISO 9001 : 2008 Certified Institution

Approved by AICTE, New Delhi

Recognised by Govt. of Karnataka & Affiliated to VTU, Belagavi

Anekal, Bengaluru

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

PROGRAM SCHEDULE

Inauguration

“PCB DESIGN & SIMULATION WORKSHOP”

21st March 2018

| TIME | PROGRAMME |
|----------|---|
| 09:15 AM | Invocation |
| 09:20 AM | Lighting the Lamp |
| 09:25 AM | Welcome Address Prof. Madhava Rao Assistant Professor, EEE Sri Sairam College of Engineering |
| 09:35 AM | Presidential Address by Dr. Y VIJAYA KUMAR Principal Sri Sairam College of Engineering |
| 09:55 AM | Chief Guest Address Mr. Shivashankar General Manager Prolific System and Automation Bengaluru |
| 10:00 AM | Vote of Thanks Prof. B S Venkatesh Murthy Assistant Professor, EEE Sri Sairam College of Engineering |



Sri

SAIRAM COLLEGE OF ENGINEERING

Anekal, Bengaluru



7 days Workshop

on

PCB Design & Simulation

Organized by



Dept. of EEE

Date : 21st to 27th March 2018

www.sairamce.edu.in

Sairam

7 DAYS WORKSHOP ON PCB DESIGN & SIMULATION WORKSHOP DATE: 21st TO 27th March 2018





Sri SAIRAM COLLEGE OF ENGINEERING

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Campus : Sai Leo Nagar, Guddanahalli (PO), Anekal, Bangalore - 562 106. Tel: +91-80-27530221, 27840631 / 632. Fax: +91-80-27830355.



Department of Electrical and Electronics Engineering 7Days PCB DESIGN & SIMULATION WORKSHOP

EEE - Registered Students Name List

Date: 21-03-2018 TO 27-03-2018

| Semester: IV | | |
|--------------|------------|---------------------|
| Sl. No | USN | Name of the Student |
| 1. | 1SB16EE002 | CHANDANA N |
| 2. | 1SB16EE003 | DEEPAK R PATIL |
| 3. | 1SB16EE004 | ESHWAR C |
| 4. | 1SB16EE005 | JAGADISH N |
| 5. | 1SB16EE006 | MANASA VT |
| 6. | 1SB16EE007 | MANJUNATHA POOJAR |
| 7. | 1SB16EE008 | MOHD SUHAIL |
| 8. | 1SB16EE009 | MONIKA |
| 9. | 1SB16EE010 | NAVEEN KUMAR M |
| 10. | 1SB16EE011 | NITHIN V |
| 11. | 1SB16EE012 | PAKKIRAPPA K |
| 12. | 1SB16EE013 | PRAKRUTHI B |
| 13. | 1SB16EE014 | RAVINDRA REDDY P |
| 14. | 1SB16EE015 | SREENATH H V |
| 15. | 1SB16EE016 | SURYATEJA V |
| 16. | 1SB16EE017 | SUSHMITHA B |
| 17. | 1SB16EE018 | TANUJA P |
| 18. | 1SB16EE019 | TASMIYA TABASSUM |
| 19. | 1SB16EE022 | VENKATESH S |
| 20. | 1SB16EE024 | VINAYAKA P V |
| 21. | 1SB17EE400 | SHIVAKUMAR |
| Semester: VI | | |
| 22. | 1SB14EE015 | SOWMIYA C |
| 23. | 1SB15EE004 | ARUN P K |
| 24. | 1SB15EE007 | ASHA F |
| 25. | 1SB15EE006 | BALAJI RAO H |

| 26. | 1SB15EE007 | GOURAV THAKUR |
|----------------|-------------|-----------------------|
| 27. | 1SB15EE008 | HITESH KUMAR CHOUDHAR |
| 28. | 1SB15EE009 | KAVYA |
| 29. | 1SB15EE010 | MANJUNATHA S |
| 30. | 1SB15EE011 | MEGHANA S N |
| 31. | 1SB15EE012 | MITHUN V |
| 32. | 1SB15EE013 | MUBARAK S |
| 33. | 1SB15EE015 | NETHRAVATHI J |
| 34. | 1SB15EE018 | RAKSHITHKUMARNAIK K R |
| 35. | 1SB15EE019 | SUNIL HIROLLI |
| 36. | 1SB15EE021 | VIJAYAKUMARA M G |
| 37. | 1SB16EE 101 | KISHOR KUMARK |
| 38. | 1SB16EE 103 | MALLIKARJUNA REDDY R |
| 39. | 1SB13EE003 | HARSHITH H (O T E) |
| 40. | 1SB14EE002 | BHARATHHP (O T E) |
| Semester: VIII | | |
| 41. | 1SB14EE004 | DEVARAJ S |
| 42. | 1SB14EE005 | DIVAKARA A P |
| 43. | 1SB14EE006 | JAYASUDHIAL |
| 44. | 1SB14EE019 | VIKRAM J |
| 45. | 1SB15EE 100 | CHANDRASHEKHAR V |
| 46. | 1SB15EE 102 | PRADEESHAN K |
| 47. | 1SB13EE006 | SAI PRASAD |
| 48. | 1SB14EE010 | MOHAMMED ABREETH M |
| 49. | 1SB13EE005 | RAKESH B S |
| 50. | 1SB12EE010 | TELI REKHA |
| 51. | 1SB14EE001 | KUMAR N A |

Mal - - 22.02.18
Head of the Department

Head of the Department
Electrical & Electronics Engineering
Sri Sairam College of Engineering
Bangalore - 562 106.



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(An ISO 9001 certified institution) Formerly SHIRDI SAI ENGINEERING COLLEGE

Managed by Sathagiri Educational & Charitable Trust

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Campus : Sai Leo Nagar, Guddanahalli (PO), Anekal, Bangalore - 562 106. Tel: +91-80-27830221, 27840631 / 632. Fax: +91-80-27830355.



To,

Mr. DHANUSHU.P

CRG Engineer

Prolific Systems & Technology

Bengaluru

Dear Sir,

SUB: Letter of Gratitude-Reg.

On behalf of Management, Staff & Students, We wholeheartedly thank you for having accepted our invitation for conducting the session on 5 Days PCB DESIGN & SIMULATION WORKSHOP for all EEE Branch Students from 21st - 26th March 2018 at our college premises. Our profuse thanks for the valuable inputs of yours to our Department Activities.

We once again express our Gratitude for gracing the day in spite of your busy schedule.

Thanks for your time and participation.

Thanking you

Ms. Malini K V
Asst. Prof & HOD EEE
IEDC Coordinator

With regards,

Principal
Dr. Y. Vijayakumar



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To,

Mr. H.S.Shiva Shankar

Prolific Systems & Technology Pvt.Ltd

Bengaluru

Dear Sir,

SUB: Letter of Gratitude-Reg.


On behalf of Management, Staff & Students, We wholeheartedly thank you for having accepted our invitation for organizing the program on 5 Days **PCB DESIGN & SIMULATION WORKSHOP** for EEE Branch Students from **21st – 26th March 2018** at our college premises. Our profuse thanks for the valuable inputs of yours to our Department Activities.

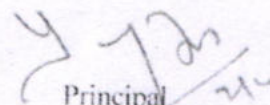
We once again express our Gratitude for supporting us being our knowledge partners.

Thanks for your time and participation.

Thanking you

With regards,


Ms. Malini K V
Prof & HOD EEE
IEDC Coordinator


Principal
Dr. Y. Vijayakumar



S^{re}
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Campus : Sai Leo Nagar, Guddanahalli (PO), Anekal, Bangalore - 562 106. Tel: +91-80-27830221, 27840631 / 632. Fax: +91-80-27830355.



To,

Mr. SANJEEV M

CRG Engineer

Prolific Systems & Technology

Bengaluru

Dear Sir,

SUB: Letter of Gratitude-Reg.

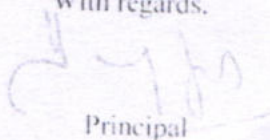
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We once again express our Gratitude for gracing the day in spite of your busy schedule.


Thanks for your time and participation.

Thanking you

With regards,


Principal

Dr. Y. Vijayakumar


Ms. Malini K V
Asst. Prof & HOD EEE
IEDC Coordinator



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Anekal, Bengaluru - 562 106

DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

7Days PCB DESIGN & SIMULATION WORKSHOP

Date: 21-03-2018 TO 27-03-2018

TEACHING STAFF

| Sl. No | Staff ID | Staff Name |
|--------|----------|---------------------------|
| 1 | SS05137 | Prof.MALINI.K.V |
| 2 | SS05108 | Prof.R. GUNASEKARI |
| 3 | SS05106 | Prof.B.S.VENKATESH MURTHY |
| 4 | SS05141 | Prof.D.A.VENNILA |
| 5 | SS05130 | Prof.J. MADHAVARAO |
| 6 | SS05136 | Prof.K.GOPINATH |
| 7 | SS05127 | Prof.K.RAMYA |
| 8 | SS05133 | Prof.RAVI. V. ANGADI |
| 9 | SS04163 | Prof.MAMATHA.G.M |
| 10 | SS05144 | Prof..PRASHANTHA K |
| 11 | SS05143 | Prof..MATHUDEVAN.V |

Sincerely,

Malini K.V
Prof. Malini K V
HOD,EEE



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Anekal, Bengaluru

A REPORT-PCB Design & Simulation WORKSHOP (EEE DEPT) Date: 26.03.18

PCB WORKSHOP-(21.03.18 TO 27.03.18) was conducted for our EEE Students from Prolific Systems (MOU Partner) at college campus. In the benefit of our students the both theory & practice sessions were arranged in the internet lab.

In the Inaugural function of this PCB Design & Simulation WORKSHOP was held on 21.03.18 in the AV Hall. The Principal **Dr.Y.Vijayakumar**, the Prolific company Manager **Mr.Shivashankar**. & the trainees from Prolific **Mr.Dhanush & Mr.Sanjay**, HOD-EEE-Dept **Ms.Malini.K.V**, the Placement Officer **Mr. Bheemeshwara Reddy** & all EEE Dept faculty & all students from EEE Dept were also present on this occasion. After the traditional invocation song by Ms. Monika and team, the lighting the lamp by the dignitaries was followed.

The Principal, **Dr. Y. Vijayakumar**, in his presidential address enlightened the need of conducting the PCB Design & Simulation workshop for the benefit of our students in addition to the regular academic syllabus.

The Vote of thanks was proposed by the EEE faculty. **B.S.VenkateshMurthy**

The program was concluded with the national anthem.

The training sessions were arranged in the **internet lab** all seven days from morning session from 9am to 1.15pm & evening session from 2.00pm to 4.00pm.

The syllabus covered in PCB Design & Simulation work shop are as follows

7DAYS PCB DESIGNING SYLLABUS

Basic of Electronics and circuit
PCB Concept, Component search method
Circuit simulation Software Introduction
Logic gates and 555 Timer function
Circuit making
Circuit Output Print format

555 Timer based circuit simulation
Logic gates, Counter Based Circuit Simulation
Convert Circuits to PCB
Component Place and arrangement
Manual and auto Routing
3D model preview for output samples

BCD, Shift register, 7 Segment Circuit Simulation
Dot, Hole, Text and symbol editing in the PCB board
Basics of microcontroller programming
Real time project based outputs
Microcontroller Program debugging
Microcontroller and LCD Connections

Company wise PCB component search method
Editing the Routing
Component Design
Foot print Design
Circuit Error analysis
Doubts and clarifications

Sincerely,

malini k v

Prof. Malini K V
Asst. Prof & HOD EEE
IEDC Coordinator



DEPARTMENT OF MECHANICAL ENGINEERING

REPORT ON FIVE DAYS HANDS-ON TRAINING PROGRAM ON

"Skill Development Training on Engine Power Train and Hydraulics"

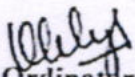
Hands-on-workshop on Skill Development Training on Engine Power Train and Hydraulics were conducted for 5 days from 29.01.2018 to 02.02.2018 for 4th semester Mechanical students.

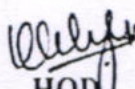
The program started with official Inauguration by Principal of Sri Sairam college Dr.Y.Vijaykumar, Head of the Department Mr.V.Balaji, Teaching Staff and the students of fourth semester Mechanical Engineering were also present. This five days Hands on Training program was conducted by Department of Mechanical Engineering and five days session was engaged by Mr.Venugopal, Trainer from ESCORTS TRAINING & DEVELOPMENT CENTRE.

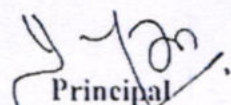
Head of the Department Mr.V.Balaji welcomed the gathering, and the Presidential address was given by the Principal of Sri Sairam College DR.Y.Vijayakumar, Chief Guest Address by Mr.Venugopal, Trainer from ESCORTS TRAINING & DEVELOPMENT CENTRE. Finally the inauguration program is ended up with Vote of Thanks given by Mr.Rajesh Kumar N, Asst.Professor, Department of Mechanical Engineering.

After the Inauguration Program, the trainer started explaining about the Development of Power Trains, where he focussed mainly on exhaust gas recirculation and Advance Combustion. Rest of the day was fully engaged with above said topics.

On the following days hands on training was continued on topics like manufacturing of Power Trains. Frames of Power Trains Final Drive of the Power Trains. On day 5, Students feedback was collected at the end of the session and Participation certificates was distributed to all the students on 02/02/2018 by the Principal of Sri Sairam College DR.Y.Vijayakumar.


Co-Ordinator


HOD
Head of the Department
Dept. of Mechanical Engineering
Sri Sairam College of Engineering
Anekal, Bengaluru - 562 106,


Principal
Sri Sairam College of Engineering
Sal Leo Nagar, Guddanahalli Post,
Anekal, Bengaluru - 562 106

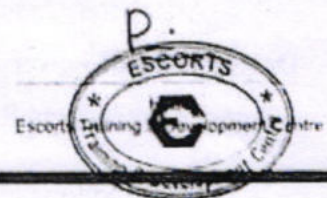


ESCORTS
TRAINING & DEVELOPMENT CENTRE

Certified that Mr. Pravesh Rawat (UID No:SR05944)

has successfully completed Skill development training on Engine, Power train & Hydraulics

at Bangalore from 29-Jan-2018 to 02-Feb-2018





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Anekal, Bengaluru - 562 106

Following are the List of Students enrolled for the Training Program:

| SEM : 'IV' | | |
|------------|------------|--------------------------|
| Sl. No | USN | Name of the Student |
| 1 | 1SB15ME048 | MANOJ P |
| 2 | 1SB15ME070 | NITIN KUMAR.R R |
| 3 | 1SB15ME101 | THIPPE SWAMY P |
| 4 | 1SB16ME001 | ABHIJEETH SINGH BABU |
| 5 | 1SB16ME002 | ABHISHEK |
| 6 | 1SB16ME003 | ABHISHEK S.P |
| 7 | 1SB16ME005 | AKASH M NAIKODI |
| 8 | 1SB16ME006 | AKASHA N |
| 9 | 1SB16ME007 | AKHIL KUMAR J V |
| 10 | 1SB16ME009 | ANIL RATHOD a |
| 11 | 1SB16ME010 | ANKIT KUMAR JHA |
| 12 | 1SB16ME011 | ANUSH R |
| 13 | 1SB16ME012 | ARAVINDAN B |
| 14 | 1SB16ME013 | ARIF KHAN |
| 15 | 1SB16ME014 | BHARATH P K |
| 16 | 1SB16ME015 | BUKKAPATNAM MANASA B |
| 17 | 1SB16ME017 | CHANDRAKANTH B S |
| 18 | 1SB16ME020 | DIVYA VENKATA SAI TEJA M |
| 19 | 1SB16ME021 | BHARATH G |

| | | |
|----|------------|----------------------------|
| 20 | 1SB16ME022 | GURURAJA Y BIRADARA Y |
| 21 | 1SB16ME023 | HANUMANTHA RAJ B A B.A |
| 22 | 1SB16ME025 | IMRAN BEIG |
| 23 | 1SB16ME027 | JONAS JOY B |
| 24 | 1SB16ME030 | KIRAN KUMAR K.C. k.c |
| 25 | 1SB16ME031 | KIRAN KUMAR. S.S |
| 26 | 1SB16ME033 | M K KUTRALA KUMARAN |
| 27 | 1SB16ME034 | LINGARAJ GADDIGE MUTT. S.S |
| 28 | 1SB16ME035 | M GNANENDRA M |
| 29 | 1SB16ME036 | M. INDHERJEETH .M |
| 30 | 1SB16ME037 | M.RAJA .M |
| 31 | 1SB16ME038 | MADHUSUDAN A B .A.B |
| 32 | 1SB16ME039 | MAHESH WAGHE |
| 33 | 1SB16ME409 | RAKSHITH S |
| 34 | 1SB16ME040 | MAHESH SHARANAPPA SAJJAN |
| 35 | 1SB16ME041 | MANOJ KUMAR P P |
| 36 | 1SB16ME042 | MANOJ M |
| 37 | 1SB16ME043 | MANOJ V .V |
| 38 | 1SB16ME044 | MANTHAN CHAUHAN S N |
| 39 | 1SB16ME046 | MITHUNRAO G M |
| 40 | 1SB16ME049 | NANDISH B |
| 41 | 1SB16ME051 | NAVEEN N. B |
| 42 | 1SB16ME052 | NAVEENAKUMAR S |
| 43 | 1SB16ME053 | NIKHIL KUMAR |

| | | |
|----|------------|-------------------|
| 44 | 1SB16ME054 | NISCHAL K |
| 45 | 1SB16ME055 | NITHIN V |
| 46 | 1SB16ME059 | PAVAN R T |
| 47 | 1SB16ME061 | PRADEEP B J |
| 48 | 1SB16ME062 | PRAMOD MANNALLI |
| 49 | 1SB16ME063 | PRAVESH RAWAT |
| 50 | 1SB16ME065 | RAHUL .P |
| 51 | 1SB16ME066 | RAJESH .N |
| 52 | 1SB16ME068 | RAKESH NAIK .B |
| 53 | 1SB16ME069 | RAKESH .Y N |
| 54 | 1SB16ME070 | RAVI P .P |
| 55 | 1SB16ME071 | RAVIVARMA .K |
| 56 | 1SB16ME076 | SAIBABA .M |
| 57 | 1SB16ME077 | SANDEEP INAMATI |
| 58 | 1SB16ME078 | SANJAY M K |
| 59 | 1SB16ME080 | SARVESH R SHRIYAN |
| 60 | 1SB16ME084 | SUDARSHAN D |
| 61 | 1SB16ME085 | SUDHARSHAN P .P |
| 62 | 1SB16ME086 | SUPREETH A .A |
| 63 | 1SB16ME088 | SYED ABUBAKER |
| 64 | 1SB16ME089 | THILAK B R |
| 65 | 1SB16ME091 | VENKATESH R H |
| 66 | 1SB16ME093 | VINAYAKA k |
| 67 | 1SB16ME095 | VIVEK KUMAR |

| | | |
|----|------------|----------------------------|
| 68 | 1SB17ME400 | KRISHNA SHARMA V |
| 69 | 1SB17ME401 | MADDURI SATISH KUMAR REDDY |
| 70 | 1SB17ME402 | RAGHAVENDRA D A |
| 71 | 1SB17ME403 | ASHWATH V |
| 72 | 1SB17ME404 | YUVARAJA M |

Date: 02.02.2018

Submitted,

Sub: Report on Student Workshop – Embedded System Design using Arduino – Reg.

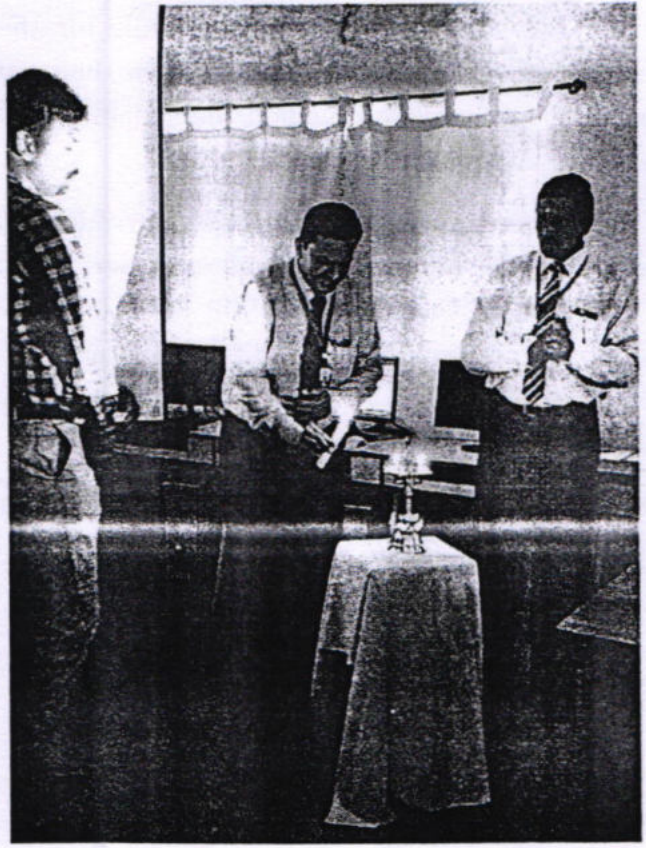
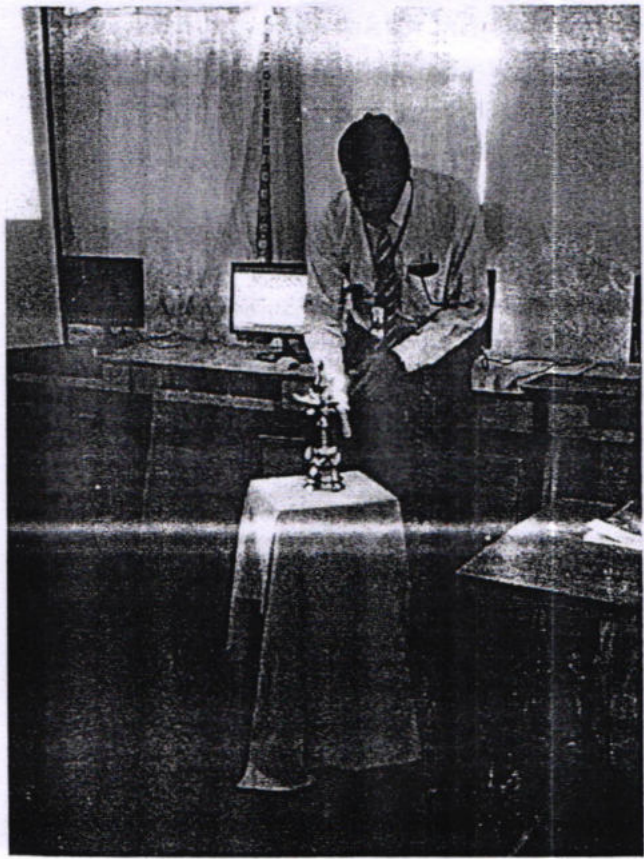
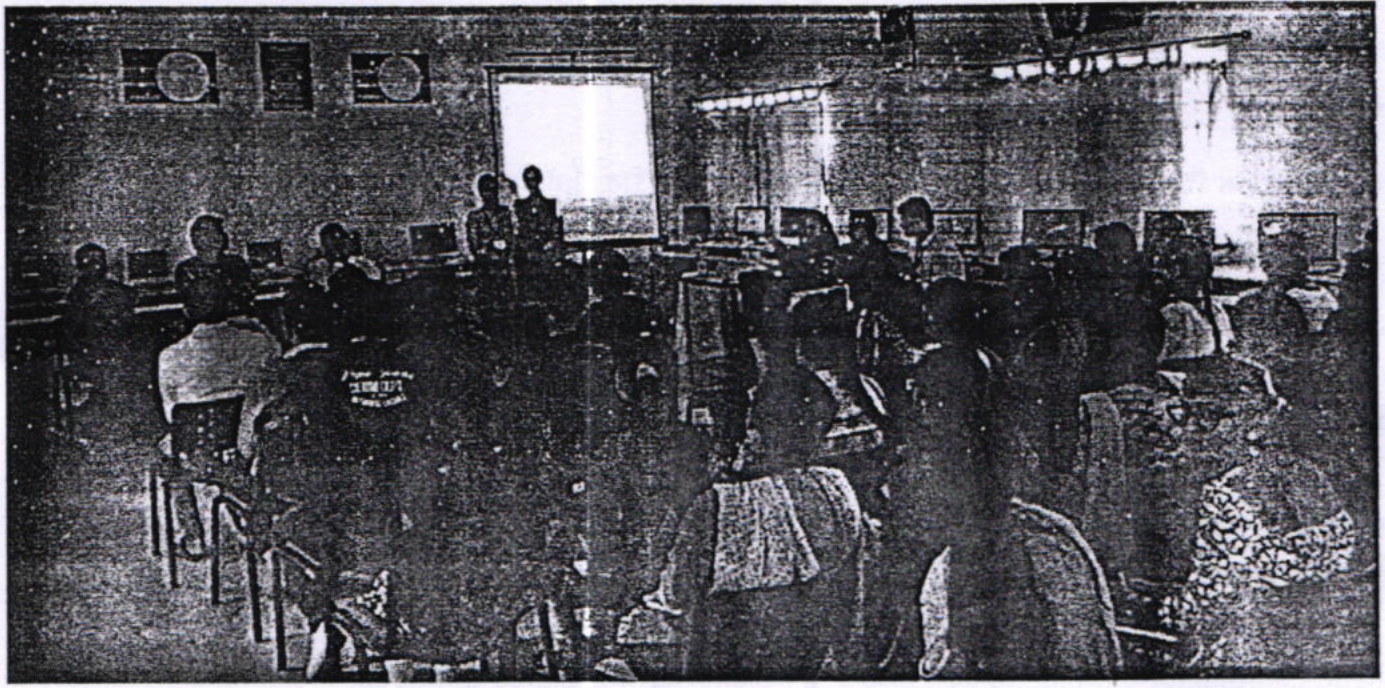
Department of Electronics and Communication Engineering in association with Impressiv Automation Services, Hosur organized a 7 days workshop on "Embedded System Design Using Arduino" from 24.01.2018 to 30.01.2018. This workshop provided Hands on experience on embedded system designing with the help of arduino to transform their innovative ideas into reality as projects for the 4th and 6th Semester students.

The inaugural session started with lighting of the lamp by the dignitaries followed by invocation song. The dignitaries were Dr. Y. Vijayakumar, Principal, Dr. R. Arunkumar, Management Representative, Dr. B. Shadasharappa, Vice Principal, of our Institution.

Student Coordinator Arvind Kumar C S of VI Semester welcomed gathering and introduced the Resource person Mr. Shubham Trivedhi. Dr. Y. Vijayakumar, Principal, presided the function and delivered the presidential address. In his address, he shared information about industry version 4.0 and boundryless learning. Dr. B. Shadasharappa, Vice Principal addressed the gathering. In his talk, he motivated the students for acquiring skills for the betterment. Dr. R. Arunkumar, Management Representative, encouraged the students for their participation in learning real time implementation of ideas through hands on beyond the syllabus. All the dignitaries were honored with bouquet as token of love and respect.

Later the session started. Students were introduced about Embedded System Design ,arduino board basics and simple interfacing. Hands on - Serial Monitor, LDR Interface, IR SENSOR Interface, LCD 16x2 Interface, ULTRASONIC SENSOR Interface, TEMPERATURE AND HUMIDITY SENSOR Interface, Basic loops in programming, Conditional statements, DC MOTOR interface, SERVO MOTOR interface, STEPPER MOTO interface, RTC MODULE interface, HC-05 BLUETOOTH MODULE interface were conducted.

At end of workshop, Students were evaluated with questionnaire and MINI PROJECTs.





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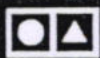
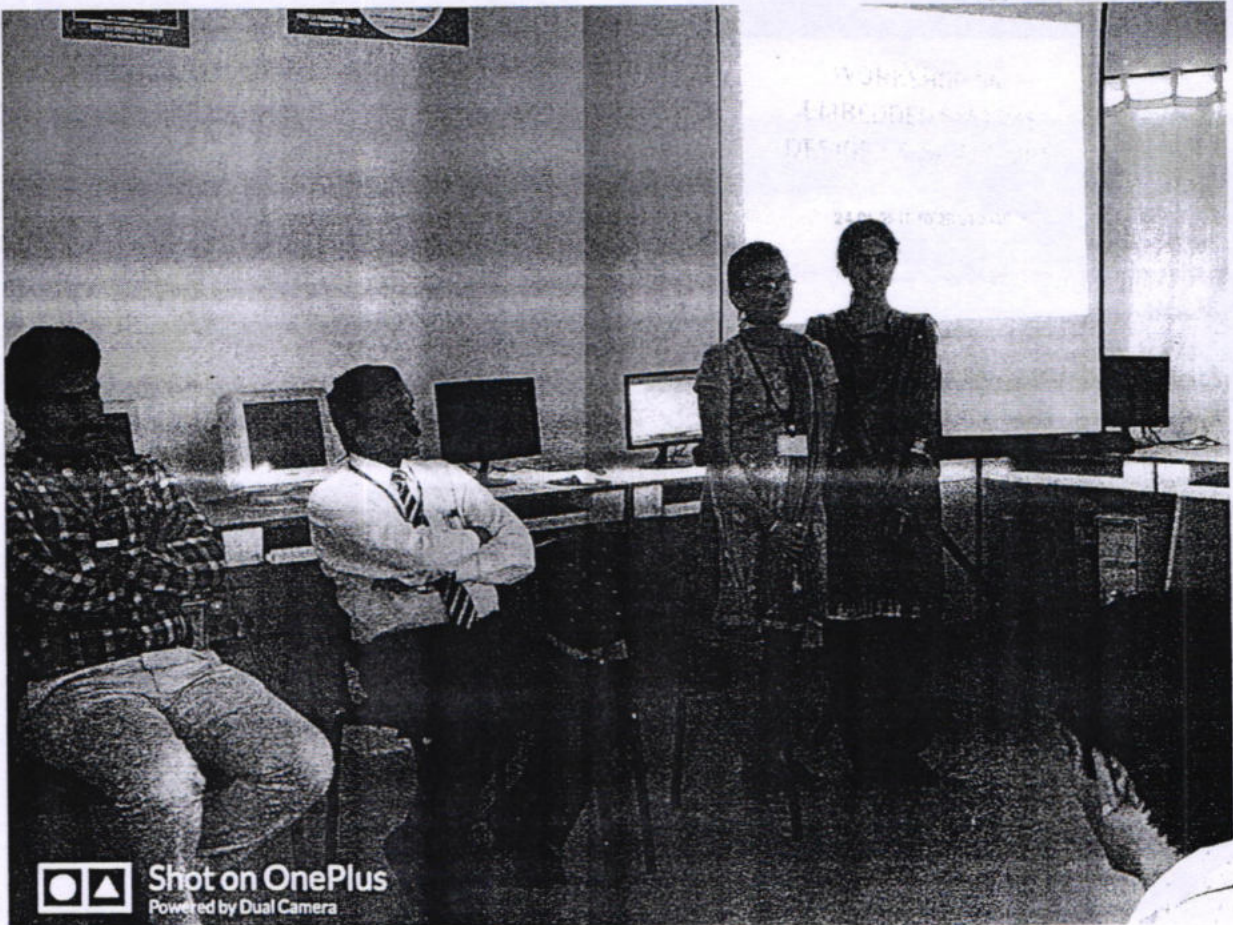
Approved by AICTE, New Delhi

Recognised by Govt. of Karnataka & Affiliated to VTU, Belgaum

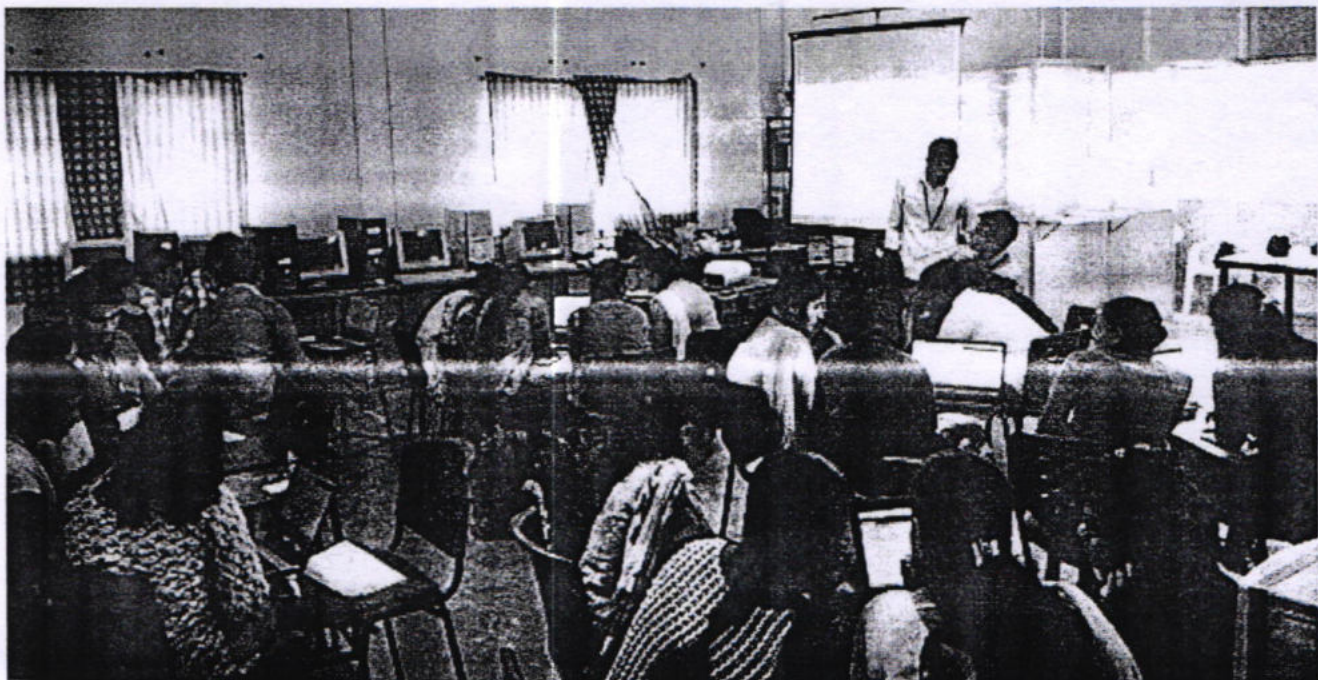
Anekal, Bengaluru



Dept. of ECE



Shot on OnePlus
Powered by Dual Camera





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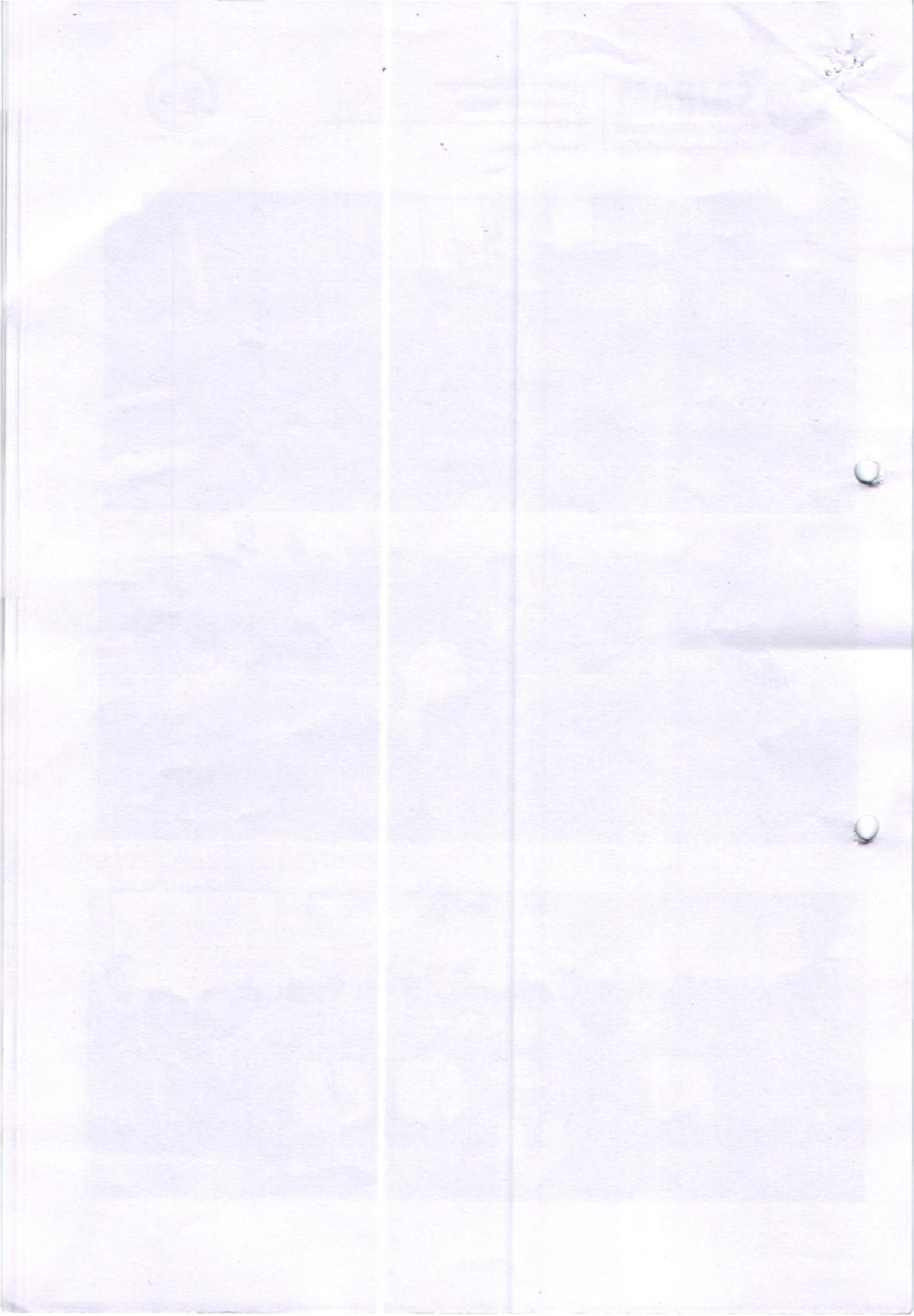
Recognised by Govt. of Karnataka & Affiliated to VTU, Belgaum

Anekal, Bengaluru



Dept. of ECE





Date: 02.02.2018

Submitted,

Sub Report on Student Workshop - Embedded System Design using Arduino - Reg.

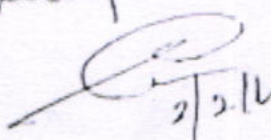
Department of Electronics and Communication Engineering in association with Impressiv Automation Services, Hosur organized a 5 days workshop on "Embedded System Design Using Arduino" from 24.01.2018 to 28.01.2018. This workshop provided Hands on experience on embedded system designing with the help of arduino to transform their innovative ideas into reality as projects for the 4th and 6th Semester students.

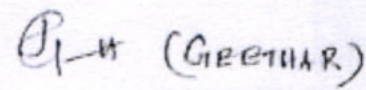
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Student Coordinator Arvind Kumar C 5 of VI Semester welcomed gathering and introduced the Resource person Mr. Shubham Trivedhi. Dr. Y. Vijayakumar, Principal, presided the function and delivered the presidential address. In his address, he shared information about industry version 4.0 and boundryless learning. Dr. B. Shadasharappa, Vice Principal addressed the gathering. In his talk, he motivated the students for acquiring skills for the betterment. Dr. R. Arunkumar, Management Representative, encouraged the students for their participation in learning real time implementation of ideas through hands on beyond the syllabus. All the dignitaries were honored with bouquet as token of love and respect.

Later the session started. Students were introduced about Embedded System Design ,arduino board basics and simple interfacing Hands on - Serial Monitor, LDR Interface, IR SENSOR Interface, LCD 16x2 Interface, ULTRASONIC SENSOR Interface, TEMPERATURE AND HUMIDITY SENSOR Interface, Basic loops in programming, Conditional statements, DC MOTOR interface, SERVO MOTOR interface, STEPPER MOTO interface, RTC MODULE interface, HC-05 BLUETOOTH MODULE interface were conducted.

At end of workshop, Students were evaluated with questionnaire and MINI PROJECTS.

Submitted to principal
killy comide in

2/2/18

 (GREETHA)
WORK SHOP COORDINATOR
Dept. of ECE
SSCE



Sai
SAIRAM COLLEGE OF ENGINEERING
Anekal, Bengaluru - 562 106.

Certificate of Participation

This is to certify that

Mr/Ms. NAVYASHREE A. K.

of VI semester, Dept. of Electronics & Communication Engineering
has successfully completed a workshop on

'Embedded System Design Using Arduino'

during 24th-30th January 2018


Organized by

Department of Electronics & Communication Engineering

In Association with



IMPRESSIV AUTOMATION SERVICES



C. Sivaprakash
Prof. C. Sivaprakash
Prof & Head - ECE

D. Y. Vijayakumar
Dr. Y. Vijayakumar
Principal

Department of Electronics & Communication Engineering

Date: 18.01.2018

Submitted,

Sub: Report on Student Workshop – Embedded System Design using Arduino – Reg.

Department of Electronics and Communication Engineering in association with Impressiv Automation Services, Hosur organized a 5 days workshop on "Embedded System Design Using Arduino" from 08.01.2018 to 12.01.2018. This workshop provided Hands on experience on embedded system designing with the help of arduino to transform their innovative ideas into reality as projects for the 8th Semester students. The Speaker for the session was Mr. Jayashankar, Impressiv Automation Services, Hosur

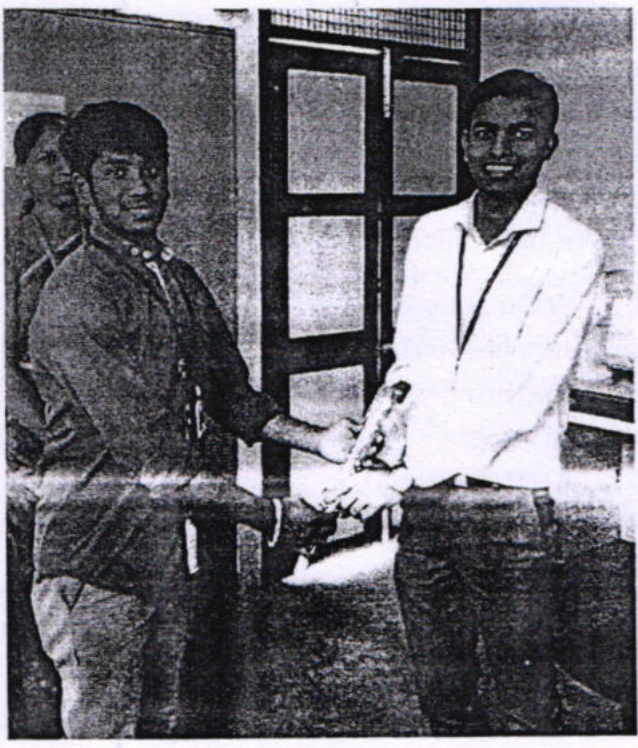
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Later the session started. Students were introduced about Embedded System Design, arduino board basics and simple interfacing. Hands on - Serial Monitor, LDR Interface, IR SENSOR Interface, LCD 16x2 Interface, ULTRASONIC SENSOR Interface, TEMPERATURE AND HUMIDITY SENSOR Interface, Basic loops in programming, Conditional statements, DC MOTOR interface, SERVO MOTOR interface, STEPPER MOTO interface, RTC MODULE interface, HC-05 BLUETOOTH MODULE interface were conducted. 45 students of ECE participated in the program.

At end of workshop, Students were evaluated with questionnaire and MINI PROJECTS.

Department of Electronics & Communication Engineering





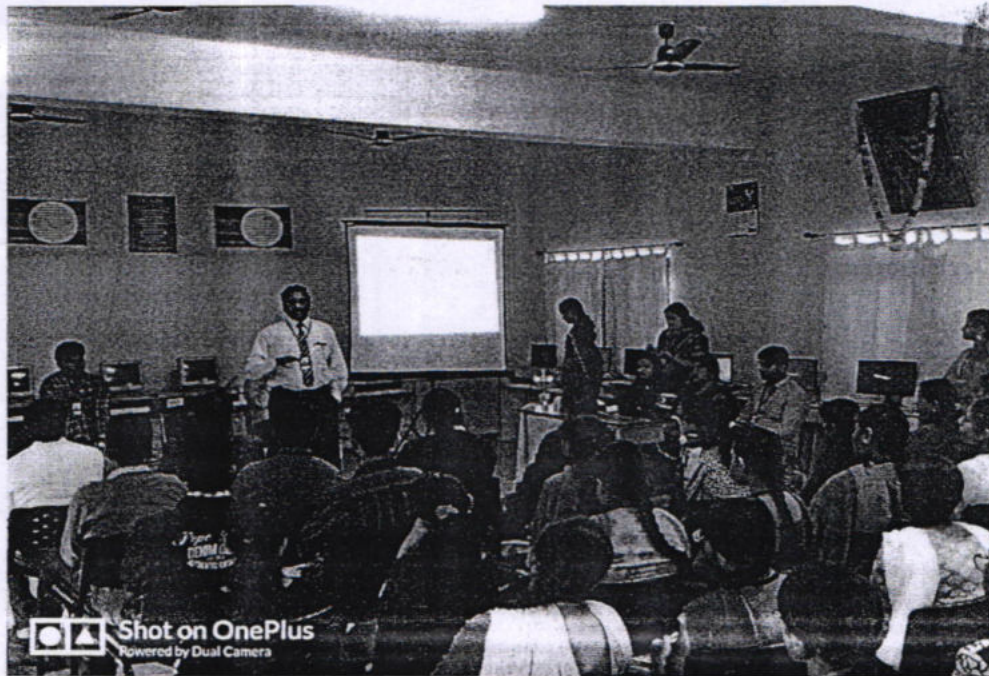
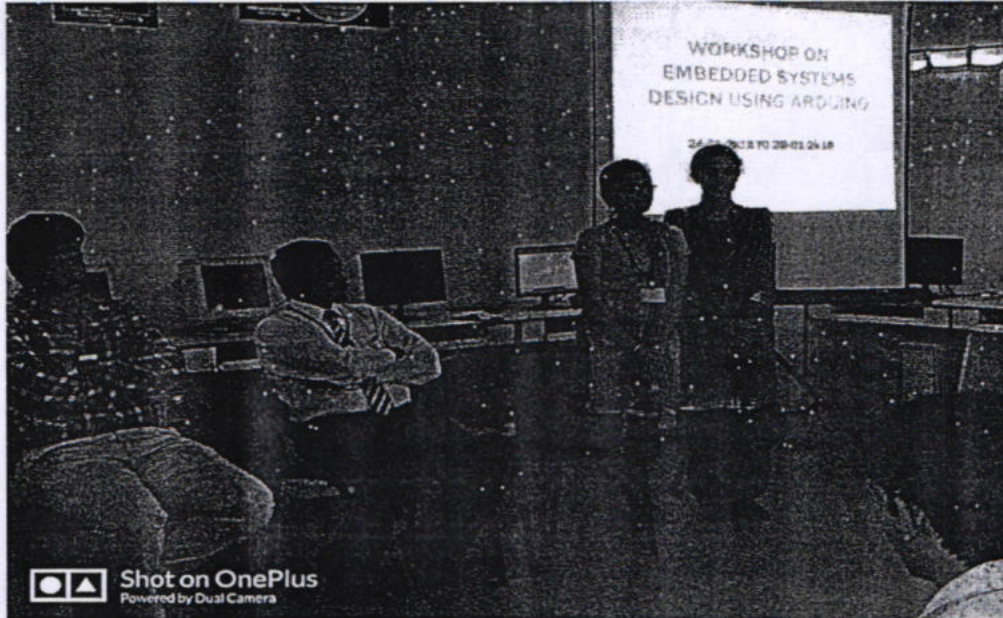
Sri
SAIRAM
COLLEGE OF ENGINEERING
Formerly Shirdi Sai Engineering College

ISO 9001 : 2008 Certified Institution
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Anekal, Bengaluru

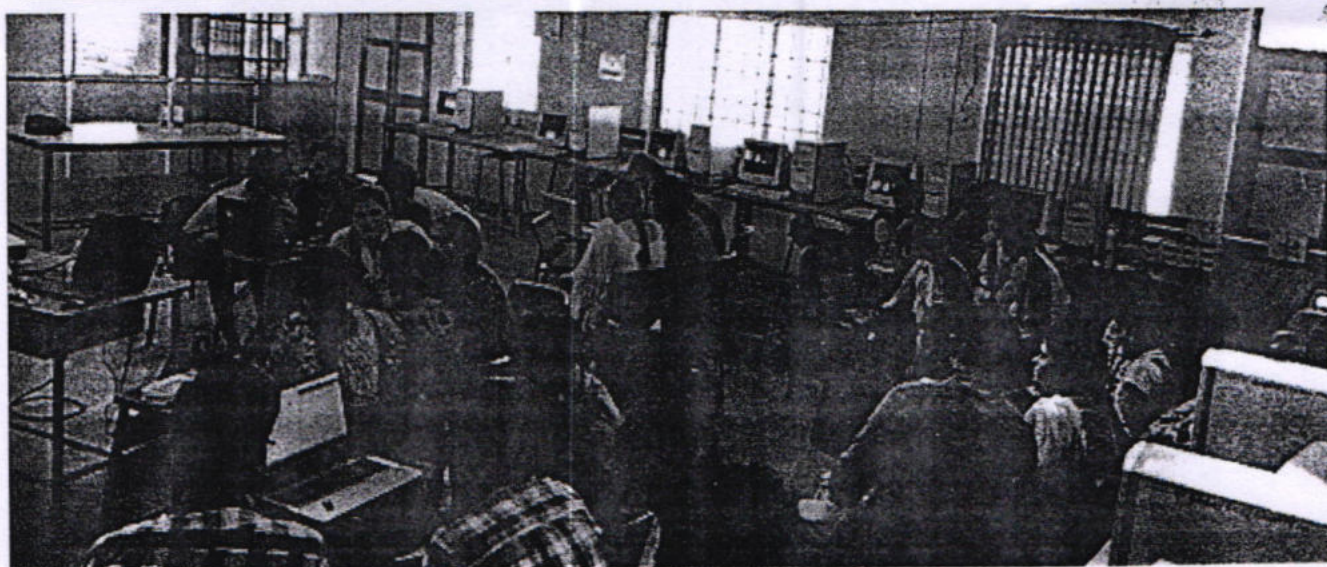


Dept. of ECE

Department of Electronics & Communication Engineering



Department of Electronics & Communication Engineering



Department of Electronics & Communication Engineering

Students Training Records

Title: Embedded System Design using Arduino

Name of the Resource Person: Mr.Jayashankar , Impressiv Automation Services,Hosur

Conducted on: 08.01.2018 to 12.01.2018

| Sl.N o | Name of the Participant | Signature |
|-----------|----------------------------|------------|
| 1 | KIRAN D.L | Kiran |
| 2 | KOUSER BANU IBRAHIM | Kouser |
| 3 | HARATHI KRISHNAMURTHY | Harathi |
| 4 | MADAPPA NAIK P | Madappa |
| 5 | MANASA S | Manasa |
| 6 | MANU SHREE S | Manu Shree |
| 7 | MOHAMMED SHAFFAN SUNAID | Mohammed |
| 8 | MONIKA S G | Monika |
| 10 | NANDINI.B B | Nandini |
| 11 | NAVYA V | Navya |
| 12 | NAVYASHREE A.K | Navyashree |
| 13 | NINGAPPA S | Ningappa |
| 14 | NIRMALA M | Nirmala |
| 15 | POOJA MATTIKATTI | Pooja |
| 16 | PRABHA S | Prabha |
| 17 | PRASHANTH KUMAR S | Prashanth |
| 18 | PRAVEEN KUMAR R | Praveen |
| 19 | PRAVEEN Y.S | Praveen |
| 20 | RAJESH KUMAR CHOUDHARY N | Rajesh |
| 21 | RAMYA A | Ramya |
| 22 | RANJITHA K D | Ranjitha |
| 23 | ROSHNI RAMESAN A | Roshni |
| 24 | SAMITH S | Samith |
| 25 | SANDHYA P | Sandhya |
| 26 | SHREYA K | Shreya |
| 27 | SHRINIVAS B.P | Shrinivas |
| 28 | SIDDESH Y | Siddesh |
| 29 | SIVI SONA J | Sivi |
| 30 | SOUNDHARYA V BHIMANPALLI V | Soundharya |
| 31 | SOWMYA S | Sowmya |
| 32 | SUBHA M | Subha |
| 33 | SUJATHA B.T | Sujatha |
| 34 | SUSHMA.N N | Sushma |
| 35 | SUSHMITHA S | Sushmitha |
| 36 | SWATHI H.B | Swathi |



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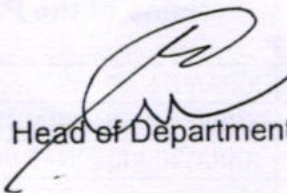


Dept. of ECE

Department of Electronics & Communication Engineering

| | | |
|----|-----------------------|-------------|
| 39 | VINAYAK.K.NASE K | Vinayak |
| 40 | VIVEK M HEGDE | Vivek |
| 41 | CHANDINI S | Chandini |
| 42 | CHIRANJEEVI S | Chiranjeevi |
| 43 | DHEEKSHA S | Dheeksha |
| 44 | SANDEEP REDDY EEDHA E | Sandeep |
| 45 | HARSHITHA A | Harshitha |


Co Ordinator


Head of Department



Department of Electronics & Communication Engineering

Date: 28.11.2017

Submitted,

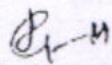
Sub: Requesting Permission and approval to organize WORKSHOP on "Embedded System Design Using ARDUINO" for ECE students - Reg

With respect to the above subject we wish to organize 5 days WORKSHOP on "Embedded System Design Using ARDUINO" for 3rd & 5th Semester ECE students during 08.01.2018 to 12.01.18 in our campus. This workshop is aimed to offer a base for building innovative projects which enable the young minds to actively participate in various contests. Hence requesting you to permit and approve to collect an amount of 5000.00 per team (4 Members), which includes Training Material & One Arduino working kit. Kindly consider and do the needful.

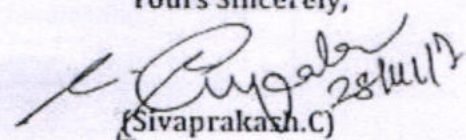
Thanking you,

Enclosure:

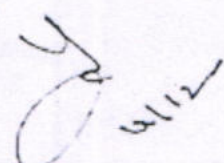
1. Proposal


Workshop Coordinator
(Geetha. R)

Yours Sincerely,



(Sivaprakash.C)


Head of the Department
Dept. of Electronics & Communication Engineering
Sri Sairam College of Engineering
Anekal, Bengaluru - 562 100.

0.5
11.11.17
Approved


Expenditure Details for the Registration Amount of 5000.00

| SI No | Component Name | Quantity | price |
|-------|-------------------|----------|---------|
| 1 | Arduino UNO Board | 4 | 2000.00 |
| 2 | USB A to B Cable | 4 | 200.00 |
| 3 | HC-05 Bluetooth | 1 | 500.00 |
| 4 | Servo Motor | 1 | 250.00 |
| 5 | Stepper Motor | 1 | 250.00 |
| 6 | DC Motor | 1 | 200.00 |
| 7 | DC Power Adapter | 1 | 150.00 |
| 8 | DHT11 Sensor | 1 | 150.00 |
| 9 | LCD 16x2 | 1 | 120.00 |
| 10 | HC-SR04 Sensor | 1 | 100.00 |
| 11 | IR sensor | 1 | 100.00 |
| 12 | Breadboard | 1 | 200.00 |
| 13 | LED Normal | 5 | 25.00 |
| 14 | LED RGB | 1 | 160.00 |
| 15 | BUTTONS | 5 | 50.00 |
| 16 | BUZZER | 1 | 100.00 |
| 17 | LDR | 1 | 50.00 |
| 18 | RTC MODULE | 1 | 200.00 |
| 19 | ULN2003 DRIVER IC | 1 | 100.00 |
| 20 | L293D DRIVER IC | 1 | 50.00 |
| 21 | Connecting Leads | - | 50.00 |
| 22 | Miscellaneous | - | 55.00 |
| | Total | 64 | 5000.00 |


 Workshop Coordinator
 (Geetha. R)


 (Sivaprakash.C)
 Head of the Department
 Dept. of Electronics & Communication Engineering
 Sri Sairam College of Engineering
 Anekal, Bengaluru



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Department of Electrical & Electronics Engineering

Report on

Industrial Visit and Experiential learning about PLC

(14th November 2017)

- 1. Companies Visited:** AXIS GLOBAL INSTITUTE OF INDUSTRIAL TRAINING.
- 2. Location:** Opposite.cool joint,#648,10th 'B' Main ,4th block ,jayanagara ,Bangalore-11
- 3. Owner:** Asia's Advanced Automation Training Institute
- 4. Purpose:** To know knowledge about industrial automation and robotics and present semester PLC subject regarding practical information
- 5. Practical Automation in Industries:** practical program oriented operation like material handling ,types of processes in industries , how to change the program in online process
- 6. Established year:** 2013
- 7. List of Students Visited:**

| SL. NO | USN | NAME | SEMESTER |
|--------|------------|-----------------------|----------|
| 1. | ISB15EE004 | ARUN P K | V |
| 2. | ISB15EE005 | ASHA K | V |
| 3. | ISB15EE006 | BALAJI RAO H | V |
| 4. | ISB15EE007 | GOURAV THAKUR | V |
| 5. | ISB15EE008 | HITESH KUMAR CHOUDHAR | V |
| 6. | ISB15EE009 | KAVYA | V |
| 7. | ISB15EE010 | MANJUNATH.S | V |
| 8. | ISB15EE011 | MEGHANA S N | V |
| 9. | ISB15EE012 | MITHUN V | V |
| 10. | ISB15EE013 | MUBARAK S | V |
| 11. | ISB15EE015 | NETHRAVATHI J | V |
| 12. | ISB15EE018 | RAKSHITHKUMARNAIK K R | V |
| 13. | ISB15EE019 | SUNIL HIROLI | V |
| 14. | ISB15EE021 | VIJAYAKUMARA M G | V |

| | | | |
|-----|-------------|---------------------|---|
| 15. | ISB16EE 401 | KISHOR KUMAR.K | V |
| 16. | ISB15EE403 | MALLIKARJUN REDDY.R | V |
| 17. | ISB13EE010 | HARSHITH .H | V |
| 18. | ISB14EE002 | BHARATH H P | V |
| 19. | ISB14EE015 | SOWMYA.C | V |

8. LIST OF FACULTY COORDINATORS: ^

9.

| SL.NO | NAME OF THE FACULTY COORDINATORS | DESIGNATION |
|-------|----------------------------------|---------------------|
| 1 | MR. PRASHANTHA.K | Assistant Professor |
| 2 | MR. VIJAY KUMAR | Lab technician |



Image1



Image2



Image3

Image (1 to 3) Our Students & Staffs in AGIIT, BANGALORE, visit

The resource person in this industry were explained very nicely, and all students are really comes to know that how exactly the how the PLC based automation works and how to make programming. They took our students to the various sections of the AGIIT automation and robotics section .each section is explained by the various research experts. Our students are expressed their gratitude to the various experts for giving a wonderful information. After the visit we honoured the resource person as per the college protocol.


PRINCIPAL

Sri Sairam College Of Engineering
Sai Leo Nagar, Guddanahalli Post,
Anekal, Bengaluru - 562 106



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Anekal, Bengaluru



Dept. of ECE

Department of Electronics & Communication Engineering

Date: 27.10.2017

Submitted:

Sub: Report on Drishti online contest – Reg.

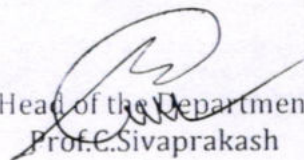
Department of Electronics and Communication Engineering conducted Drishti Online Contest for the 3rd year and 4th year ECE Students on 25th October 2017. This test is organised under Texas Instruments University Program with the support of M/S Edgate Technologies, as per the MOU between the department of Electronics and Communication Engineering and M/s Edgate technologies.

Drishti provides a competitive advantage to students by enabling them to learn, analyze and apply the theoretical concepts acquired in a classroom environment by making it more exciting, relevant, and valuable to the student. The objective of the contest is to increase the knowledge-base of future engineers so that they interact with industry-standard technology before they graduate and develop the skills needed to tackle tomorrow's most challenging problems.

The contest was conducted in a two step process. The registration for the students to participate in contest started at 10.00 am. And the test was conducted ONLINE in our campus between 10.30 am to 11.30 am.

A total of 65 students were participated in the test.


Coordinator
R.DEEPA


Head of the Department
Prof.C.Sivaprakash



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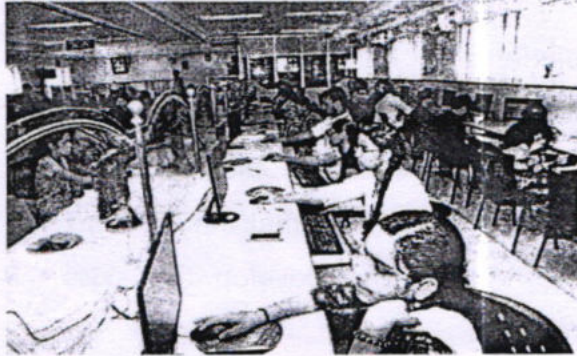
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Anekal, Bengaluru



Dept. of ECE

Department of Electronics & Communication Engineering





Department of Electronics & Communication Engineering

Students Training Records

Title: Drishti online

Name of the Resource Person: : Texas Online test was taken by students

Conducted on: 25th October 2017

| Sl.No | Name of the Participant | Signature |
|-------|--------------------------|---------------|
| 1 | ABHILASH K S | K.S. Abhilash |
| 2 | Adeline P I | Adeline |
| 3 | AKSHAY S | Akshaya |
| 4 | AMAN KUMAR D | Aman |
| 5 | ANJALI V | Anjali |
| 6 | ARUN KUMAR R | Arun |
| 7 | ATHSHA GODS FEARETH D | Feard.D |
| 8 | AVINASH VERMA S | Avinash |
| 10 | B.ANISH KUMAR B | Anish |
| 11 | BHOOMIKA P K | Bhoomika |
| 12 | BHUVANA K | Bhuvana |
| 13 | MOHAMMED ISMAIL C | Ismael |
| 14 | DEEPIKA R | Deepika |
| 15 | GAYATRI RAMESH SAKRI | Gayatri |
| 16 | Hemsai L | Hansai |
| 17 | IMTIYAZ I | Imtiyaz |
| 18 | RACHANA JS | Rachana J.S |
| 19 | JYOTHI B M | Jyoti |
| 20 | KAILASH KUMAR PATIL | Kailash |
| 21 | KALMESH VEERAPUR G | Kalmesh |
| 22 | KAVYA K.M. | Kavya |
| 23 | KAVYA V | Kavya |
| 24 | KISHORE S | Kishore |
| 25 | KRITHIKHA K | Kritika |
| 26 | LAVANYA K | Lavanya |
| 27 | LOKESH M L | Lokesh |
| 28 | NITHYA SREE M | Nithya |
| 29 | M.A.PUNEETH KUMAR | Puneeth |
| 30 | CHANDRAKALA M | Chandran |
| 31 | PRAVEEN KUMAR R | Praveen |
| 32 | PRAVEEN Y.S | Praveen |
| 33 | RAJESH KUMAR CHOUDHARY N | Rajesh Kumar |
| 34 | RAMYA A | Ramya |



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Anekal, Bengaluru



Dept. of ECE

Department of Electronics & Communication Engineering

| | | |
|----|----------------------------|-------------|
| 35 | RANJITHA K D | Ranjith |
| 36 | ROSHNI RAMESAN A | Roshni |
| 37 | SAMITH S | Samith |
| 38 | SANDHYA P | Sandhya |
| 39 | SHREYA K | Shreya |
| 40 | SHRINIVAS B.P | Shrinivas |
| 41 | SIDDESH Y | Siddesh |
| 42 | SIVI SONA J | Sivi |
| 43 | SOUNDHARYA V BHIMANPALLI V | Soundharya |
| 44 | SOWMYA S | Sowmya |
| 45 | SUBHA M | Subha |
| 46 | SUJATHA B.T | Sujatha |
| 47 | SUSHMA.N N | Sushma.NN |
| 48 | SUSHMITHA S | Sushmitha |
| 49 | SWATHI H.B | Swathi |
| 50 | TRIVENI V | Triveni |
| 51 | VAISHNAVI RANI A | Vaishnavi |
| 52 | VINAYAK.K.NASE K | Vinayak |
| 53 | VIVEK M HEGDE | Vivek M |
| 54 | VENKATESH K T | Venkatesh |
| 55 | KIRAN D.L | Kiran |
| 56 | KOUSER BANU IBRAHIM | Kouser Banu |
| 57 | HARATHI KRISHNAMURTHY | Harathi |
| 58 | MADAPPA NAIK P | Madappa |
| 59 | MANASA S | Manasa S |
| 60 | MANU SHREE S | Manu |
| 61 | MOHAMMED SHAFFAN SUNAID | Mohammed |
| 62 | MONIKA S G | Monika |
| 63 | NANDINI.B B | Nandini |
| 64 | NAVYA V | Navya |
| 65 | NAVYASHREE A.K | Navyashree |

Co

Ordinator
[Signature]

Head of Department

[Signature]

Department of Electronics and Communication Engineering

Date: 26.11.2017

Submitted:

Sub: Report on Drishti online contest under MOU activity - Reg.

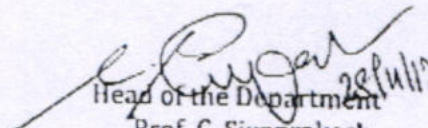
Department of Electronics and Communication Engineering conducted Drishti Online Contest for the final year and pre final year ECE Students on 25th October 2017. This test is organised under Texas Instruments University Program with the support of M/S Edgate Technologies, as per the MOU between the department of Electronics and Communication Engineering and M/s Edgate technologies.

Drishti provides a competitive advantage to students by enabling them to learn, analyze and apply the theoretical concepts acquired in a classroom environment by making it more exciting, relevant, and valuable to the student. The objective of the contest is to increase the knowledge-base of future engineers so that they interact with industry-standard technology before they graduate and develop the skills needed to tackle tomorrow's most challenging problems.

The contest was conducted in a three step process. The students were made to register for the contest. The time slot for the students were confirmed. And the test was conducted in different Time Slots as 10:00 AM - 11:00 AM, 11:30 AM - 12:30 PM, 13:00PM -14:00PM, 14:30 PM - 15:30PM in our campus.

A total of 108 students were participated in the test. After the test, as per the contest terms, top three winners were identified and the coordinator was appreciated with a Plaque.


Coordinator
Geetha R


Head of the Department
Prof. C. Sivaprakash
Head of the Department
Dept. of Electronics & Communication Engineering
Sri Sairam College of Engineering
Anekal, Bengaluru - 562 106.

y 7/11/17

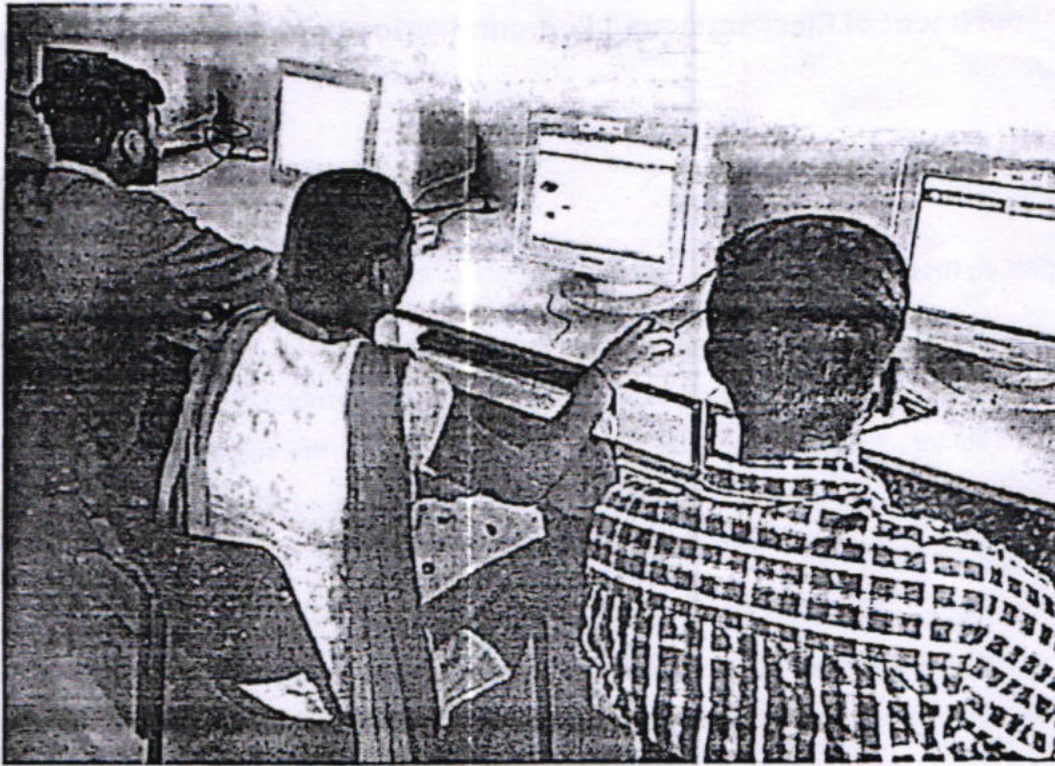


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Dept. of ECE





ADVANCED ROBOTIC WORKSHOP REPORT 29th September -02nd October 2017

We are happy to inform you that "four days' Workshop on Advanced Robotics" was conducted from 29th September to 2nd October 2017" in our college. Around 40 participants from various Sri Leo Muthu Innovation Centre teams' students were participated in the event.

Invocation song was sung by Chaitra. S, Welcome address was given by Hemanth C Reddy, Student Coordinator, SLMIC, Mr. A.Muthuvel gave the Introduction about Sri Leo Muthu Innovation Centre, **Chief Guest Suraj S D, Founder & CEO, Competences Factory Pvt. Ltd address regarding Start-ups and Entrepreneurship opportunities for the youngsters.** Shreyas Vernekar gave the Workshop Introduction, ROVE LABS, and Vote of thanks was given by Bharath Kumar D, Student Member, and SLMIC. **Guest speaker gave the guest Lecture on Advanced robotics and job opportunities in Aeronautics Fields.**

With the continuous support and motivation from Management Representative Dr. R. Arunkumar, Principal Dr. Y. Vijayakumar, programme convenor Dr. K. Sivasakthi Balan, other HODs and faculties along with students of our institution have done this remarkable achievement.

WORKSHOP ADVANTAGES:

1. Workshops allowed the participants to design, build, test, optimize, compete & document the project they worked on. This will gave better insight on industrial product design and development.
2. Sessions also included objective oriented games/tasks which helped in developing problem solving, decision making and logical think thinking skills. Team building activities
3. Video segments during every session.
4. Certificate of participation and newsletter subscription

2



Sri Leo Muthu
Innovation
centre



ADVANCED ROBOTIC WORKSHOP REPORT
29th September -02nd October 2017



Dr.K.Sivasakti Balan



Lightening the Lamp - Suraj S D, Founder & CEO, Competences Factory Pvt. Ltd



Lightening the Lamp by Mr. Harish Babu L and Mr. A.Muthuvel



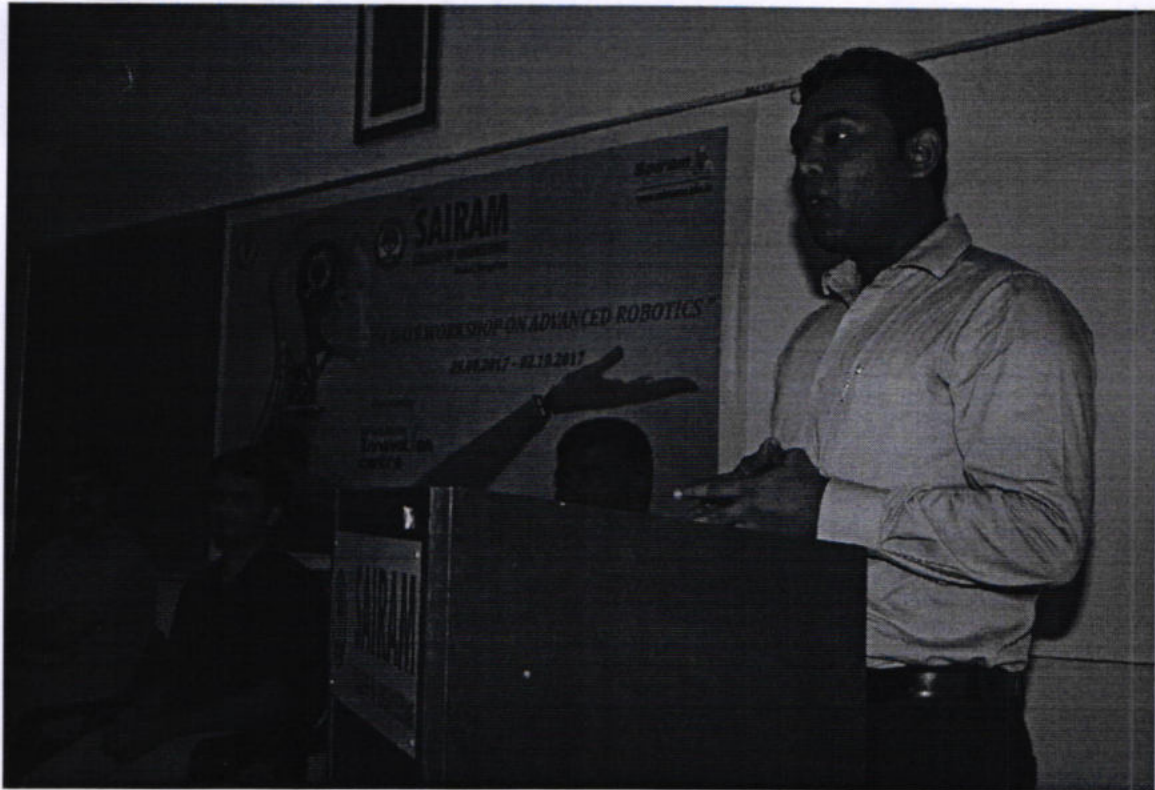
**Mr.Bheemeshwar Reddy Giving Memento to Suraj S D, Founder & CEO, Competences
Factory Pvt. Ltd**



**Mr.Harish Babu L and A.Muthuvel Giving Memento to Suraj S D, Founder & CEO,
Competences Factory Pvt. Ltd**



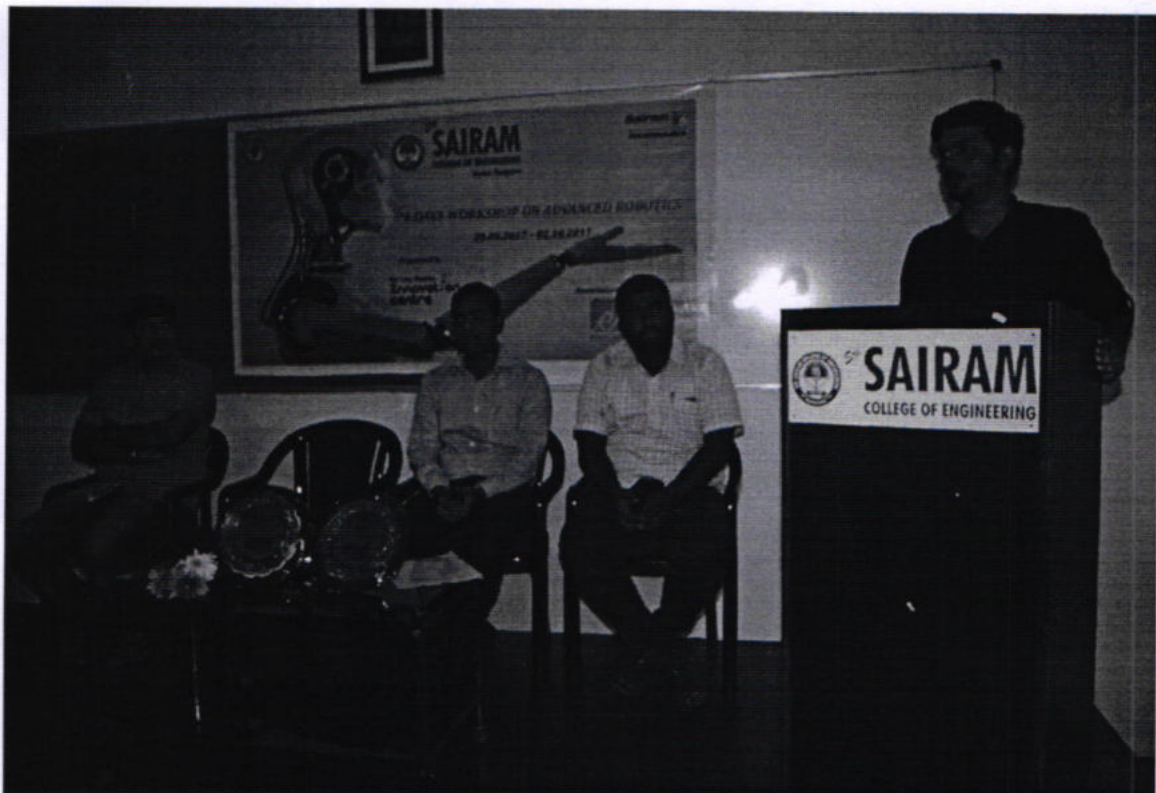
Mr. A. Muthuvel giving introduction about SLMIC



Suraj S D, Founder & CEO, Competences Factory Pvt. Ltd gave the guest address



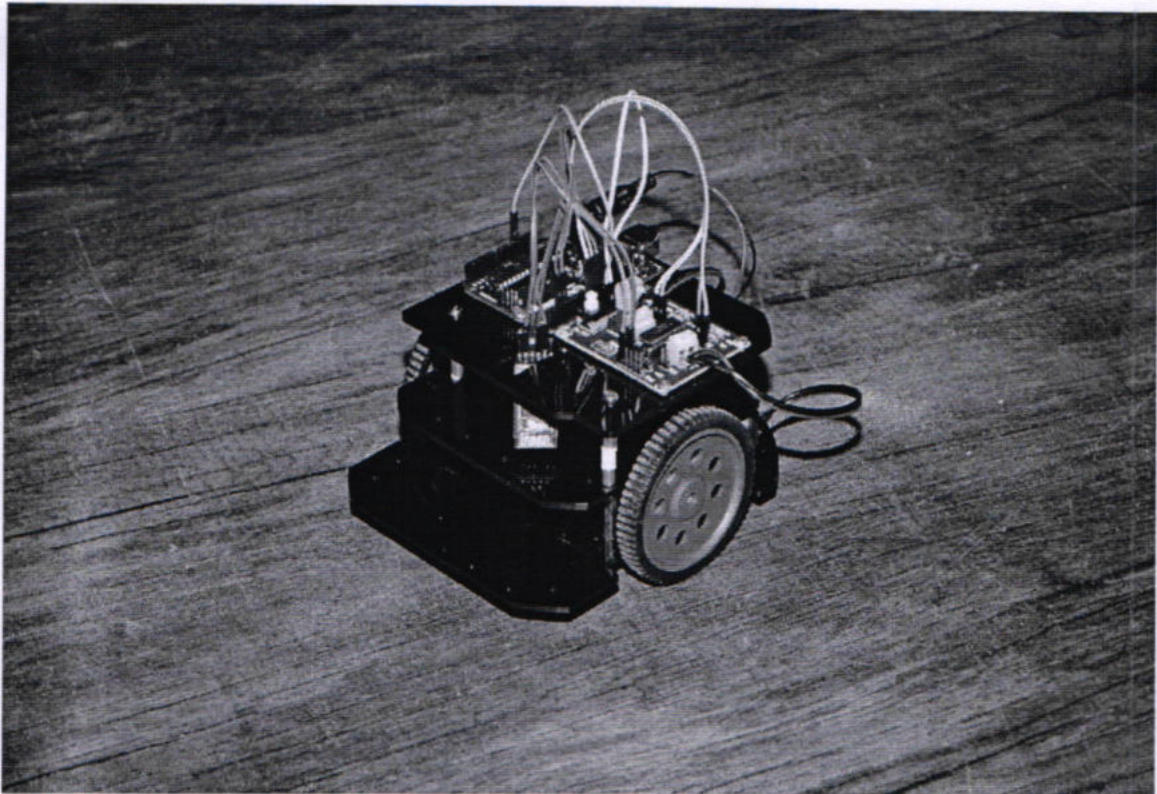
Mr. Bheemeshwar Reddy gave the motivational speech



Shreys, ROVE labs gave introduction about the workshop.



During Interaction with Students



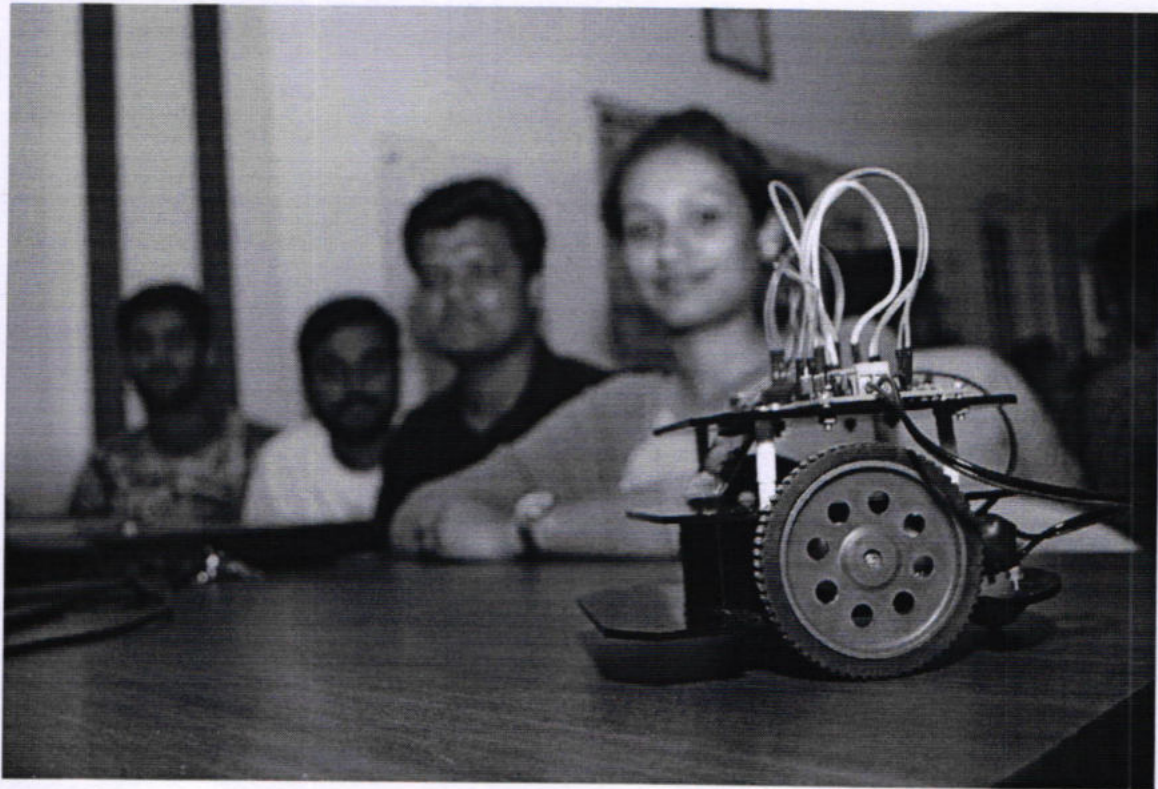
Assembled robot



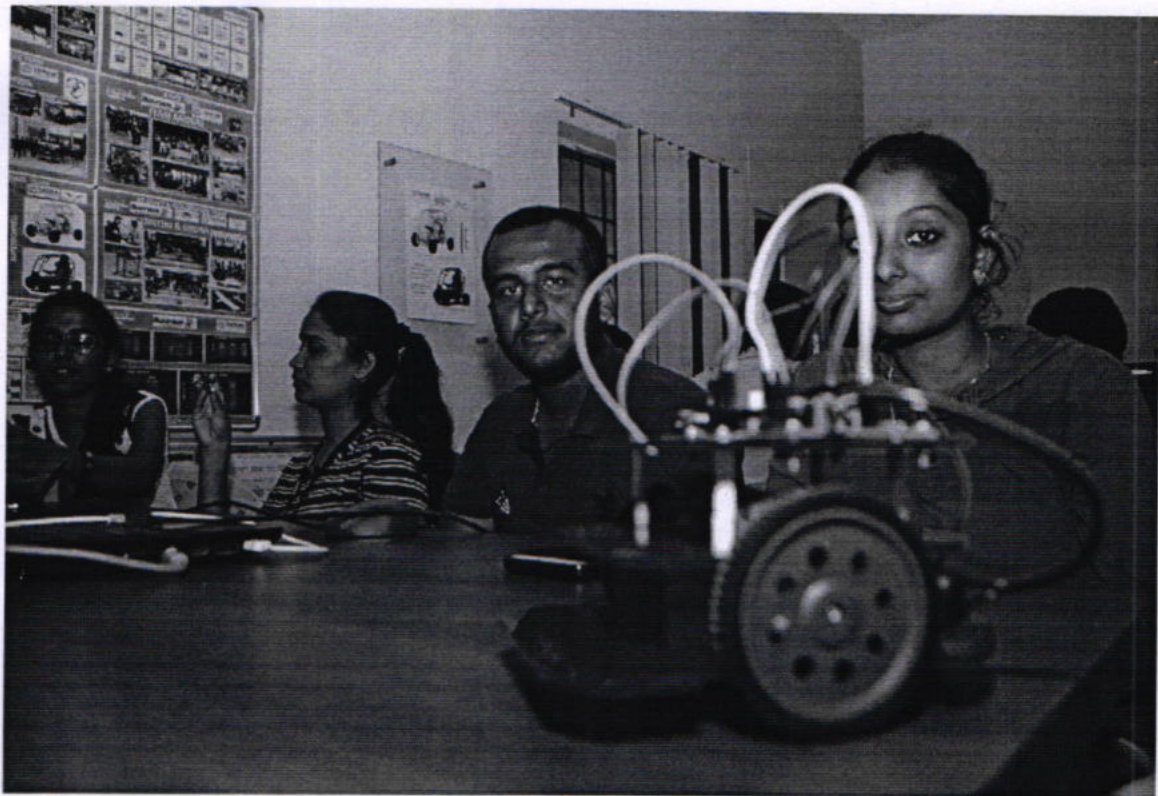
During gesture competition



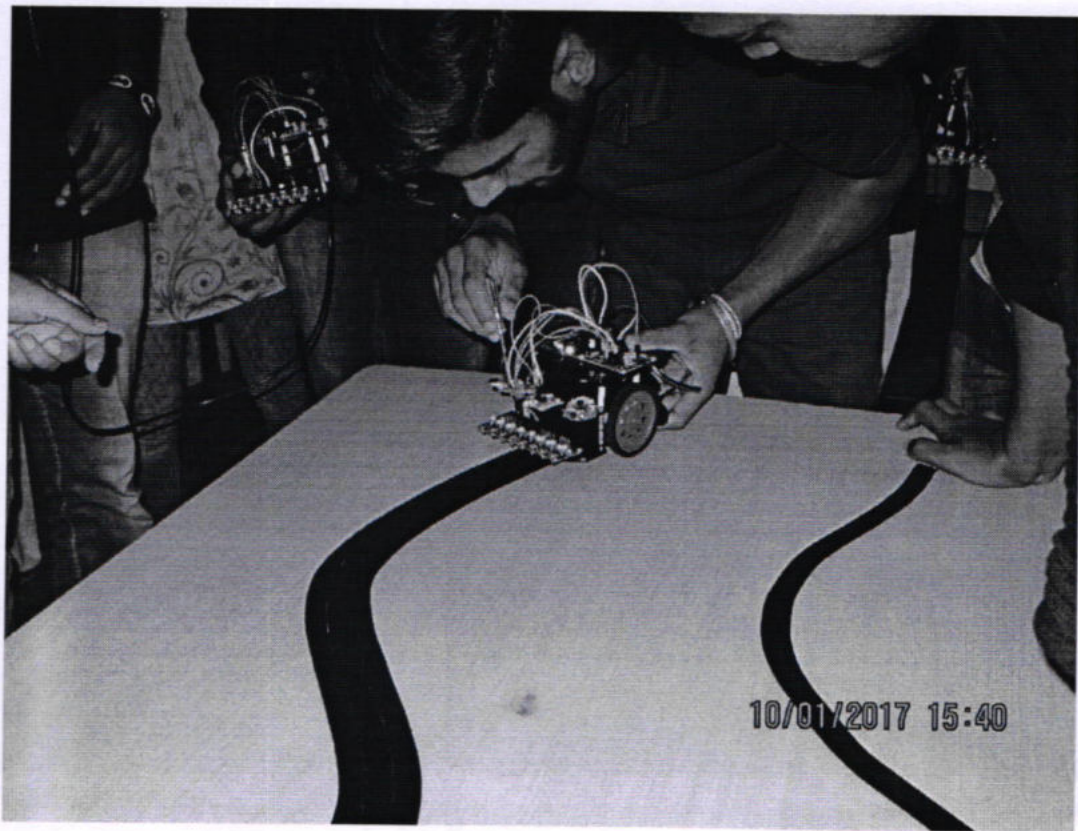
During gesture competition



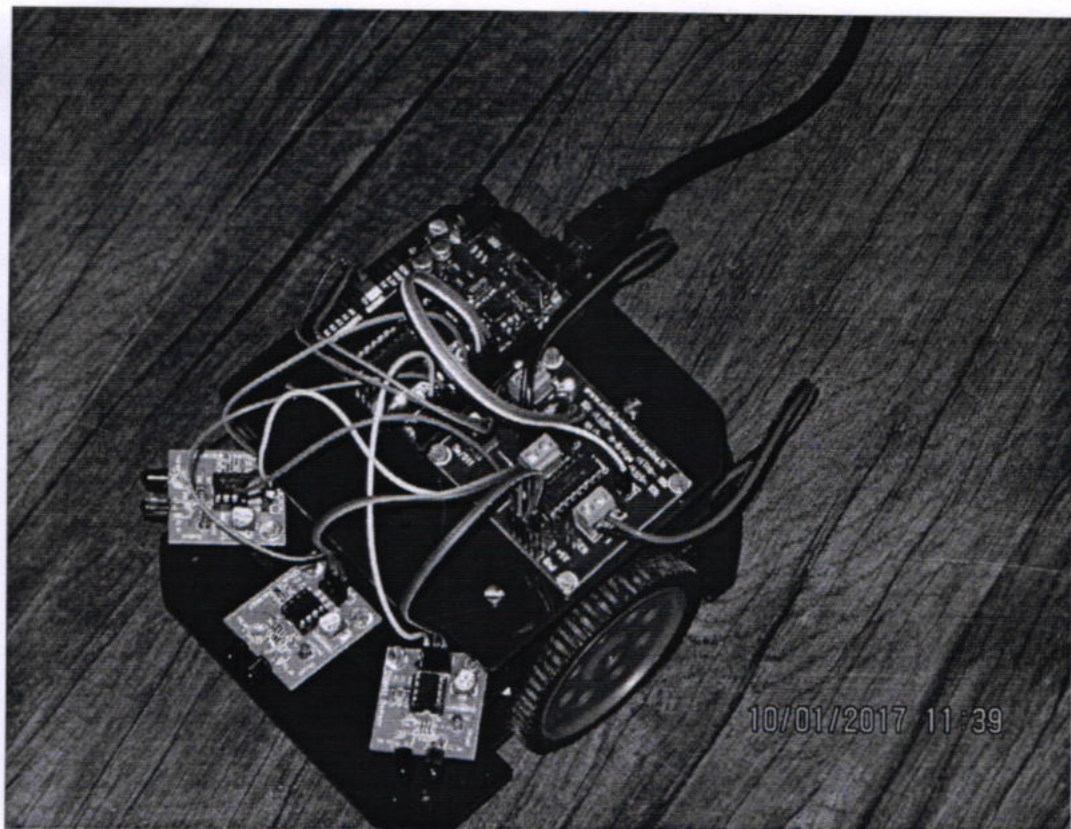
During Assembling



During Assembling



During Line Follower Task



During Obstacle Avoidance task



Sri Leo Muthu
Innovation
Centre

CERTIFICATE

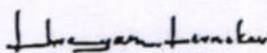
Attendee : BHAVYASHREE R
Certificate No : RLARW03BLR222
Batch ID : RVLB53

Has completed the workshop on "ADVANCED ROBOTICS" curated by Rove Labs in collaboration with Sri Leo Muthu Innovation Centre at Sairam Engineering College, Anekal held on 25th Sep to 2nd Oct, 2017.

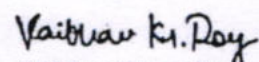
The attendee has learned and experienced the below

- Embedded systems and Arduino-IDE Software interfacing
- Motor driver and H-bridge IC concept
- Wireless communication, Bluetooth module & UART communication
- IR interfacing & its working
- Robot assembly, Electronics interfacing & Sensor calibration
- Construction of Obstacle Avoider, Edge Avoider & Line Following Robot
- Gesture controlled and Voice controlled robot using smart phone

The purpose of this workshop is to provide practical and engineering exposure to support curriculum. Participant has actively involved and was scrutinized by experts in all the activities at the workshop.


Shreyas S Vernekar
Co-Founder & CEO
Rove Labs Pvt. Ltd.

Faculty Co-ordinator
Sri Leo Innovation Center
Sairam Engineering College, Anekal


Vaibhav Kumar Roy
Co-Founder & CTO
Rove Labs Pvt. Ltd.

9

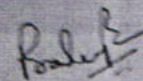
Department of Computer Science Engineering

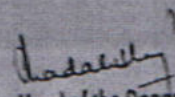
Date: 11/09/2017

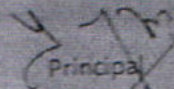
Circular

Sub : Web2.0 Workshop - Reg.

With reference to the above sub, it is hereby brought to the notice of all the students of Computer Science Engineering department that the seminar / workshop on "Web2.0 Workshop" scheduled on 11/09/2017 to 12/09/2017. Students are cordially invited to participate in full strength to make use of the seminar effectively.


Faculty co-ordinator


Head of the Department
Dept. of Computer Science & Engineering
Sri Sairam College of Engineering
Anekal, Bengaluru - 562 106.


Principal



Sri
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COLLEGE OF ENGINEERING
Formerly Shirdi Sai Engineering College

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Anekal, Bengaluru

Attendance of Web 2.0 workshop

| SL.NO | USN | NAME OF THE STUDENT |
|-------|------------|---------------------|
| 1. | 1SB15CS001 | A.KODEESWARAN |
| 2. | 1SB15CS002 | ABHILASH.B |
| 3. | 1SB15CS003 | ABHINANDAN MAZUMDAR |
| 4. | 1SB15CS004 | ABHISHEK |
| 5. | 1SB15CS007 | ANIL KUMAR M |
| 6. | 1SB15CS008 | ANIRUDHAN.C |
| 7. | 1SB15CS009 | ARCHANA R |
| 8. | 1SB15CS010 | ANURAG |
| 9. | 1SB15CS011 | ASHA S |
| 10. | 1SB15CS012 | ASHWAL MG |
| 11. | 1SB15CS013 | AVINASH V |
| 12. | 1SB15CS014 | B G RAMYA |
| 13. | 1SB15CS016 | BHAGYASHREE.M.A |
| 14. | 1SB15CS017 | BHAVANA.M |
| 15. | 1SB15CS018 | BHAVYA KN |
| 16. | 1SB15CS020 | BINDU .A |
| 17. | 1SB15CS021 | CHAITHRA K |
| 18. | 1SB15CS022 | CHAITRA N |
| 19. | 1SB15CS023 | CHANDINI KC |
| 20. | 1SB15CS024 | CHITRA KUMARI |
| 21. | 1SB15CS025 | DEEPA K |
| 22. | 1SB15CS026 | DEEPA MP |



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| | | |
|-----|------------|--------------------|
| 23. | 1SB15CS027 | DHARANI.R |
| 24. | 1SB15CS028 | DIVYA.G |
| 25. | 1SB15CS029 | DIVYASHREE.R |
| 26. | 1SB15CS032 | GAGANA.P |
| 27. | 1SB15CS033 | GANAVI.N |
| 28. | 1SB15CS034 | GURUPRASAD.HN |
| 29. | 1SB15CS035 | GYANENDRA KUMAR |
| 30. | 1SB15CS036 | HARASHA.M |
| 31. | 1SB15CS037 | HEMA R |
| 32. | 1SB15CS038 | HEMANTH.H.N |
| 33. | 1SB15CS039 | JYOTHI SULOCHANA.R |
| 34. | 1SB15CS040 | K HEMAVATHI |
| 35. | 1SB15CS041 | KALPANA M.S |
| 36. | 1SB15CS042 | KHUSHBU KUMARI |
| 37. | 1SB15CS043 | KOMAL SHETTY K |
| 38. | 1SB15CS044 | KUSHMA M |
| 39. | 1SB15CS046 | MADHUSHANKAR C |
| 40. | 1SB15CS049 | MEGHANA KM |
| 41. | 1SB15CS050 | MURALAI.A |
| 42. | 1SB15CS051 | MUTHU JAYASHREE |
| 43. | 1SB15CS052 | NAVYA.N |
| 44. | 1SB15CS053 | NAYANA.A |



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| | | |
|-----|------------|--------------------|
| 45. | 1SB15CS054 | NEETHA NAYAK M |
| 46. | 1SB15CS055 | NETHRA.R |
| 47. | 1SB15CS056 | NIKHIL KUMAR |
| 48. | 1SB15CS057 | PIYUSH RAI D |
| 49. | 1SB15CS059 | PRIYANKA S |
| 50. | 1SB15CS061 | RAKSHAK HOKRANI |
| 51. | 1SB15CS062 | RAMYA R |
| 52. | 1SB15CS063 | RAMYA.R |
| 53. | 1SB15CS065 | RAVIKIRAN |
| 54. | 1SB15CS066 | RISHABH SRIVASTAVA |
| 55. | 1SB15CS067 | ROOPA.D |
| 56. | 1SB15CS068 | SAI HARIKA.B |
| 57. | 1SB15CS069 | SANTHOSH.M |
| 58. | 1SB15CS070 | SAURABH KUMAR |



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| | | |
|-----|------------|---------------------|
| 59. | 1SB15CS072 | SHARAVATHI DJ |
| 60. | 1SB15CS074 | SHEELA L |
| 61. | 1SB15CS075 | SHIVAMMA |
| 62. | 1SB15CS076 | SHIVASHANKAR |
| 63. | 1SB15CS081 | SRILAKSHMI S |
| 64. | 1SB15CS083 | SUBHAM AGARWAL |
| 65. | 1SB15CS084 | SUBHASISH MOHAPATRA |
| 66. | 1SB15CS085 | SUJAY S |
| 67. | 1SB15CS086 | SUMA.N |
| 68. | 1SB15CS087 | SUMOL.S |
| 69. | 1SB15CS088 | SURYA PRAKASH.S |
| 70. | 1SB15CS093 | VIJAYA LAKSHMI B |
| 71. | 1SB15CS095 | VINODKUMAR L.T |
| 72. | 1SB15CS096 | VISHWAS MOHAN |



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| | | |
|-----|------------|------------------|
| 73. | 1SB15CS097 | VRISHAB M SHARMA |
| 74. | 1SB15CS098 | YUVARAJ K M |

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Date: 15.09.2017

Submitted,

Sub: Report on Web 2.0 workshop – Reg.

Department of Computer Science and Engineering in association with VENUS ELEVATOR SOLUTIONS PVT LTD organized a 2 days workshop on “**Web 2.0**” from 11/09/2017 to 12/09/2017. This workshop provided Hands on experience on web programming for the 4th Semester students.

The inaugural session started with lighting of the lamp by the dignitaries followed by invocation song. The dignitaries were Dr. Y. Vijayakumar, Principal, Dr. R. Arunkumar, Management Representative, Dr. B. Shadasharappa, Vice Principal, of our Institution.

Student Coordinator Miss. Swetha welcomed gathering and introduced the Resource person Mr. Rajashekhar, VENUS ELEVATOR SOLUTIONS PVT LTD, Dr. Y. Vijayakumar, Principal, presided the function and delivered the presidential address. In his address, he shared information about industry version 4.0 and boundary less learning. Dr. B. Shadasharappa, Vice Principal addressed the gathering. In his talk, he motivated the students for acquiring skills for the betterment. Dr. R. Arunkumar, Management Representative, encouraged the students for their participation in learning real time implementation of ideas through hands on beyond the syllabus. All the dignitaries were honored with bouquet as token of love and respect.

Students Explored several classes of Web 2.0 technologies, Understood how to enhance interactions in distance courses with Web 2.0 tools and learnt how to use Web 2.0 tools effectively to improve engagement and learning outcomes.

Feed back from the students about the workshop was good.


CO-ORDINATOR


HOD

3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, reseach, etc during the last five years (10)

| Sl. No. | Title of the linkage | Name of the partnering institution/ industry /research lab with contact details | Year of commencement | Duration (From-To) | Nature of linkage | Link of relavant document |
|----------------|---|---|----------------------|--------------------------|-------------------|---|
| 2016-17 | | | | | | |
| 10 | Seminar on Embedded system using Raspberry Pi | Loginware Softtec Private Limited | 2017 | 08/03/2017-08/03/2017 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 11 | PLC AND SCADA AUTOMATION Workshop | Prolific Systems & Automations Pvt. Ltd | 2017 | 06/04/2017 TO 07/04/2017 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 12 | Online test on python programming | Srisha Robotics Academy | 2017 | 17-03-2017 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 13 | Field trip | VENUS ELEVATOR SOLUTIONS P | 2017 | 21-01-2017 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 14 | Seminar on Aurdino | Impressiv Automation Services | 2016 | 20/10/2016-20/10/2016 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 15 | Seminar on MSP430 and its ap | M/S Edgate Technologies Pvt Ltd | 2016 | 23/08/2016-23/08/2016 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |



Department of Electronics & Communication Engineering

10.03.2017

Submitted,

Sub: Report on Seminar "Embedded system using Raspberry pi" on 8th of March 2017 for ECE students- Reg.

With respect to the above subject, we Department of Electronics & Communication Engineering organized seminar on "Embedded system using Raspberry pi" for the Final year students on 08.03.2017 in the college campus. The seminar brought together over 60 participants from 8th semester ECE students. The seminar was handled by a team of eminent resource persons from the respective field. The seminar provided an interactive atmosphere between the resource persons and the participants. The objective of the Program is to enhance the programming skills in embedded system design for the students to expose their knowledge to do projects in the new technology "IoT". Raspberry Pi is a simple controller to perform the tasks in a simplest way.

OBJECTIVE:

- Learn the basics of Internet of Things and its applications
- Build your computer using Raspberry Pi platform
- Work with DHT sensors

Sri. Thejesh. P, Founder & CEO, Loginware softtec Pvt Ltd. Hassan, Karnataka. The Chief Guest Sri. Thejesh. P was honoured with Bouquet by Principal Dr.Y.Vijayakumar, ssce anekal and Trainers of Loginware softtec pvt ltd, Er.Dharshan gowda, Embedded engineer Loginware softtec Pvt ltd, was honoured by Prof. R.Deepa;

The session was about the introduction to Raspberry pi, micro - controllers and embedded systems. Before interfacing the Raspberry pi with the sensors, Participants were made familiar with the terminal commands and the Rasbian Operating System which is the OS in the Raspberry Pi. Once Participants were familiar with the commands and Rasbian OS, they were trained to write a code in python, Since the program to interface must be written in python. Participants moved to write a program to interface an LED with Raspberry Pi - 0.

Since it was the first day for Participants to write a code in python and to work with raspberry Pi, and they were trained to trying out with many other possibilities with the same LED and a Push button.

Department of Electronics & Communication Engineering

Students Training Records

Title: Seminar "Embedded system using Raspberry pi"

Name of the Resource Person: Sri. Thejesh. P, Founder & CEO,
Loginware softtec Pvt Ltd. Hassan, Karnataka

Conducted on: 8th of March 2017

| Sl.No | Name of the Participant | Signature |
|-------|-------------------------|--------------|
| 1 | ABARNA R. J | Abarna. |
| 2 | ABINAYA SHREE . G | Abinaya. |
| 3 | ARUN KUMAR N | Arun Kumar. |
| 4 | ISHWARYA B | Ishwarya. |
| 5 | Bhavyashree H N | Bhavyashree. |
| 6 | CHAITHRA . S | Chaitre. |
| 7 | CHAITRA ONTAKAR | Chaitre |
| 8 | CHANDRASHEKAR C | Chandra |
| 10 | CHANDRASHEKAR S | Chandra |
| 11 | DILIP KUMAR M | Dilip. |
| 12 | Gnanesh Kumar K | Gnanesh. |
| 13 | GAYITHRI S P | Gayathri. |
| 14 | GRACY PRIYANKA D | Gracy. |
| 15 | GULZAR BEGUM | Gulzar. |
| 16 | HEMALATHA D | Hemalatha. |
| 17 | JEEVAN N R | Jeevan NR. |
| 18 | KASHYAP K.N | Kashyap. |
| 19 | KAVYA D S | Kavya C. P S |
| 20 | KAVYA G K | Kavya. |
| 21 | KAVYASHREE N V | Kavyashree. |
| 22 | KIRAN S | Kiran. |
| 23 | KISHORE KUMAR S | Kishore. |
| 24 | KUSUMA P | Kusuma |



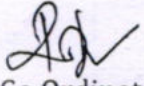
Department of Electronics & Communication Engineering

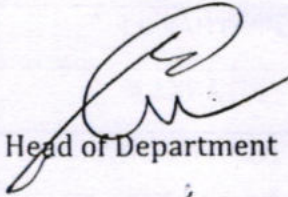
| | | |
|----|--------------------|------------------|
| 26 | MALAISELVAN G | Malaiselvan |
| 27 | MANJUSHREE B R | Manjushree |
| 28 | MANOJ H | Manoj |
| 29 | MANOJ KUMAR S | Manoj Kumar |
| 30 | MOHAMMAD IBRAHIM M | Mohammad Ibrahim |
| 31 | NAVYASHREE R | Navyashree |
| 32 | PAVITHRA N | Pavithra |
| 33 | PAVITHRA M | Pavithra |
| 34 | PRAJWAL H M | Prajwal |
| 35 | PRAKRUTHI P | Prakruthi |
| 36 | PRATHAP B P | Prathap |
| 37 | PRIYANKA N | Priyanka |
| 38 | PUNITH KUMAR N | Punith |
| 39 | Rahul Kolekar D | Rahul |
| 40 | Ranjitha .R | Ranjitha |
| 41 | RASHMI V | Rashmi |
| 42 | ROOPA M | Roopa |
| 43 | JAYANTH S | Jayanth |
| 44 | SANGEETHA B V | Sangeetha |
| 45 | .SANGEETHA V | Sangeetha |
| 46 | SHRUTHI G | Shruthi |
| 47 | SHUBHA L | Shubha |
| 48 | SINDHU R | Sindhu |
| 49 | SOUNDARYA R | Soundarya |
| 50 | SPURTHY A | Spurthy |
| 51 | SUDHA V | Sudha |
| 52 | SUSHMA V | Sushma |
| 53 | SUSHMITHA B.R | Sushmitha |



Department of Electronics & Communication Engineering

| | | |
|----|---------------------|------------|
| 55 | SWATI NAGARAJ MESTA | Swati |
| 56 | TEJASWINI A | Tejaswini |
| 57 | VANAJAKSHI M | Vanaja |
| 58 | VANDANA R | Vandana |
| 59 | VARSHA K J | Varsha |
| 60 | VEERESH. K R | Veeresh R. |


Co Ordinator


Head of Department

MEMORANDUM OF UNDERSTANDING

This memorandum of understanding (MoU) is made and entered into as of the 5th day of January 2017 by and between

Loginware Softtec Private Limited
#40/163, 1st Floor, Opp. Bharathi Associates
B M Bypass Road, Boovanahalli
Hassan, Karnataka, India - 573201
(Henceforth referred to as "Loginware" in this document),

And

Sri Sairam College of Engineering,
Sai Leo Nagar. Guddanahalli (Post), Anekal,
Bengaluru – 562 106.
(Henceforth referred to as "Sri Sairam College of Engineering" in this document)

Loginware and Dept. of ECE, **Sri Sairam College of Engineering**, on mutual agreement have decided to collaborate for a MoU. The MoU is to be signed with regards to the following articles and clauses:

Article I: Purpose and Scope

This article aims to explore the scope of a collaboration based on mutual interest and benefit (hereby referred to as the "Opportunity") and in connection with the opportunity, this document highlights points of general agreement that help establish common understanding.

Article II: Objectives

The primary purpose of this company will be embedded product research and development, to utilize a carefully designed and integrated set of training programs, entrepreneurship, development components, cooperative concepts and technology services to select and train individuals of tier II and tier III cities to become new generation skilled workers cum entrepreneurs and community builders.

The programs carried out in Loginware will attract, screen, motive, prepare and assist individuals of tier II and tier III cities to utilize effectively the new generation technology.

Loginware Softtec Pvt. Ltd.,

#40/163, 1st Floor, Opp. Bharathi Associates, BM Bypass Road, Boovanahalli, Hassan - 573201

M info@loginwaresofttec.com www.loginwaresofttec.com

☎ 08172 - 297179, +91 79969 90246/47

Specific Objectives of Loginware:

- 1) Creating a one-stop technology platform or a knowledge hub to support all kinds of technology needs of Tier II and III cities.
- 2) Make available at one location all of the essential technology facilities, training and support services needed by individuals of tier II and tier III cities.
- 3) Systematically create substantial number of new modern small business enterprises and worker cooperatives.
- 4) Generate economic growth and employment opportunities for youth and poor people in tier II and tier III cities.
- 5) As one of the fastest-growing innovators in the education technology and skill development space, Loginware sees great value in working with COLLEGE and developing this ecosystem of well-trained, practical and innovative Engineering graduates. By bringing in the combined expertise of industry professional from diverse technology streams, Loginware is well positioned to make this a win-win engagement.

Article III: Roles and Responsibilities of Loginware

As a practicing industry partner, Loginware will contribute in multiple capacities:

- ❖ Loginware will provide training and internships, based on trending developments of embedded systems, Internet of things and software solutions and as required by **Sri Sairam College of Engineering**.
- ❖ Loginware will provide open platform for the students to get in to the real time product development in the identified space provided at **Sri Sairam College of Engineering**.
- ❖ Loginware will provide training and workshops at **Sri Sairam College of Engineering** as per schedules provided by Institute at affordable fee from the student community.
- ❖ Loginware will also provide certificate of participation to those students of **Sri Sairam College of Engineering** who undergo training and workshops.

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- ❖ Technology support from Loginware for embedded systems research and development in Sri Sairam College of Engineering.
- ❖ Loginware will provide employment opportunity for the selected students who have undergone internship program.

Article IV: Roles and Responsibilities of Sri Sairam College of Engineering

Providing the availability of the **Computer Lab Infrastructure** (where the classes will be conducted) will be the responsibility of **Sri Sairam College of Engineering**.

Sri Sairam College of Engineering will also provide, subject to personnel and budgetary limitations and as may be mutually agreed upon:

- a) Internet, library facilities and other such requirements, which may be necessary for conducting the classroom sessions, workshops and other relevant events such as Hackathons, will be the responsibility of **Sri Sairam College of Engineering**.
- b) Relevant space to Loginware on the online / offline notice areas of the **Sri Sairam College of Engineering** for program related communications.
- c) Recognition to Loginware as "**Knowledge Partners**" for conducting classroom sessions, workshops and Research related to Embedded systems design and development, Industrial Internet of things, Web Development, App Development, Scientific Computing, Artificial Intelligence and other disciplines to be identified from time to time.
- d) Inviting Loginware to sponsor/participate in National/International workshops/conferences/seminars and other important technology/business meetings relevant to them.

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Article V: No Obligation

Each party understands and agrees that nothing herein requires either party.

- a) To disclose any confidential information, which shall be disclosed, if at all, solely at the discretion of the disclosing party subject of course to such conditions as may be thought fit.
- b) To proceed with the opportunity or any relationship in connection with which confidential information may be disclosed.

As used herein, the party disclosing Confidential Information is the "Disclosing Party" and the party receiving the confidential information is the "Recipient".

Article VI: No License

All of the Disclosing Party's Confidential Information shall remain the sole property of the Disclosing Party. Nothing in this MoU is intended to grant any rights to either party under a patent, copyright, trade secret or other intellectual property right of the other party, nor shall this MoU grant either party any rights in or to other party's Confidential Information except as expressly set forth herein. However could be arrived with suitable conclusion with mutual consent from both the parties.

Article VII: Permitted use

The recipient agrees that it shall use the Disclosing Party's confidential information solely for the purpose of evaluating the opportunity and shall not reverse engineer, disassemble or decompile any prototypes, software or other tangible objects which embody the Disclosing Party's Confidential Information unless explicit written consent to such actions is received from the Disclosing party.

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If such a prohibition is not permitted pursuant to applicable law, the recipient shall provide the Disclosing Party Written notice prior to undertaking any such reverse engineering and shall give the Disclosing party a reasonable amount of time to provide any interface information required by law prior to commencing such reverse engineering. If such interface Information is provided, then the recipient is prohibited from such reverse engineering.

Article VIII: MoU extensions

- a) This MoU may be supplemented by work plans to be developed jointly, which describe more specifically the activities to be carried out under this collaborative program and which set forth the envisaged contribution of each party.
- b) Sri Sairam College of Engineering and Loginware may name members of their respective staff to work out further details for proper and effective implementation of this MoU.
- c) Such details as agreed upon, including any other amendments, will be confirmed by exchange of letters between Sri Sairam College of Engineering and Loginware and such letters will form part of this MoU.
- d) These work plans will require the approval of both parties for implementation.

Article IX: MoU Revocation

Either party may terminate this MoU on 60 days' written notice to the other party. Termination may occur upon the breach of this MoU by one of the parties. A breach of this MOU includes, but is not limited to, a violation of the policies and rules of the Sri Sairam College of Engineering, the making of a misrepresentation or false statement by one of the parties, non-performance of the party's duties, or the occurrence of a conflict of interest between the parties. Each party has 30 days to cure the breach. If this MOU terminated during an academic term, students enrolled in classroom program/sessions under this MOU will be allowed to finish their coursework and receive appropriate certification.

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Article X: Effective Date and signatures

This MoU will be in effect initially for a period of 1 (one) year from the date of signing of this MoU by both parties after which it may be reviewed for possible extension.

In case of termination of the MoU, any obligations and commitments already contracted for and involving third parties shall be honored and continued by both parties until such commitments are completed.

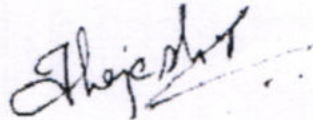
Signed and executed this day of 5th January 2017 by Sri Sairam College of Engineering and Loginware Softtec Pvt. Ltd for a period of five years with the signatures from both the parties below:

For Sri Sairam College of Engineering

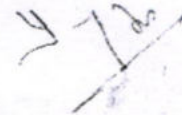
For Loginware Softtec Pvt. Ltd.,



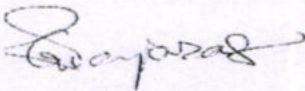
Prof. Sivaprakash. C
Prof and Head, Dept. of ECE
Sri Sairam College of Engineering
Sail Leo Nagar, Guddanahalli (P.O)
Anekal, Bengaluru- 562 106



Mr. Thejesh P
Founder/CTO
Loginware Softtec Private Limited
B M Bypass Road, Boovanahalli
Hassan, Karnataka - 573201

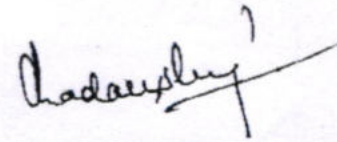


Dr. Y. Vijaya Kumar
Principal
Sri Sairam College of Engineering
Sail Leo Nagar, Guddanahalli (P.O)
Anekal, Bengaluru- 562 106



Prof, G V Raja
Assistant Professor, Dept. of ECE
Sri Sairam College of Engineering
Sail Leo Nagar, Guddanahalli (P.O)
Anekal, Bengaluru- 562 106

Witness



Dr. B. Shadaksharappa
Vice principal
Sri Sairam College of Engineering
Sail Leo Nagar, Guddanahalli (P.O)
Anekal, Bengaluru- 562 106

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Anekal, Bengaluru



PROGRAM SCHEDULE

Inauguration

PLC, SCADA and Automation Systems

6th to 7th April 2017

| TIME | PROGRAMME |
|----------|---|
| 09:30 AM | Invocation |
| 09:35 AM | Welcome Address Dr. Y Vijayakumar Principal, SSCE |
| 09:55 AM | Chief Guest Address Mr. Shiva Shankar Branch Manager, Prolific Systems and Technologies Pvt. Ltd, Bangalore |

INNOVATION AND ENTREPRENEURSHIP DEVELOPMENT
CENTRE (IEDC)



S^{ai} SAIRAM COLLEGE OF ENGINEERING

(formerly SHIRDI SAI ENGINEERING COLLEGE)
Managed by Saphagiri Educational & Charitable Trust



Approved by AICTE, New Delhi, Recognized by Govt. of Karnataka & Affiliated to Visvesvaraya Technological University, Belgaum.
Campus : Sai Leo Nagar, Guddanahalli (PO), Anekal, Bangalore - 562 106. Tel: +91-80-27830221, 27840631 / 632. Fax: +91-80-27830355.

www.sairamce.edu.in

Founder Chairman: MJF. Lion. Leo Muthu

To,

PRADEEPKUMAR T
Prolific Systems and Technologies Pvt. Ltd,
Bangalore

Dear Sir,

SUB: Letter of Gratitude-Reg.

On behalf of Management, Staff & Students, We wholeheartedly thank you for having accepted our invitation for being the Trainer on 2 Days Workshop on "PLC, SCADA AND AUTOMATION" ON 6th AND 7th APRIL 2017 at our college premises. Our profuse thanks for the hands on training in the workshop.

We once again express our Gratitude for conducting the workshop.

Thanks for your time and participation.

Thanking you

Malini K V
Ms. Malini K V

Asst. Prof. & HOD EEE
IEDC Coordinator

With regards,

Dr. Y. Vijayakumar
Principal
Dr. Y. Vijayakumar



S^{ru} SAIRAM COLLEGE OF ENGINEERING

(formerly SHIRDI SAI ENGINEERING COLLEGE)
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Campus : Sai Leo Nagar, Guddanahalli (PO), Anekal, Bangalore - 562 106. Tel: +91-80-27830221, 27840631 / 632. Fax: +91-80-27830355.

www.sairamce.edu.in

Founder Chairman: MJF. Lion. Leo Muthu

To,

BOOPATHYRAJAN D
Prolific Systems and Technologies Pvt. Ltd,
Bangalore

Dear Sir,

SUB: Letter of Gratitude-Reg.

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Ms. Malini K V

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With regards,

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Dr. Y. Vijayakumar

Sairam



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www.sairamce.edu.in

Founder Chairman: MJF. Lion. Leo Muthu

To,

SAKTHIVEL C
Prolific Systems and Technologies Pvt. Ltd,
Bangalore

Dear Sir,

SUB: Letter of Gratitude-Reg.

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Thanking you

Malini K V
Ms. Malini K V
Asst. Prof. & HOD EEE
IEDC Coordinator

With regards,

[Signature]
Principal
Dr. Y. Vijayakumar

Sairam



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Founder Chairman: MJF. Lion. Leo Muthu

To,

VENKATESHKUMAR P
Prolific Systems and Technologies Pvt. Ltd,
Bangalore

Dear Sir,

SUB: Letter of Gratitude-Reg.

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Malini K V
Ms. Malini K V

Asst. Prof. & HOD EEE
IEDC Coordinator

With regards,

[Signature]
Principal
Dr. Y. Vijayakumar

Prolific Systems & Technologies Pvt.Ltd
www.prolifictraining.com

Bangalore

Profile of Faculties

| | |
|--|--|
| Name of the Faculty | Mr.Shiva Shankar ,Branch Manager ,Prolific systems and technologies pvt ltd ,Bangalore |
| Qualification | B.E , UVCE ,Bangalore ,(1968) |
| Industrial Experience | a) 38years,Vishveshwaryya Iron & Steel industry Ltd (SAIL) |
| Teaching Experience in Automation Field | b) 11 years in Industrial Instrumentation 1)Conducted Corporate training programmes for leading Public Sector And private sector companies in India and abroad. 2)Conducted training programmes in middle east countries like Oman, Saudi etc in instrumentation and basic automation. |

| | |
|--|---|
| Name of the Faculty | Mr.Kalaikovan,Technical Asst Manager,Prolific systems and technologies pvt ltd ,Bangalore |
| Qualification | B.E.(Instrumentation& Controls),Saranathan college of Engineering,Trichy,Tamil Nadu |
| Training Undergone | Industrial Automation |
| Industrial Training | Trained at Prolific systems and technologies pvt ltd, Bangalore |
| Teaching Experience in Automation Field | 10 Years. Conducted workshops at Sir MVIT, New Horizon College and various colleges under VTU in Karnataka and Anna University in Tamil Nadu e.t.c and, Corporate, Professionals from Nigeria, Oman, Sudan etc |

| | |
|--|--|
| Name of the Faculty | Mr.Anil Kumar.N.S |
| Qualification | B.E.(Inst.Technology), BIET,Davangere, karnataka |
| Training Undergone | Industrial Automation |
| Industrial Training | M.C.F.L, Mangalore |
| Teaching Experience in Automation Field | 6 Years. Conducted workshops at KLE ,Hubli, CIT, KNSIT and various colleges under VTU in Karnataka and corporate Professionals from Nigera, Sudan etc |

| | |
|--|---|
| Name of the Faculty | Mr.Venkatesh kumar.P |
| Qualification | ME(Communication systems) Hindustan University, Chennai |
| Training Undergone | Trained at prolific systems and technologies pvt ltd, Bangalore |
| Industrial Training | 5 Years in Automation |
| Teaching Experience in Automation Field | 5 years. Conducted training for professionals from various Public Sector And private sector companies in India and various Engineering colleges under VTU. |

| | |
|--|--|
| Name of the Faculty | Mr.Abhilash.R |
| Qualification | B.E.(ECE),LBS College of engineering, Kerala |
| Training Undergone | Industrial Automation |
| Industrial Training | Trained at prolific systems and technologies pvt ltd, Bangalore |
| Teaching Experience in Automation Field | 2 Years in Automation Conducted training for professionals from various Public Sector And private sector companies in India and various Engineering colleges under VTU. |

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BANGALORE

In association with

SRI SAIRAM COLLEGE OF ENGINEERING,
BANGALORE

This is to certify that

Mr. / Ms.

Asst. Prof, Department of Electrical & Electronics Engineering, Sri Sairam College of Engineering, Bangalore, has attended Two days Workshop on "Programmable Logic Controller (PLC) and SCADA Automation" organized by Prolific systems & Technologies Pvt. Ltd, Bangalore on 6th and 7th April 2017.

HOD, EEE

PRINCIPAL



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- > An Affiliate of Aref Group (Kuwait)
 - > Funded by Can Bank, VC Fund, owned by Canara Bank
- Visit us at : www.prolifictraining.com

2 DAYS PLC, SCADA AND AUTOMATION WORKSHOP-6TH AND 7TH APRIL 2017

The departments of electrical and electronics engineering and mechanical engineering conducted 2 days workshop on "PLC, SCADA AND AUTOMATION" by Prolific systems ,NSDC,govt. of india certified trainers who is one of the leading training and implementation body in the field of PLCs and related systems as a part of the MOU signed with IEDC.

The training session was inaugurated in seminar hall with the formal introduction and honouring of the guests. Principal Dr.Y. Vijayakumar addressed the students and emphasized on the importance of automation in the manufacturing industries and importance of PLC series.

The chief guest Mr. Shivashankar spoke about the scenario in the manufacturing industries and the fast changing scenario in the field of automation. The importance of training in PLC series and the job opportunities with it.

The speaker Mr. Rajanekanth srivatsava , industrial consultant highlighted the start up culture and the innovative thinking among student community which india is embracing for a better future of engineers, the govt. promotions and schemes to support it.

The trainers **Mr.Abhilash.R, Mr.Venkatesh kumar.P, Mr.Nandhakumar.N and Mr.Aref** trained the students on MITSUBHISHI PLC SERIES AND SCADA programming using ladder programming. 101 students from Mechanical branch and 52 students from EEE branch were trained under the workshop.

The workshop was concluded with a feedback session from the students who expressed that the training was very helpful and interesting. They also expressed in the advanced training in the area which was assured in the coming days appropriately.

2 DAYS PLC, SCADA AND AUTOMATION WORKSHOP-6TH AND 7TH APRIL 2017

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Department of Electrical & Electronics Engineering

Workshop conducted during 2017-18

1. Two Days Workshop on PLC, SCADA & Automation Systems by Mr. Shivashankar, Branch Head, and his team of Trainers PROLIFIC Industries & Automation PVT Ltd, Bangalore, organised by Department of EEE & MECH held from 6th to 7th April, 2017.



2. One day hands on Workshop program on INDUSTRY 4.0 by Mr. Harish Ravi, CEO, BIASS, BANGALORE in association with ISTE and IEI Student chapter, Organized by EEE Dept on 3rd September 2018.



3. 7 days workshop on "PCB Design and Simulation" has been organized by Electrical and Electronics Engineering Department in association with PROLIFIC Industries and Automation Pvt Limited from 21/03/2018 to 27/03/2018





Department of Computer Science & Engineering

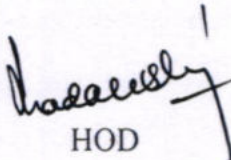
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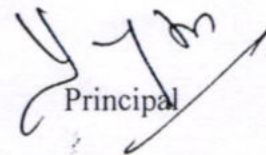
Circular

Sub: Online Contest on Python Programming –reg

With reference to the above subject, it is hereby brought to the notice of all students of Computer Science and Engineering Department that the Online Contest on “Python Programming” scheduled on 17.03.2017. Students are cordially invited to participate in full strength to make the use of the online contest effectively.


Faculty Coordinator


HOD


Principal



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Anekal, Bengaluru



Dept. of CSE

Department of Computer Science & Engineering

Date: 17.03.2017

Submitted:

Sub: Report on online contest – Reg.

Department of Computer Science & Engineering conducted Online Contest for CSE Students on 17th March 2017. This test is organised under Srisha Robotics Academy, as per the MOU of departments of Computer Science & Engineering.

The Python online test assesses candidate knowledge of programming in the Python language and understanding of its native data structures.

It's an ideal test for pre-employment screening. Good Python developer needs to be able not only to solve problems using Python as the programming language but also be familiar with Python native data structures and language constructs. This online test requires candidates to solve coding problems in Python as well as to find and fix bugs in a Python program.

It provides a competitive advantage to students by enabling them to learn, analyze and apply the theoretical concepts acquired in a classroom environment by making it more exciting, relevant, and valuable to the student. The objective of the contest is to increase the knowledge-base of future engineers so that they interact with industry-standard technology before they graduate and develop the skills needed to tackle tomorrow's most challenging problems.

The contest was conducted in a two step process. The registration for the students to participate in contest started at 10.00 am. And the test was conducted ONLINE in our campus between 10.30 am to 11.30 am.

A total of 47 students were participated in the test.

Coordinator
Sheela Devi M

Head of the Department

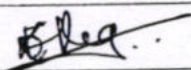
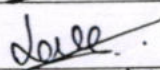
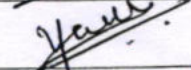
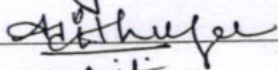
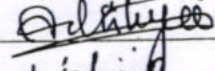
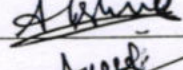


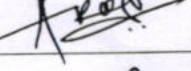

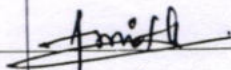
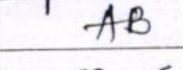
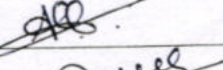
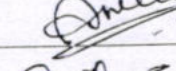
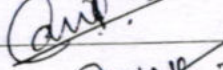
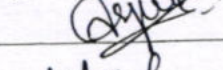
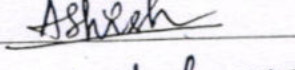
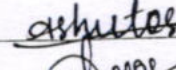
Department of Computer Science & Engineering

Students Training Records

Title: Python online contest

Name of the Resource: Srisha Robotics Academy Team

Conducted on: 17/03/2017

| SL.NO | USN | NAME OF THE STUDENT | SIGNATURE |
|-------|------------|------------------------|---|
| 1. | 1SB15CS030 | ESHAN GUPTA |  |
| 2. | 1SB15CS045 | LAVANYA.V |  |
| 3. | 1SB16CS001 | A YUVASHRI |  |
| 4. | 1SB16CS002 | ADITHYA PRABHU |  |
| 5. | 1SB16CS003 | ADITYA CHAUHAN |  |
| 6. | 1SB16CS004 | AISHWARYA L |  |
| 7. | 1SB16CS005 | AJITH KUMAR K |  |
| 8. | 1SB16CS006 | AKHILA L |  |
| 9. | 1SB16CS007 | AKSHATHA ASHOKA KASARA |  |
| 10. | 1SB16CS009 | AKSHAYA TR |  |
| 11. | 1SB16CS011 | AMIT KUMAR |  |
| 12. | 1SB16CS012 | ANAND G R | AB |
| 13. | 1SB16CS013 | ANEELA |  |
| 14. | 1SB16CS014 | ANEES M |  |
| 15. | 1SB16CS015 | ANGEL J |  |
| 16. | 1SB16CS017 | ARJUN R |  |
| 17. | 1SB16CS018 | ASHISH |  |
| 18. | 1SB16CS019 | ASHUTOSH KUMAR |  |
| 19. | 1SB16CS020 | ASHWINI K |  |



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Dept. of CSE

Department of Computer Science & Engineering

| | | | |
|-----|------------|-------------------------|-------------------|
| 20. | 1SB16CS021 | B ABINAYA | <i>Abinaya</i> |
| 21. | 1SB16CS022 | BHARGAVI KN | <i>Bhargavi</i> |
| 22. | 1SB16CS023 | BHAVANI CHOWDARY | <i>Bhavani</i> |
| 23. | 1SB16CS024 | BHAVANI V K | <i>Bhavani</i> |
| 24. | 1SB16CS025 | BIJOY KUMAR GUPTA | <i>Gupta</i> |
| 25. | 1SB16CS028 | DARSHINI M | <i>Darshini</i> |
| 26. | 1SB16CS029 | DEEPAK KUMAR | <i>Deepak</i> |
| 27. | 1SB16CS030 | DEVANSHU PRIYAM | <i>Devanshu</i> |
| 28. | 1SB16CS031 | DHANAN JAYAN S | <i>Dhanan</i> |
| 29. | 1SB16CS032 | DHANUSH M | <i>Dhanush</i> |
| 30. | 1SB16CS035 | GELASAM VYSHNAVI | <i>Gelasam</i> |
| 31. | 1SB16CS036 | GOVIND KUMAR THAKUR | <i>Govind</i> |
| 32. | 1SB16CS037 | HARISH S | AB |
| 33. | 1SB16CS038 | HARSHITHA S | <i>Harshitha</i> |
| 34. | 1SB16CS039 | HULUGAPPA H | <i>Hulugappa</i> |
| 35. | 1SB16CS040 | JASWANTH VISHAL P | <i>Jaswanth</i> |
| 36. | 1SB16CS041 | JEETHENDRA PRASAD KH | <i>Jeethendra</i> |
| 37. | 1SB16CS043 | K TEJASRI | <i>Tejasri</i> |
| 38. | 1SB16CS044 | KAVITHA R S | <i>Kavitha</i> |
| 39. | 1SB16CS045 | KAVYA N | <i>Kavya</i> |
| 40. | 1SB16CS046 | KRIAN | <i>Krian</i> |
| 41. | 1SB16CS047 | KUMAR S | <i>Kumar</i> |
| 42. | 1SB16CS048 | M MONISHA | <i>Monisha</i> |
| 43. | 1SB16CS049 | MAHAVEER SAHU | <i>Mahaveer</i> |



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Dept. of CSE

Department of Computer Science & Engineering

| | | | |
|-----|------------|------------------------|-----------------|
| 44. | 1SB16CS050 | MAMATHASHREE S | <i>Wahane</i> |
| 45. | 1SB16CS051 | MEGHANA M | <i>Meghana</i> |
| 46. | 1SB16CS052 | MUHAMMED ARSHAD KP | <i>Muhammed</i> |
| 47. | 1SB16CS053 | MUKUL KUMAR | <i>Mukul</i> |
| 48. | 1SB16CS054 | N.SASIKALA | <i>AS</i> |
| 49. | 1SB16CS055 | NAMRATHA C S KAKADE | <i>Namrata</i> |
| 50. | 1SB16CS056 | NAVEEN RS | <i>Naveen</i> |

H. S.
Coordinator

Naveen
Head of Department



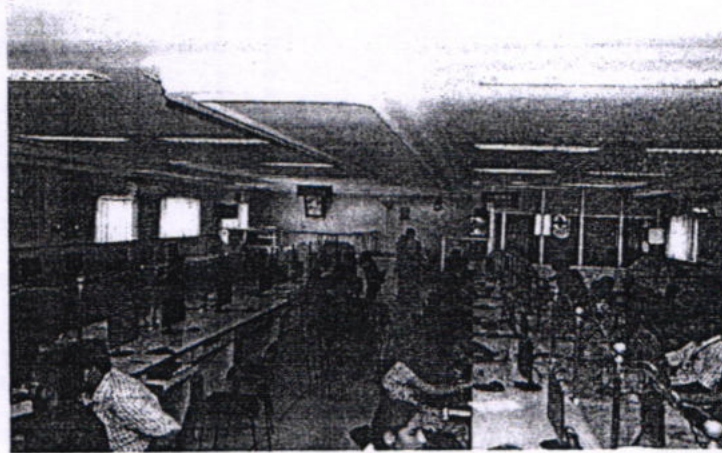
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Dept. of CSE

Department of Computer Science & Engineering



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Kalyana Nagar, HRBR Layout, 1st Block
Bangalore - 560 043, INDIA
Tel : +91-80-4115 5562 Fax : +91-80-4111 9481
e-mail : sasihharreddy_p@yahoo.com
website : venusellevators.com



Memorandum of Understanding

This MOU IS MADE AND EXECUTED on this day of **8th Aug 2016** between **Venus Elevator Solutions Pvt. Ltd.**, a Company registered under The Companies Act, 1956, having its registered office at #14/1 & 1085/2, 9A Main road , 1st Cross, 1st Block, Kalyana Nagar, HRBR Layout, Bangalore - 560043

AND

Sri Sairam College of Engineering, Bangalore an entity incorporated under the laws of India and having its Principle place of activity at Bangalore, India represented by its Principal

Sri Sairam College of Engineering, Bangalore and Elevator Solutions Pvt. Ltd. shall be hereinafter be collectively referred to as "**Parties**" and individually as "**Party**"

The aim of this MoU is to promote academic and industrial collaboration between two organizations.

Both the organizations agree to encourage and develop to the following collaborative activities in academic and industrial projects on the basis of reciprocity.


- 1. Seminar, Guest Lectures & Workshop
- 2. Field Trip/Industrial Visit
- 3. Student Exchange Programme

Agreement Validity

- 1. This MoU shall come in to effect from date of execution of agreement and shall remain in effect for a period of twelve (12) months. After a period of twelve months, MOU can be further extended on mutual agreement.
- 2. Either Party shall have the right to terminate this MoU by giving ninety (90) days prior written notice to the other Party.

IN WITNESS WHEREOF PARTIES HERE TO HAVE ENTERED INTO THIS AGREEMENT EFFECTIVE AS ON THE DATE AND YEAR FIRST WRITTEN ABOVE


PRINCIPAL
Sri Sairam College Of Engineering
Sai Leo Nagar, Siddanahalli Post,
Anekal, Bengaluru - 562 106

For Venus Elevator Solutions Pvt. Ltd.

Authorized Signatory



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E-mail: jaiimas@yahoo.com, imtekhsr@yahoo.com.

15

MEMORANDUM OF UNDERSTANDING

SRI SAIRAM COLLEGE OF ENGINEERING, ANEKAL

And

IMPRESSIV AUTOMATION SERVICES, HOSUR

This Memorandum of Understanding (MOU) is entered into on this 8th day of August, 2016 by and between College and company for the period of one year from the date of MOU Signed, Sri Sairam College of Engineering and Impressiv Automation Services agree that cooperation in research collaborations and student and faculty exchanges would be mutually beneficial. The areas of cooperation may include, subject to mutual consent, any desirable and feasible activity that would further the goals of each institution. Such interaction may include cooperation in a variety of joint academic and educational activities such as:

- Joint research projects and publications, including work by undergraduate, graduate, and post- doctoral students at the partner institutions;
- Reciprocal placement of students in paid internships and co-ops, when possible;
- Joint conferences and workshops;
- Team taught courses

The parties anticipate that a number of these initiatives will occur during the period of this MOU. However, neither party is obligated to agree to any minimum number of activities, nor is this MOU intended to preclude either party from entering into similar agreements with other institutions.

The following initiatives provide good starting places and can be implemented as soon as administrative details are agreed upon between the two institutions:

- Summer undergraduate experiences;
- Faculty and student exchanges and opportunities for paid internships;
- Cooperation in academic and research programs to include, but not limited to, sustainability and biomedical sciences and engineering.

This MOU shall be identified as the parent document of any program agreement executed between the parties. Further agreements concerning any program shall provide details concerning the specific commitments made by each party and shall not become effective until they have been reduced to writing, executed by the duly authorized representatives of the parties.

Authorized Signatories:

Authorized Signatory from the Institution:

Authorized Signatory from the Company:



Sri SAIRAM
COLLEGE OF ENGINEERING
Formerly Shirdi Sai Engineering College

ISO 9001 : 2008 Certified Institution
Approved by AICTE, New Delhi
Recognised by Govt. of Karnataka & Affiliated to VTU, Belgaum
Anekal, Bengaluru



Dept. of ECE

Department of Electronics & communication Engineering

Date: 22.10.2016

Submitted,

Sub: Report on Arduino Seminar – Reg.

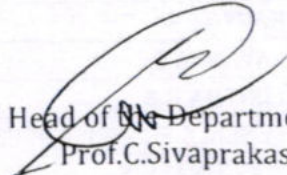
Over the years, Arduino have been the brain of thousands of projects, from everyday objects to complex scientific instruments due to its simple and accessible user interface. In order to make the students acquainted with Arduino, Department of Electronics and Communication Engineering in association with Impressiv Automation Services, Hosur organized a 1-day Seminar on "Arduino" on 20.10.2016 transform their innovative ideas into reality as projects for the 5th Semester students. The Speaker for the session was Mr.Jayashankar , Impressiv Automation Services,Hosur.The seminar was conducted under the MOU signed between Imperssiv Automation and Sairam College og Engineering.

Student Coordinator Sachin Kumar G K of V Semester welcomed gathering and introduced the Resource person Mr. Mohan Kumar, Dr. Y. Vijayakumar, Principal, presided the function.

Later the session started. Students were introduced by giving brief description on the basic coding required for coding Arduino UNO. Home Automation which is an upcoming field in the designing of houses was taught to the students. In this, he showed them how we can control the switches using our phone via Bluetooth module. Additional knowledge of proximity sensor was also provided to the students.

With the help of this Seminar, Impressiv Automation Services has tried to instill a basic knowledge of Arduino on students which will be very useful to them for their future projects. Around 45 students of second year attended the program.


Coordinator
Savitha H S


Head of the Department
Prof.C.Sivaprakash



Department of Electronics & communication Engineering

Students Training Records

Title: Arduino Seminar

Name of the Resource Person: Mr.Jayashankar , Impressiv Automation Services,Hosur

Conducted on: 20.10.2016

| Sl.No | Name of the Participant | Signature |
|-------|-------------------------|-----------------|
| 1 | AADHITHYARAM S | Aadhi |
| 2 | ADARSH H.S | Adarsh |
| 3 | AKSHAYAA D | Akshaya |
| 4 | ANNAPURNA S | Annapurna |
| 5 | ANUSHA SURESH D.S | Anusha |
| 6 | ARCHANA N | Archana |
| 7 | ARPITHA R | Arpitha |
| 8 | ASHA R | Asha |
| 10 | VARALAKSHMI B.R | Varalakshmi |
| 11 | BHUVANESHWARI S | Bhuvaneshwari |
| 12 | BINDHIYA B.S | Bindhiya |
| 13 | BINDHU S | Bindhu |
| 14 | CHAITRA L | Chaitra |
| 15 | CHANDANA R | Chandana |
| 16 | DEEKSHA V | Deeksha |
| 17 | DHANVANTHI P | Dhanvanti |
| 18 | DILIP KUMAR.N C | Dilip |
| 19 | HARIHARAN.S P | Hariharan |
| 20 | SHYAM SAI PAVAN KUMAR J | Shyam Sai Pavan |
| 21 | JAYARAMANAN S | Jayaraman |
| 22 | KAJANTHINI K | Kajanthini |
| 23 | KALPANA.M M | Kalpana |
| 24 | KAVYA S.B | Kavya |
| 25 | LAVANYA S | Lavanya |
| 26 | LIKITHA H B | Likitha |
| 27 | FENELLA FRANCIS LOPEZ | Fenella |
| 28 | MANJUNATH K | Manjunath |
| 29 | MEGHA. D | Megha |
| 30 | MEGHASHREE C.R | Meghashree |
| 31 | MUJASIM PASHA I | Mujasim |
| 32 | Ezhil Murugan C | Ezhil |



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Anekal, Bengaluru



Dept. of ECE

Department of Electronics & communication Engineering

| | | |
|----|---------------------|-------------|
| 35 | NAVYA N | Navya |
| 36 | NITHYA N | Nithya |
| 37 | NITHYASHREE R V | Nithyashree |
| 38 | OBIREDDY PRASOONA O | Prasoon |
| 39 | PALLAVI U | Pallavi |
| 40 | PAVANA M | Pavana |
| 41 | POOJA LAKSHMI S | Pooja |
| 42 | PRATHIBHA R | Prathiba |
| 43 | PREETHI L K | Preethi |
| 44 | RADHA R | Radha |
| 45 | RAJEEV | Rajeev |

Handwritten initials

Co Ordinator

Handwritten signature

Head of Department



Sri SAIRAM COLLEGE OF ENGINEERING

(An ISO 9001 certified institution) Formerly SHIRDI SAJ ENGINEERING COLLEGE

Managed by Sapthagiri Educators' & Charitable Trust

Approved by AICTE, New Delhi. Recognized by Govt. of Karnataka & affiliated to Manna Institute of Technological University, Bangalore

Correspondence: Sai Leo Nagar, Guddanahalli (PO), Anekal, Bangalore - 562 106. Tel: +91-90-27830221, 27840635 / 632. Fax: +91-90-27830256.



Memorandum of Understanding

Pure MCU Teaching Lab training in Sri Sairam College of Engineering

This memorandum of understanding is signed on the 10th day of August 2016, between the following institutions,

1. M/s EdGate Technologies Pvt Limited which is the University Program Partner of Texas Instruments, India
2. Sri Sairam College of Engineering, Sai Leo Nagar, Guddanahalli (Post), Anekal, Bengaluru - 562106.

This Memorandum of Understanding is proposed in order to train the students and staff members using MSP430 Launch pad in Sri Sairam College of Engineering, Bengaluru for the period of 1 year from the date of MoU signed.

Through this Memorandum of Agreement, the two parties agree to the following.

- (a) A steering committee will be set up to monitor the activities of the MoU. The committee will consist of the Mr.Gurpreet Singh of M/s EdGate Technologies Pvt Limited and Prof. C. Sivaprakash, Professor & Head, Dept. of Electronics & Communication Engineering of Sri Sairam College of Engineering, with mutual consent, the steering committee can be expanded to include more members from the two institutions. The steering committee will be the supreme body as far the implementation of the activities of the MoU, the continuation of the MoU, and termination of the MoU are concerned.
- (b) Training : The College will utilize the established lab facility with MSP430 in existing lab by "Texas Instruments Lab" EdGate Technologies Pvt Limited for training the students and staff members in the respective field.
- (c) Curriculum: The College will explore ways to introduce a lab based courses using Texas Instruments TI Platforms in their undergraduate engineering curriculum.
- (d) Faculty Development Program: Under University Program EdGute Technologies and TE will organize faculty development program at the premises of the college to help the faculty members in teaching Microcontrollers using MSP430 kit, the college will provide the infrastructure and other facilities to conduct event successfully.
- (e) Workshops/Events: if the College wishes to organize a national event in the area of TI Platform, EdGate Technologies Pvt limited /TI will provide speakers.
- (f) Publicity through Media: The college does not publicize the event to other external communication about the MOU in electronic or print media without explicit permission from EdGate Technologies Pvt Limited Texas Instruments. In case the college/University wants to do so a prior approval from Texas Instruments and EdGate Technologies Pvt limited is required.

Authorized Signatories:

1. Authorized Signatory from the Institution :

[Signature]
Principal
Sri Sairam College of Engineering
Anekal, Bangalore - 562106

2. Authorized Signatory from the Company :

[Signature]

Sairam



Department of Electronics & Communication Engineering

Date: 24.09.2016

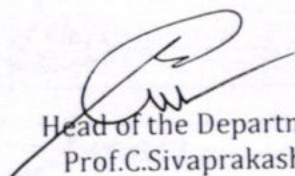
Submitted:

Sub: Report on Seminar on MSP430 and its Applications – Reg.

Department of Electronics and Communication Engineering conducted Drishti Online Contest for the 3rd year and 2nd year ECE Students on 23rd September 2016. This seminar is organised under Texas Instruments University Program with the support of M/S Edgate Technologies, as per the MOU between the department of Electronics and Communication Engineering and M/s Edgate technologies.

Mr. Vinay of M/s Edgate Technologies explained the students about MSP430 was introduced in the late 1990s by Texas Instruments, although its ancestry goes back to the 4-bit. In summary, it is a particularly straightforward 16-bit processor with a von Neumann architecture, designed for low-power applications. Both the address and data buses are 16 bits wide. The registers in the CPU are also all 16 bits wide and can be used interchangeably for either data or addresses. This makes the MSP430 simpler than an 8-bit processor with 16-bit addresses. Such a processor must use its general-purpose registers in pairs for addresses or provide separate, wider registers. This system clearly needs a lot of components, including several integrated circuits. The project was designed this way for pedagogical reasons, to pull together functions that had been covered in other courses that students had taken on analog electronics, embedded systems, digital electronics, circuits, and so on. It was not intended as a practical product, although weighing machines would have been designed this way in the past. The seminar gave more practical knowledge about MSP430 and its applications. Around 45 students of ECE attended the Seminar.


Coordinator
Aruna R


Head of the Department
Prof.C.Sivaprakash



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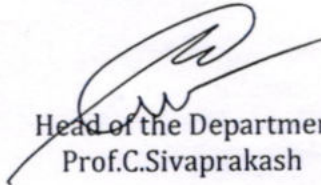


Dept. of ECE

Department of Electronics & Communication Engineering

| | | |
|----|----------------------|------------------------------|
| 38 | MANJUNATH.S.CHOUDHRI | <i>Manjunath S. Choudhri</i> |
| 39 | MANJUNATHA.S.B | <i>Manjunath S. B.</i> |
| 40 | MANNAVA HARITHA | <i>Mannaiva Haritha</i> |
| 41 | MOHAMMED SAWOUD U ZA | <i>Mohammed Sawoud U Za</i> |
| 42 | NAGENDRA.P.HEBBAR | <i>Nagendra P. Hebbar</i> |
| 43 | NAVEEN NAYAKA.N | <i>Naveen Nayaka N.</i> |
| 44 | NAVYA.R | <i>Navya R.</i> |
| 45 | NAVYASHREE.A | <i>Navyashree A.</i> |

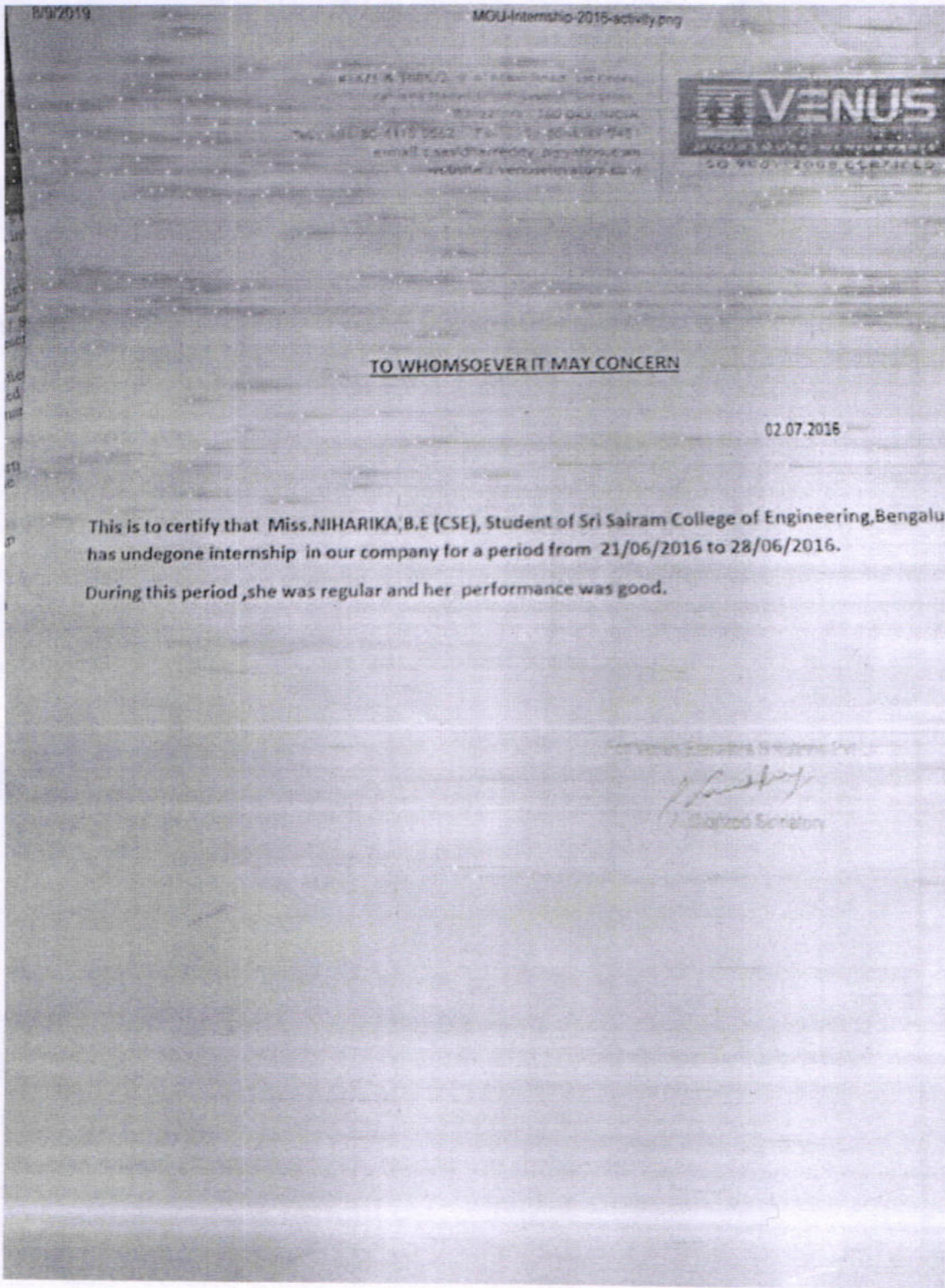

Coordinator
Aruna R


Head of the Department
Prof.C.Sivaprakash

3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, reseach, etc during the last five years (10)

| Sl. No. | Title of the linkage | Name of the partnering institution/ industry /research lab with contact details | Year of commencement | Duration (From-To) | Nature of linkage | Link of relavant document |
|---------|--|---|----------------------|-----------------------|-------------------|---|
| 2015-16 | | | | | | |
| 16 | Internship | VENUS ELEVATOR SOLUTIONS P | 2016 | 21/06/2016-28/06/2016 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 17 | workshop on design and developement of IOT | Loginware Softtec Private Limited | 2016 | 19/02/2016-23/02/2016 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 18 | Career Guidance programme | Srisha Robotics Academy | 2016 | 04-11-2016 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 19 | Seminar on Introduction to Industry 4.0 | Loginware Softtec Private Limited | 2016 | 23/03/2016 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 20 | Skill development programme | HA EGL Technologies | 2015 | 24/07/2015 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 20 | Guest Lecture programming sk | HA EGL Technologies | 2015 | 24/07/2015 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 21 | Workshop on communication | HA EGL Technologies | 2016 | 15/04/2016 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |

18/16



TO WHOMSOEVER IT MAY CONCERN

02.07.2016

This is to certify that Miss.NIHARIKA,B.E (CSE), Student of Sri Saiaram College of Engineering,Bengalu has undegone internship in our company for a period from 21/06/2016 to 28/06/2016.

During this period ,she was regular and her performance was good.

[Handwritten Signature]
Authorized Secretary

#14/1 & 1085/2, 9 'A' Main Road, 1st Cross,
Kalyana Nagar, HRBR Layout, 1st Block,
Bangalore - 560 043. INDIA
Tel : +91-80-4115 5562 Fax : +91-80-4111 9481
e-mail : sasihharreddy_p@yahoo.com
website : venuselevators.com



Memorandum of Understanding

This MOU IS MADE AND EXECUTED on this day of 5th Aug 2015 between Venus Elevator Solutions Pvt. Ltd., a Company registered under The Companies Act, 1956, having its registered office at #14/1 & 1085/2, 9A Main road , 1st Cross, 1st Block, Kalyana Nagar, HRBR Layout, Bangalore- 560043

AND

Sri Sairam College of Engineering, Bangalore an entity incorporated under the laws of India and having its Principle place of activity at Bangalore, India represented by its Principal.

Sri Sairam College of Engineering, Bangalore and Elevator Solutions Pvt. Ltd. shall be hereinafter be collectively referred to as "Parties" and individually as "Party"

The aim of this MoU is to promote academic and industrial collaboration between two organizations.

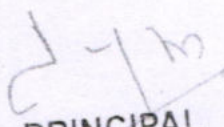
Both the organizations agree to encourage and develop to the following collaborative activities in academic and industrial projects on the basis of reciprocity.

1. Providing Internships to the students for developing thier knowledge.
2. Allowing students to work on live projects in the industry.
3. Any other collaborative efforts that may deem beneficial to both organizations.
4. Guiding the students in their academic projects.

Agreement Validity

1. This MoU shall come in to effect from date of execution of agreement and shall remain in effect for a period of twelve (12) months. After a period of twelve months, MOU canbe further extended on mutual agreement.
2. Either Party shall have the right to terminate this MoU by giving ninety (90) days prior written notice to the other Party.

IN WITNESS WHEREOF PARTIES HERE TO HAVE ENTERED INTO THIS AGREEMENT
EFFECTIVE AS ON THE DATE AND YEAR FIRST WRITTEN ABOVE


PRINCIPAL
Sri Sairam College Of Engineering
Sai Leo Nagar, Guddanahalli Post,
Anekal, Bengaluru - 562 106

For Venus Elevators Solutions Pvt Ltd


Authorized Signatory



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

28.02.2016

Submitted,

Sub: Report on Hands on "Design and Development of IOT using Raspberry Pi" during 19th to 23rd February 2016 for 4th semester ECE - reg.

With respect to the MOU Signed between Department of Electronics and Communication Engineering and Loginware Softeq Private Limited organized 5 days hands on "Design and Development of IoT using Raspberry Pi" during 19th to 23rd February 2016 for 4th semester ECE students in the college campus. The workshop brought together over 50 participants from 4th semester ECE students. The workshop was handled by the eminent resource persons from the respective field.

Objective:

- Learn the basics of internet of things and its applications
- Build your computer using Raspberry Pi platform
- Work with DHT sensors
- Setup IoT connectivity using a remote desktop
- Understand Raspbian OS, python programming, SMTP and API

The training program started with inaugural on 19th Feb 2019 morning in ECE department Seminar hall with invocation song by Sharadha and team and further the lighting of lamp by all dignitaries. Prof.C. Sivaprakash, HOD/ECE welcomed the dignitaries, Dr. Y. Vijayakumar Principal, SSCE, Dr. R. Arunkumar Management Representative, SSCE and HODs of various dept to grace the occasion by honouring bouquet by Prof.R.Deepa, coordinator of the event.

Chief Guest:

The Chief Guest, Sri. Thejesh. P Founder & CEO, Login ware Softech Pvt Ltd. Hassan, Karnataka was honoured with bouquet by our beloved Principal Dr. Y. Vijayakumar, SSCE, Anekal and Mr. Yeshvanth Kumar Trainer, Loginware Softech Pvt Ltd, was honoured with bouquet by our Management Representative Dr. R. Arunkumar, SSCE. Our beloved Principal Dr. Y. Vijayakumar had expressed congratulations to the ECE dept for organizing event for the student requirement in his presidential address. The chief guest Sri Thejesh.P was briefed about the current technology and also about the five days' workshop. The inaugural session ended up with vote of thanks by Prof. Dhanya G S After inauguration, hands on 5 days' workshop started at 10:30 am at DSP lab in ECE dept by brief introduction by Sri Thejesh P.

Day 1:

The session started with the introduction to Raspberry Pi, micro-controllers and embedded systems. Before interfacing the Raspberry Pi with the sensors, participants were made familiar with the terminal commands and the Raspbian operating system which is OS in the Raspberry Pi. The program to interface must be written in python.



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

| | | |
|----|---------------------|----------------|
| 38 | RAJENDAR JANGID R | Jangid R. |
| 39 | RAKSHITH R | Rakshit R. |
| 40 | RAMESH J | Ramesh J. |
| 41 | RASHMI A N | Rashmi A. |
| 42 | RAVI KUMAR.S s | Ravi S. |
| 43 | SUSHMITHA M | Sushmita M. |
| 44 | SWATHI R | Swathi R. |
| 45 | THEJASHREE S | Thejashree S. |
| 46 | Uday Shankar G | Uday G. |
| 47 | UDAY M | Uday M. |
| 48 | RHITUPORNA SARKAR A | Rhityuporna A. |
| 49 | SHARATH KUMAR S | Sharath S. |
| 50 | SHASHI KUMAR G S N | Shashi G. |

CoOrdinator

Head of Department



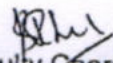
Department of Computer Science & Engineering

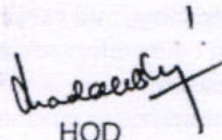
Date: 07.04.2016

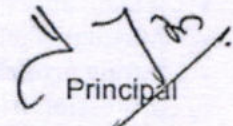
Circular

Sub: Career Guidance Program –reg

With reference to the above subject, it is hereby brought to the notice of all students of Computer Science and Engineering Department that the "Career Guidance Program" scheduled on 11.04.2016. Students are cordially invited to participate in full strength to make the use of the online contest effectively.


Faculty Coordinator


HOD


Principal



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Anekal, Bengaluru



Dept. of CSE

Department of Computer Science & Engineering

Date: 11.04.2016

Submitted,

Sub: Report on Career Guidance Program – Srisha Robotics Academy-Reg.

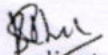
The resource Person Mr. Shashikanth addressed the students on 11.04.2016 at 10:30 am in Seminar Hall. It is a comprehensive, developmental program designed to assist individuals in making and implementing informed educational and occupational choices. Career guidance and counselling program develops an individual's competencies in self-knowledge, educational and occupational exploration, and career planning.

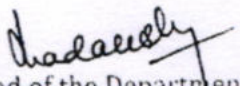
The Key Components of Successful Career Guidance and Counselling Programs

- A planned sequence of activities and experiences to achieve specific competencies such as self-appraisal, decision making, goal setting, and career planning
- A team approach where certified counsellors are central to the program
- Adequate facilities, materials, resources
- Strong professional development activities so counsellors can regularly update their professional knowledge and skills
- Different approaches to deliver the program such as outreach, assessment, counselling, curriculum, program and job placement, follow-up, consultation, referral.

Highlight about Career Guidance and Counselling Programs

- Ensures qualified leadership and supervision
- Continues expenditures for program support
- Promotes counsellor training and retraining
- Encourages elimination of sex bias and stereotyping
- Strengthens tech prep programs through recruitment, retention and placement


Coordinator
Sharon Roji Priya


Head of the Department
Dr. B Shadaksharappa

Department of Computer Science & Engineering

Title: Career Guidance Program

Name of the Resource Person: Mr. Shashi Kanth, Srisha Robotics Academy
 Conducted on: 11.04.2016

| SL. NO. | USN | NAME OF THE STUDENT | SIGNATURE |
|---------|------------|---------------------|---------------------|
| 1 | 1SB12CS007 | KAVITHA LAKSHMI | <i>Kavitha</i> |
| 2 | 1SB12CS020 | JHANSI | <i>Jhansi</i> |
| 3 | 1SB12CS030 | MALLIKARJUN | <i>M</i> |
| 4 | 1SB12CS049 | SANDHYA | <i>Sandhya</i> |
| 5 | 1SB14CS004 | AISHWARYA M | <i>Aish</i> |
| 6 | 1SB14CS006 | AISHWARYA S | <i>Aish</i> |
| 7 | 1SB14CS007 | ANITHA A | <i>Anitha</i> |
| 8 | 1SB14CS008 | ANOOP DAEWOO.M | <i>Anoop</i> |
| 9 | 1SB14CS010 | BHARADWAJ B | <i>Bharad</i> |
| 10 | 1SB14CS011 | BHAVYA | <i>Bhav</i> |
| 11 | 1SB14CS012 | BITAN PAUL | <i>Bitan</i> |
| 12 | 1SB14CS013 | CHAITHRA.A | <i>Chaitraa.</i> |
| 13 | 1SB14CS014 | CHAITHRA.G | <i>Chad</i> |
| 14 | 1SB14CS017 | CHEKURI LOKESH | <i>Chekuri</i> |
| 15 | 1SB14CS018 | DIVYA L | <i>Divya</i> |
| 16 | 1SB14CS019 | DRISHANT SHARMA | <i>Drishant</i> |
| 17 | 1SB14CS020 | GANAPRIYA.R | <i>GANAPRIYA,R</i> |
| 18 | 1SB14CS021 | GEETHIKA.K | <i>Geetha</i> |
| 19 | 1SB14CS022 | GOBIDASAN.M | <i>Gobidasan,</i> |
| 20 | 1SB14CS023 | GOWRICHANDRA N | <i>Gowrichandra</i> |
| 21 | 1SB14CS025 | HARSHITHA H B | <i>Harshit ha,</i> |
| 22 | 1SB14CS026 | HEMALATHA S | <i>Hema</i> |
| 23 | 1SB14CS028 | JYOTHI TIWARI P | <i>Jyoti</i> |

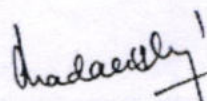


Department of Computer Science & Engineering

| | | | |
|----|------------|----------------------|-------------|
| 24 | 1SB14CS029 | K HARSHITHA | HARSHITHA |
| 25 | 1SB14CS030 | KARTHIK N S | K |
| 26 | 1SB14CS032 | KARTHIKA K | K |
| 27 | 1SB14CS033 | KEERTHANA R | K |
| 28 | 1SB14CS034 | KUMUDHA.M | K |
| 29 | 1SB14CS035 | LATHA S | L |
| 30 | 1SB14CS036 | MADHUSUREE M. | M |
| 31 | 1SB14CS038 | MADHUSUDHAN R | M |
| 32 | 1SB14CS040 | MANASA S | M |
| 33 | 1SB14CS041 | MANIK RESHI | M |
| 34 | 1SB14CS042 | MANISH DIXIT | M |
| 35 | 1SB14CS043 | MEENAKSHI ALLAGI | M |
| 36 | 1SB14CS046 | MONIKA S | MONIKA, S |
| 37 | 1SB14CS047 | N.A.POOJITHA | P |
| 38 | 1SB14CS049 | NANDA KUMAR.V | Nanda, |
| 39 | 1SB14CS050 | NANDINI N | NANDINI, N |
| 40 | 1SB14CS051 | NAVYA B V | Navya, |
| 41 | 1SB13CS009 | ARUN. S | Arun, |
| 42 | 1SB13CS034 | MAHESH.K | M |
| 43 | 1SB14CS052 | NAVYASHREE R | NEESU DUBEY |
| 44 | 1SB14CS053 | NEESU DUBEY | N |
| 45 | 1SB14CS054 | NEHA JHA | N |
| 46 | 1SB14CS055 | NIHARIKA.S | Niharika |
| 47 | 1SB14CS056 | NITHIN KISHORE.K | Nithin |
| 48 | 1SB14CS057 | PALLAVI VINAYAK NAIK | Pallavi |
| 49 | 1SB14CS058 | PANATULA UDAY SHREE | P |
| 50 | 1SB14CS060 | POOJA B N | POOJA, BN |
| 51 | 1SB14CS064 | PRINCESS.R | Princess |
| 52 | 1SB14CS065 | PRIYA J | Priya |

| | | | |
|----|------------|-----------------------|-------------------------|
| 56 | 1SB14CS070 | RAMESHA T H | Ramesha |
| 57 | 1SB14CS071 | RAMYA.M | Rm |
| 58 | 1SB14CS072 | RAMYASHREE G | Ra |
| 59 | 1SB14CS073 | RANJANI R | Ranjani R |
| 60 | 1SB14CS074 | RANJITH C | Ranjith C |
| 61 | 1SB14CS075 | RANJITHA S | Ranjitha |
| 62 | 1SB14CS076 | RANJITHA V | Ranjitha |
| 63 | 1SB14CS077 | SAHANA T S | Sahana |
| 64 | 1SB14CS078 | SANDHYA A S | Sandhya |
| 65 | 1SB14CS081 | SHAIK MAHAMMAD AHMED | Shaike |
| 66 | 1SB14CS083 | SHARATH SAGAR REDDY P | sharath |
| 67 | 1SB14CS086 | SPOORTHI S | Sp |
| 68 | 1SB14CS089 | SURAJ.S | Suraj, S |
| 69 | 1SB14CS090 | SURESH.J | Surato |
| 70 | 1SB14CS091 | SWETA NALATAWAD | SWETA. N |
| 71 | 1SB14CS092 | SWETHA B | SWETHA B |
| 72 | 1SB14CS095 | V.K.MANASA | MANASA. V.K. |
| 73 | 1SB15CS400 | KARTHIKEYAN | KARTHIKEYAN |
| 74 | 1SB15CS401 | CHAITHRYA | CHAITHRYA. |
| 75 | 1SB15CS402 | PRAGATHI | PRAGATHI |


Coordinator


Head of Department

MEMORANDUM OF UNDERSTANDING

This memorandum of understanding (MoU) is made and entered into as of the 2nd day of August 2016 by and between

Loginware Softtec Private Limited
#40/163, 1st Floor, Opp. Bharathi Associates
B M Bypass Road, Boovanahalli
Hassan, Karnataka, India - 573201
(Henceforth referred to as "Loginware" in this document),

And

Sri Sairam College of Engineering,
Sai Leo Nagar, Guddanahalli (Post), Anekal,
Bengaluru – 562 106.
(Henceforth referred to as "Sri Sairam College of Engineering" in this document)

Loginware and Dept. of ECE, Sri Sairam College of Engineering, on mutual agreement have decided to collaborate for a MoU. The MoU is to be signed with regards to the following articles and clauses:

Article I: Purpose and Scope

This article aims to explore the scope of a collaboration based on mutual interest and benefit (hereby referred to as the "Opportunity") and in connection with the opportunity, this document highlights points of general agreement that help establish common understanding.

Article II: Objectives

The primary purpose of this company will be embedded product research and development, to utilize a carefully designed and integrated set of training programs, entrepreneurship, development components, cooperative concepts and technology services to select and train individuals of tier II and tier III cities to become new generation skilled workers cum entrepreneurs and community builders.

The programs carried out in Loginware will attract, screen, motive, prepare and assist individuals of tier II and tier III cities to utilize effectively the new generation technology.

Loginware Softtec Pvt. Ltd.,

#40/163, 1st Floor, Opp. Bharathi Associates, EM Bypass Road, Boovanahalli, Hassan - 573201

M: info@loginwaresofttec.com | www.loginwaresofttec.com

IN 08172-297179, +91 79999 90246/47

Specific Objectives of Loginware:

- 1) Creating a one-stop technology platform or a knowledge hub to support all kinds of technology needs of Tier II and III cities.
- 2) Make available at one location all of the essential technology facilities, training and support services needed by individuals of tier II and tier III cities.
- 3) Systematically create substantial number of new modern small business enterprises and worker cooperatives.
- 4) Generate economic growth and employment opportunities for youth and poor people in tier II and tier III cities.
- 5) As one of the fastest-growing innovators in the education technology and skill development space, Loginware sees great value in working with COLLEGE and developing this ecosystem of well-trained, practical and innovative Engineering graduates. By bringing in the combined expertise of industry professional from diverse technology streams, Loginware is well positioned to make this a win-win engagement.

Article III: Roles and Responsibilities of Loginware

As a practicing industry partner, Loginware will contribute in multiple capacities:

- ❖ Loginware will provide training and internships, based on trending developments of embedded systems, Internet of things and software solutions and as required by **Sri Sairam College of Engineering**.
- ❖ Loginware will provide open platform for the students to get in to the real time product development in the identified space provided at **Sri Sairam College of Engineering**.
- ❖ Loginware will provide training and workshops at **Sri Sairam College of Engineering** as per schedules provided by Institute at affordable fee from the student community.
- ❖ Loginware will also provide certificate of participation to those students of **Sri Sairam College of Engineering** who undergo training and workshops.
- ❖ Technology support from Loginware for embedded systems research and development in **Sri Sairam College of Engineering**.
- ❖ Loginware will provide employment opportunity for the selected students who have undergone internship program.

Article IV: Roles and Responsibilities of Sri Sairam College of Engineering

Providing the availability of the **Computer Lab Infrastructure** (where the classes will be conducted) will be the responsibility of **Sri Sairam College of Engineering**.

Loginware Softtec Pvt. Ltd.,

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✉ info@loginwaresofttec.com | www.loginwaresofttec.com

☎ 08172 - 297179, +91 79569 90246/47

Sri Sairam College of Engineering will also provide, subject to personnel and budgetary limitations and as may be mutually agreed upon:

- a) Internet, library facilities and other such requirements, which may be necessary for conducting the classroom sessions, workshops and other relevant events such as Hackathons, will be the responsibility of Sri Sairam College of Engineering.
- b) Relevant space to Loginware on the online / offline notice areas of the Sri Sairam College of Engineering for program related communications.
- c) Recognition to Loginware as "Knowledge Partners" for conducting classroom sessions, workshops and Research related to Embedded systems design and development, Industrial Internet of things, Web Development, App Development, Scientific Computing, Artificial Intelligence and other disciplines to be identified from time to time.
- d) Inviting Loginware to sponsor /participate in National/International workshops/conferences /seminars and other important technology business meetings relevant to them.

Article V: No Obligation

Each party understands and agrees that nothing herein requires either party.

- a) To disclose any confidential information, which shall be disclosed, if at all, solely at the discretion of the disclosing party subject of course to such conditions as may be thought fit.
- b) To proceed with the opportunity or any relationship in connection with which confidential Information may be disclosed.

As used herein, the party disclosing Confidential Information is the "Disclosing Party" and the party receiving the confidential Information is the "Recipient".

Article VI: No License

All of the Disclosing Party's Confidential Information shall remain the sole property of the Disclosing Party. Nothing in this MoU is intended to grant any rights to either party under a patent, copyright, trade secret or other intellectual property right of the other party, nor shall this MoU grant either party any rights in or to other party's Confidential Information except as expressly set forth herein. However could be arrived with suitable conclusion with mutual consent from both the parties.

Loginware Softtec Pvt. Ltd.,

#40/163, 1st Floor, Opp. Bharathi Associates, ESI Bypass Road, Boovanahalli, Hassan - 573201

M: info@loginwaresofttec.com | www.loginwaresofttec.com

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Article VII: Permitted use

The recipient agrees that it shall use the Disclosing Party's confidential information solely for the purpose of evaluating the opportunity and shall not reverse engineer, disassemble or decompile any prototypes, software or other tangible objects which embody the Disclosing Party's Confidential Information unless explicit written consent to such actions is received from the Disclosing party.

If such a prohibition is not permitted pursuant to applicable law, the recipient shall provide the Disclosing Party Written notice prior to undertaking any such reverse engineering and shall give the Disclosing party a reasonable amount of time to provide any interface information required by law prior to commencing such reverse engineering. If such interface Information is provided, then the recipient is prohibited from such reverse engineering.

Article VIII: MoU extensions

- a) This MoU may be supplemented by work plans to be developed jointly, which describe more specifically the activities to be carried out under this collaborative program and which set forth the envisaged contribution of each party.
- b) Sri Sairam College of Engineering and Loginware may name members of their respective staff to work out further details for proper and effective implementation of this MoU.
- c) Such details as agreed upon, including any other amendments, will be confirmed by exchange of letters between Sri Sairam College of Engineering and Loginware and such letters will form part of this MoU.
- d) These work plans will require the approval of both parties for implementation.

Article IX: MoU Revocation

Either party may terminate this MoU on 60 days' written notice to the other party. Termination may occur upon the breach of this MoU by one of the parties. A breach of this MOU includes, but is not limited to, a violation of the policies and rules of the Sri Sairam College of Engineering, the making of a misrepresentation or false statement by one of the parties, non-performance of the party's duties, or the occurrence of a conflict of interest between the parties. Each party has 30 days to cure the breach. If this MOU terminated during an academic term, students enrolled in classroom program/sessions under this MOU will be allowed to finish their coursework and receive appropriate certification.

Loginware Softtec Pvt. Ltd.,

#40/153, 1st Floor, Opp. Bharathi Associates, EM Bypass Road, Boovanahalli, Hassan - 573201

info@loginwaresofttec.com www.loginwaresofttec.com

08172 - 297175, +91 79569 90246/47

Article X: Effective Date and signatures

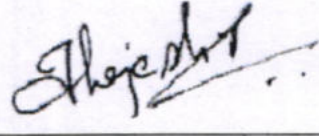
This MoU will be in effect initially for a period of 6 (six) months from the date of signing of this MoU by both parties after which it may be reviewed for possible extension.

In case of termination of the MoU, any obligations and commitments already contracted for and involving third parties shall be honored and continued by both parties until such commitments are completed.

Signed and executed this day of 2nd August 2016 by Sri Sairam College of Engineering and Loginware Softtec Pvt. Ltd for a period of five years with the signatures from both the parties below:

For Sri Sairam College of Engineering

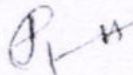
Prof. Sivaprakash. C
Prof and Head, Dept. of ECE
Sri Sairam College of Engineering
Sail Leo Nagar, Guddanahalli (P.O)
Anekal, Bengaluru- 562 106



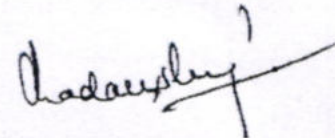
Mr. Thejesh P
Founder/CTO
Loginware Softtec Private Limited
B M Bypass Road, Boovanahalli
Hassan, Karnataka - 573201

For Loginware Softtec Pvt. Ltd.,

Dr. Y. Vijaya Kumar
Principal
Sri Sairam College of Engineering
Sail Leo Nagar, Guddanahalli (P.O)
Anekal, Bengaluru- 562 106



Prof. Geetha R
Assistant Professor, Dept. of ECE
Sri Sairam College of Engineering
Sail Leo Nagar, Guddanahalli (P.O)
Anekal, Bengaluru- 562 106

Witness

Dr. B. Shadaksharappa
Vice principal
Sri Sairam College of Engineering
Sail Leo Nagar, Guddanahalli (P.O)
Anekal, Bengaluru- 562 106

Loginware Softtec Pvt. Ltd.,

#40/163, 1st Floor, Opp. Bharathi Associates, BM Bypass Road, Boovanahalli, Hassan - 573201
info@loginwaresofttec.com | www.loginwaresofttec.com
08172-797179, +91 79569 90246/47



Department of Electronics & Communication Engineering

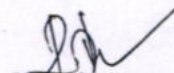
24.08.2016

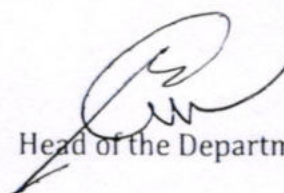
Submitted,

Sub: Report on "Seminar on introduction to industry 4.0" on 23rd of August 2016 for ECE students- Reg.

With respect to the above subject, we Department of Electronics & Communication Engineering organized "Seminar on introduction to industry 4.0" for the Final year students on 23.08.2016 in the college campus. The seminar was for 55 students from 8th semester ECE students. The students were handled by a team of eminent resource persons from the respective field. Sri. Thejesh. P, Founder & CEO, Loginware softtec Pvt Ltd. Hassan, Karnataka. Handled the session The seminar provided an interactive atmosphere between the resource persons and the participants. The objective of the Program is to enhance knowledge about industry revolution 4.0

Sri. Thejesh. P, Founder & CEO, Loginware softtec Pvt Ltd. Hassan, Karnataka. Handled the session gave introduction to Industry 4.0 refers to a new phase in the Industrial Revolution that focuses heavily on interconnectivity, automation, machine learning, and real-time data. Industry 4.0, also sometimes referred to as IIoT or smart manufacturing, marries physical production and operations with smart digital technology, machine learning, and big data to create a more holistic and better connected ecosystem for companies that focus on manufacturing and supply chain management .Industry 4.0 isn't just about investing in new technology and tools to improve manufacturing efficiency—it's about revolutionizing the way your entire business operates and grows. This resource will provide you with an in-depth overview on the topic of Industry 4.0 and IIoT, including information on the following: On overall the session was very informative and gave more knowledge to students.


Coordinator


Head of the Department



Department of Electronics & Communication Engineering

| | | |
|----|--------------------|------------------|
| 25 | LAKSHMI G C | Lalitha |
| 26 | MALAISELVAN G | Malai |
| 27 | MANJUSHREE B R | Manoj |
| 28 | MANOJ H | Manoj Kumar |
| 29 | MANOJ KUMAR S | Manoj |
| 30 | MOHAMMAD IBRAHIM M | Mohammed Ibrahim |
| 31 | NAVYASHREE R | Navyashree |
| 32 | PAVITHRA N | Pavithra |
| 33 | PAVITHRA M | Pavithra |
| 34 | PRAJWAL H M | Prajwal |
| 35 | PRAKRUTHI P | Prakruthi |
| 36 | PRATHAP B P | Prathap |
| 37 | PRIYANKA N | Priyanka |
| 38 | PUNITH KUMAR N | Punith |
| 39 | Rahul Kolekar D | Rahul |
| 40 | Ranjitha .R | Ranjitha |
| 41 | RASHMI V | Rashmi |
| 42 | ROOPA M | Roopa M |
| 43 | JAYANTH S | Jayanth |
| 44 | SANGEETHA B V | Sangeetha |
| 45 | SANGEETHA V | Sangeetha |
| 46 | SHRUTHI G | Shruthi |
| 47 | SHUBHA L | Shubha |
| 48 | SINDHU R | Sindhu |
| 49 | SOUNDARYA R | Soundarya |
| 50 | SPURTHY A | Spurthy |
| 51 | SUDHA V | Sudha |
| 52 | SUSHMA V | Sushma |



Department of Electronics & Communication Engineering

| | | |
|----|---------------------|-------------------|
| 53 | SUSHMITHA B.R | <i>Sushmitha</i> |
| 54 | SWARNA REKHA A C | <i>Swarna</i> |
| 55 | SWATI NAGARAJ MESTA | <i>Swati</i> |
| 56 | TEJASWINI A | <i>Tejaswini</i> |
| 57 | VANAJAKSHI M | <i>Vanajakshi</i> |
| 58 | VANDANA R | <i>Vandana</i> |
| 59 | VARSHA K J | <i>Varsha</i> |
| 60 | VEERESH. K R | <i>veeresh</i> |

[Signature]
Co Ordinator

[Signature]
Head of Department

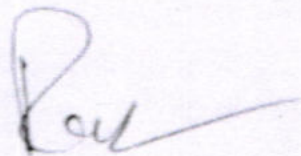
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Circular

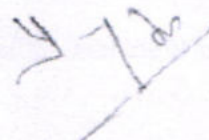
20/07/2015

Sub : Skill Development programme Reg

With reference to the above subject ,it is hereby informed to all the students of III year irrespective of branch that skill development programme has been arranged on 24.07.2015 to 25.07.2015.Programme is hosted by the resource persons from HA EGL Technologies. Students are invited to participate and make use of programme effectively for placement.



Co-Ordinator



Principal

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

30/07/2015

Report on Skill Development Programme


Department of Computer Science and Engineering in association with **HA EGL TECHNOLOGIES** organized a 2 days workshop on "**Skill Development Programme**" from 24/07/2015 . This workshop provided Hands on experience on web programming for the 5th Semester students.

The inaugural session started with lighting of the lamp by the dignitaries followed by invocation song. The dignitaries were Dr. Y. Vijayakumar, Principal, Dr. R. Arunkumar, Management Representative, Dr. B. Shadasharappa, Vice Principal, of our Institution.

Topics Covered:

- Learn how to prepare an effective, high impact presentation
- Understand communication mechanisms in the workplace
- Recognise how humans communicate
- Learn the advantages of effective communication
- Identify basic body signals
- Comprehend the importance and dynamics of teams
- Identify different communication styles
- Be able to communicate more effectively and successfully
- Learn how to answer and make telephone calls in a professional manner
- Practice how to write and respond professionally to clients and colleagues

Around 40 students attended the session and the feed back was good.


Co-Ordinator


HOD



Attendance On Skill Development Programme

| SL. NO. | USN | NAME OF THE STUDENT |
|---------|------------|--------------------------------|
| 1 | 1SB12CS014 | DHANASHEKAR.K |
| 2 | 1SB12CS026 | KIRAN KUMAR |
| 3 | 1SB12CS030 | M.MALLIKARJUN |
| 4 | 1SB12CS039 | PANKAJ KUMAR DUBEY |
| 5 | 1SB12CS048 | R.KEERTHI |
| 6 | 1SB12CS050 | R.SHAMBAVI |
| 7 | 1SB12CS052 | RAJESH |
| 8 | 1SB12CS064 | SASIREKHA.K |
| 9 | 1SB12CS075 | SUNANINA.K.BARI |
| 10 | 1SB12CS076 | SUNETHRA.C |
| 11 | 1SB12CS077 | SUNITHA.N |
| 12 | 1SB13CS001 | A.ARSHIYA |
| 13 | 1SB13CS002 | ABHIRUPA CHATTERJEE |
| 14 | 1SB13CS004 | AKSHAY.C |
| 15 | 1SB13CS005 | AMBIKA. V |
| 16 | 1SB13CS006 | ANDRIYA MARY.J |
| 17 | 1SB13CS007 | ANGEL PRESCILLA JEAN PI |
| 18 | 1SB13CS008 | ARCHANA.M |
| 19 | 1SB13CS010 | ASHWATH SIVASWAMY |
| 20 | 1SB13CS011 | B.SUKANYA |
| 21 | 1SB13CS012 | BHAVYA |
| 22 | 1SB13CS014 | CHAITHRA.N.C |
| 23 | 1SB13CS015 | CHAITHRA.R.S |
| 24 | 1SB13CS018 | DILLI BABU.U |
| 25 | 1SB13CS019 | DIMPLE PRASAD HARI |
| 26 | 1SB13CS020 | DIVYA.R.KRISHNAN |
| 27 | 1SB13CS021 | GAGANA G.E |
| 28 | 1SB13CS022 | GEORGE VARGHESE MULAMOOTTIL |
| 29 | 1SB13CS023 | HIMADRI SENGUPTA |



Sri SAIRAM
COLLEGE OF ENGINEERING
Formerly Shirdi Sai Engineering College

ISO 9001 : 2008 Certified Institution
Approved by AICTE, New Delhi
Recognised by Govt. of Karnataka & Affiliated to VTU, Belgaum
Anekal, Bengaluru

| | | |
|----|------------|-----------------------|
| 30 | 1SB13CS024 | INDUMATHI.K |
| 31 | 1SB13CS025 | JOICY PIRNITHA.M |
| 32 | 1SB13CS026 | KARAN D SOUZA |
| 33 | 1SB13CS027 | KARTHIK.P |
| 34 | 1SB13CS028 | KOIL KUNTLA SUSHMITHA |
| 35 | 1SB13CS029 | KSHITHIJA.C.REDDY |
| 36 | 1SB13CS031 | LIKITHA B.A |
| 37 | 1SB13CS032 | M.VANISHREE |
| 38 | 1SB13CS033 | MADHU SHREE. P |
| 39 | 1SB13CS035 | MARY THERSA.M |
| 40 | 1SB13CS036 | MEGHANA.B.V |

3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, reseach, etc during the last five years (10)

| Sl. No. | Title of the linkage | Name of the partnering institution/ industry /research | Year of commec | Duration (From-To) | Nature of linkage | Link of relavant document |
|---------|---|--|----------------|-----------------------|-------------------|---|
| 2014-15 | | | | | | |
| 21 | Seminar on Embedded C | Impressiv Automation Services | 2015 | 11/03/2015-11/03/2015 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 22 | seminar on robotics and its impor | Srisha Robotics Academy | 2015 | 06-04-2015 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 23 | Programming in C & its importance in Industry | GREENBERRY MANAGEMENT CONS | 2014 | 30/08/2014 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 24 | seminar on embedded system des | Impressiv Automation Services | 2014 | 22-09-2014 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |

De point



IMPRESSIV AUTOMATION SERVICES

Mfr., Dealer & Services of all kinds of measuring equipments, PC & PLC based Automation, Software Development, AC/DC Drives and other Control Equipment etc.

Plot No.63, New SIDCO Indl. Estate, Sri Nagar, HOSUR - 635 109, Krishnagiri Dist.,
Tamilnadu, India. ☎ : +91-4344-292030, Mobile : 94433 25202,
E-mail: jaiimas@yahoo.com, intekhsr@yahoo.com.

21
24

MEMORANDUM OF UNDERSTANDING

SRI SAIRAM COLLEGE OF ENGINEERING, ANEKAL

And

IMPRESSIV AUTOMATION SERVICES, HOSUR

This Memorandum of Understanding (MOU) is entered into on this 4th day of August, 2015 by and between College and company for the period of one year from the date of MOU Signed, Sri Sairam College of Engineering and Impressiv Automation Services agree that cooperation in research collaborations and student and faculty exchanges would be mutually beneficial. The areas of cooperation may include, subject to mutual consent, any desirable and feasible activity that would further the goals of each institution. Such interaction may include cooperation in a variety of joint academic and educational activities such as:

- Joint research projects and publications, including work by undergraduate, graduate, and post- doctoral students at the partner institutions;
- Reciprocal placement of students in paid internships and co-ops, when possible;
- Joint conferences and workshops;
- Team taught courses

The parties anticipate that a number of these initiatives will occur during the period of this MOU. However, neither party is obligated to agree to any minimum number of activities, nor is this MOU intended to preclude either party from entering into similar agreements with other institutions.

The following initiatives provide good starting places and can be implemented as soon as administrative details are agreed upon between the two institutions:

- Summer undergraduate experiences;
- Faculty and student exchanges and opportunities for paid internships;
- Cooperation in academic and research programs to include, but not limited to, sustainability and biomedical sciences and engineering.

This MOU shall be identified as the parent document of any program agreement executed between the parties. Further agreements concerning any program shall provide details concerning the specific commitments made by each party and shall not become effective until they have been reduced to writing, executed by the duly authorized representatives of the parties.

Authorized Signatories:

Authorized Signatory from the Institution:

Authorized Signatory from the Company:

Department of Electronics and Communication Engineering

Date:12.03.2015

Submitted,

Sub: Report on Embedded C Seminar – Reg.

Embedded system design consists of hardware and software environment. Extension of hardware design, nor of software design, must be based on a new foundation that subsumes techniques from both worlds.

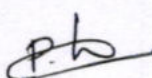
In order to make the students acquainted with Embedded System design, Department of Electronics and Communication Engineering in association with Impressiv Automation Services, Hosur organized a 1-day Seminar on "Embedded System Design" from 11.03.2015 to 11.03.2015 to transform their innovative ideas into reality as projects for the 7th Semester students.

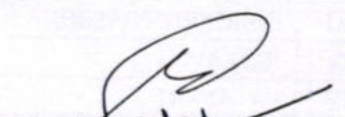
Student Coordinator Anitha of V Semester welcomed gathering and introduced the Resource Mr.Jayashankar , Impressiv Automation Services,Hosur, Dr. Y. Vijayakumar, Principal, presided the function.

Later the session started. Students were addressed on Introduction to Embedded C, Difference between C & Embedded C, Embedded C Constructs & Data Formats, mapping 8051 Architecture to Embedded C, instruction set and addressing modes. The information gained can be applied to any embedded system design. This Seminar combined insightful lectures to reinforce key concepts. Students also learnt advanced coding techniques that would increase overall Embedded C proficiency and enhance students' Microcontroller design concepts.

overview of embedded system was discussed. Techniques for systematically writing assembly language programs was discussed. Simulation package for microcontrollers was presented.

With the help of this Seminar, Impressiv Automation Services has tried to instill a basic knowledge of Embedded C on students which will be very useful to them for their future projects.The 50 students of Final year attended the program.


Coordinator
Gowri P


Head of the Department
Prof.C.Sivaprakash



Department of Electronics and Communication Engineering

Students Training Records

Title: on Embedded C Seminar

Name of the Resource Person: Mr.Jayashankar , Impressiv Automation Services,Hosur

Conducted on: 11.03.2015

| Sl.N o | Name of the Participant | Signature |
|-----------|-------------------------|--------------|
| 1 | VARALAKSHMI B.R | Varalakshmi |
| 2 | BHUVANESHWARI S | Bhuvana |
| 3 | BINDHIYA B.S | Bindhya |
| 4 | BINDHU S | Bindhu |
| 5 | CHAITRA L | Chaitra |
| 6 | CHANDANA R | Chandana |
| 7 | DEEKSHA V | Deeksha |
| 8 | DHANVANTHI P | Dhanvanti |
| 10 | DILIP KUMAR.N C | Dilip |
| 11 | HARIHARAN.S P | Harihara |
| 12 | SHYAM SAI PAVAN KUMAR J | Shyam |
| 13 | JEYARAMANAN S | Jeyaraman |
| 14 | KAJANTHINI K | Kajanthini |
| 15 | KALPANA.M M | Kalpana.M |
| 16 | KAVYA S.B | S.B. Kavya |
| 17 | LAVANYA S | Lavanya |
| 18 | LIKITHA H B | Likitha |
| 19 | FENELLA FRANCIS LOPEZ | Fenella |
| 20 | MANJUNATH K | Manjuna |
| 21 | MEGHA. D | Megha |
| 22 | MEGHASHREE C.R | Meghashree |
| 23 | MUJASIM PASHA I | Mujasim |
| 24 | Ezhil Murugan C | Ezhil |
| 25 | KAVYA. N | Kavya.N |
| 26 | NANDINI M | Nandini |
| 27 | NAVYA N | Navya |
| 28 | NITHIYA N | Nithiya |
| 29 | NITHYASHREE R V | Nithya shree |
| 30 | OBIREDDY PRASOONA O | Prasanna |
| 31 | PALLAVI U | Pallavi |
| 32 | PAVANA M | Pavana M |
| 33 | POOJA LAKSHMI S | Pooja |
| 34 | PRATHIBHA R | Prathiba |
| 35 | PREETHI L K | Preethi |
| 36 | RADHA R | Radha |
| 37 | RAJEEV | Rajeev |



Sri SAIRAM
COLLEGE OF ENGINEERING

Formerly Shirdi Sai Engineering College

ISO 9001 : 2008 Certified Institution

Approved by AICTE, New Delhi

Recognised by Govt. of Karnataka & Affiliated to VTU, Belgaum

Anekal, Bengaluru



Dept. of ECE

Department of Electronics and Communication Engineering

| | | |
|----|---------------------|--------------|
| 40 | RAMESH J | Ramesh |
| 41 | RASHMI A N | Rashmi |
| 42 | RAVI KUMAR.S s | Ravikumar |
| 43 | SUSHMITHA M | Sushmitha |
| 44 | SWATHI R | Swathi |
| 45 | THEJASHREE S | Thejashree |
| 46 | Uday Shankar G | Uday Shankar |
| 47 | UDAY M | Uday |
| 48 | RHITUPORNA SARKAR A | Rhituporna |
| 49 | SHARATH KUMAR S | Sharath |
| 50 | SHASHI KUMAR G S N | Shashikumar |

P. L.

Co Ordinator

[Signature]
Head of Department



Sri SAIRAM
COLLEGE OF ENGINEERING
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Anekal, Bengaluru



Dept. of CSE

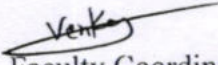
Department of Computer Science & Engineering

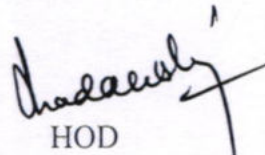
Date: 31.03.2015

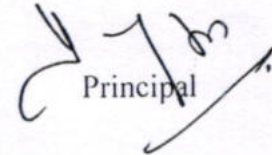
Circular

Sub: Seminar on **"Robotics and Its Importance in Society"**—reg

With reference to the above subject, it is hereby brought to the notice of all students of Computer Science and Engineering Department that the **"Robotics and Its Importance in Society"** scheduled on 06.04.2015. Students are cordially invited to participate in full strength to make the use of the online contest effectively.


Faculty Coordinator


HOD


Principal



Sri SAI RAM
COLLEGE OF ENGINEERING

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Anekal, Bengaluru



Dept. of CSE

23

Department of Computer Science & Engineering

Date: 06.04.2015

Submitted,

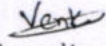
Sub: Seminar Report on "Robotics and Its Importance in Society" - Reg.

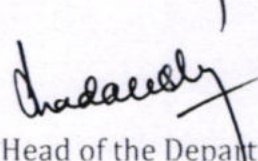
Robots in antiquity and through the Middle Ages were used primarily for entertainment. However, the 20th century featured a boom in the development of industrial robots. Through the rest of the century, robots changed the structure of society and allowed for safer conditions for labor. In addition, the implementation of advanced robotics in the military and NASA has changed the landscape of national defense and space exploration. Robots have also been influential in the media and profitable for toy manufacturers.

In order to make the students acquainted "**Robotics and Its Importance in Society**" Department of Computer Science & Engineering in association with **Srisha Robotics Academy** organized a 1-day Seminar on 06.04.2015 to transform their innovative ideas into reality as projects for the students.

Features

Robots' main positions in society are in a capacity to assist humans by taking on the jobs that are dirty, dull or dangerous. Beyond the factory floor, robots have been instrumental in space exploration and performing other tasks that would be impossible for humans to accomplish. The Mars rovers Spirit and Opportunity lasted years longer than NASA predicted and stayed on the mission far past the time any manned mission could have functioned. The Deep Impact probe that crashed into a comet literally functioned at a capacity impossible for humans. The Chernobyl meltdown site contains radiation levels that would kill any human. As such, the Pioneer robot was developed to enter the remains of the facility to address structural stability. Also, the Dante II was utilized to enter volcanic eruptions, which are impossible for humans to investigate.


Coordinator
Venkatesh Kumar


Head of the Department
Dr. B Shadaksharappa

Department of Computer Science & Engineering

Students Training Records

Title: Seminar on "Robotics and Its Importance in Society"

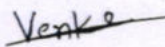
Name of the Resource Person: Mr Shashi Kanth and Team, Srisha Robotics Academy

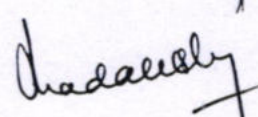
Conducted on: 06.04.2015

| SL.NO | USN | NAME OF THE STUDENT | SIGNATURE |
|-------|------------|----------------------|------------------------|
| 1. | 1SB11CS062 | DHIVYA RAKSHNA. U | <i>Dhivya</i> |
| 2. | 1SB12CS001 | A. VIGNESH | <i>Vignesh</i> |
| 3. | 1SB12CS003 | ARSHITHA.R | <i>Arshitha</i> |
| 4. | 1SB12CS004 | ARUN BABU.R | <i>Arun</i> |
| 5. | 1SB12CS005 | ARUN KUMAR.R | <i>Arun</i> |
| 6. | 1SB12CS006 | ASHA.S | <i>Asha</i> |
| 7. | 1SB12CS008 | B.RUBAN CHAKRAVARTHI | <i>Ruban</i> |
| 8. | 1SB12CS009 | BANUJAYACHANDRA.A.S | <i>Banujayachandra</i> |
| 9. | 1SB12CS010 | BHASKAR.B | <i>Bhaskar</i> |
| 10. | 1SB12CS011 | BHAVYA.G | <i>Bhavya</i> |
| 11. | 1SB12CS013 | DEEPA.M | <i>Deepa</i> |
| 12. | 1SB12CS015 | DIVYA.S.N | <i>Divya S.N</i> |
| 13. | 1SB12CS016 | GUNTAKAL SANJAY | <i>Sanjay</i> |
| 14. | 1SB12CS017 | HARI PRASAD.S | <i>Hari Prasad</i> |
| 15. | 1SB12CS018 | INDUMATHI.M | <i>Indumathi</i> |
| 16. | 1SB12CS021 | KANAKA.K | <i>Kanaka</i> |
| 17. | 1SB12CS022 | KARTHIKA.R.P | <i>Karthika</i> |
| 18. | 1SB12CS023 | KAVYA.R | <i>Kavya</i> |
| 19. | 1SB12CS024 | KAVYASREE.K.S | <i>Kavyasree</i> |
| 20. | 1SB12CS032 | MANJULAKUMARI.K | <i>Manjulakumari</i> |
| 21. | 1SB12CS033 | MANMOHAN KUMAR TIWAR | <i>Manmohan</i> |

Department of Computer Science & Engineering

| | | | |
|-----|------------|-----------------------|-----------|
| 22. | 1SB12CS035 | MUNIRAJU.G | Muniraju |
| 23. | 1SB12CS036 | NAGAMANI.N | Nagamani |
| 24. | 1SB12CS037 | NAGESHA.R | Nagesha |
| 25. | 1SB12CS038 | NAVEEN S MADHAVAN | Naveen |
| 26. | 1SB12CS040 | PAVITHRA.R | Pavithra |
| 27. | 1SB12CS047 | R.DEEPAK | Deepak |
| 28. | 1SB12CS053 | RAM KUMAR.K | Ram |
| 29. | 1SB12CS057 | S.A.MAHAMMAD HAROON R | Meeha |
| 30. | 1SB12CS066 | SATYANARAYANA | Satyee |
| 31. | 1SB12CS068 | SHARATH KUMAR.M | Sharath |
| 32. | 1SB12CS069 | SHILPA | Shilpa |
| 33. | 1SB12CS072 | SOUMYA.S | Soumya |
| 34. | 1SB12CS077 | SUNITHA | Sunitha |
| 35. | 1SB12CS082 | VIDSON VISHAL DSOURZ | Vidson |
| 36. | 1SB12CS083 | VIDYA.K | Vidya |
| 37. | 1SB12CS086 | YERRAGUDI SUSHMITHA | Yerragudi |
| 38. | 1SB13CS401 | RAMYA.V | Ramyav |
| 39. | 1SB13CS402 | ROOPINI | Roopini |


 Co Ordinator


 Head of Department



SHIRDI SAI ENGINEERING COLLEGE

Anekal, Bangalore-562106

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

**REPORT ON PROGRAMMING IN C AND ITS IMPORTANCE IN IT
INDUSTRY GUEST LECTURE**

3/9/2014

Programming in c and importance in IT industry guest lecture had been conducted on 30 August 2014 for third semester students of Department of Computer Science and Engineering in our campus. Almost students attended the guest lecture with all enthusiasm.

Two sessions had been conducted in which students were given knowledge about the programming in c and its importance in IT industry. Finally, students gained confidence in their programming skill in c and its importance. The student's feedback was positive and they felt that the session was informative and useful.

P. Kalamani
Co-Ordinator

Prof. P Kalamani

Assistant professor, CSE

Shirdi Sai Engineering College

Handwritten signature and date
3/9/2014

Handwritten signature and date
03/09/2014
HOD/CSE

24

23 21



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E-mail: jaiimas@yahoo.com, imtekhsr@yahoo.com.

3
24

21

MEMORANDUM OF UNDERSTANDING

between

SHIRDI SAI ENGINEERING COLLEGE, ANEKAL

And

IMPRESSIV AUTOMATION SERVICES, HOSUR

This Memorandum of Understanding (MOU) is entered into on this 1st day of August, 2014 by and between College and company for the period of one year from the date of MOU Signed, Shirdi Sai Engineering College and Impressiv Automation Services agree that cooperation in research collaborations and student and faculty exchanges would be mutually beneficial. The areas of cooperation may include, subject to mutual consent, any desirable and feasible activity that would further the goals of each institution. Such interaction may include cooperation in a variety of joint academic and educational activities such as:

- Joint research projects and publications, including work by undergraduate, graduate, and post- doctoral students at the partner institutions;
- Reciprocal placement of students in paid internships and co-ops, when possible;
- Joint conferences and workshops;
- Team taught courses

The parties anticipate that a number of these initiatives will occur during the period of this MOU. However, neither party is obligated to agree to any minimum number of activities, nor is this MOU intended to preclude either party from entering into similar agreements with other institutions.

The following initiatives provide good starting places and can be implemented as soon as administrative details are agreed upon between the two institutions:

- Summer undergraduate experiences;
- Faculty and student exchanges and opportunities for paid internships;
- Cooperation in academic and research programs to include, but not limited to, sustainability and biomedical sciences and engineering.

This MOU shall be identified as the parent document of any program agreement executed between the parties. Further agreements concerning any program shall provide details concerning the specific commitments made by each party and shall not become effective until they have been reduced to writing, executed by the duly authorized representatives of the parties.

Authorized Signatories:

Authorized Signatory from the Institution:

Authorized Signatory from the Company:



SHIRDI SAI ENGINEERING COLLEGE

ANEKAL, BANGALORE-562106

Department of Electronics & Communication Engineering

Date: 25.09.2014

Submitted,

Sub: Report on Microcontroller and its Applications Seminar – Reg.

8051 Microcontroller is popular with industrial developers due to their low cost, wide availability and extensive collection of application notes, availability of low cost or free development tools, serial programming & USB capability.

In order to make the students acquainted with Microcontroller and its Applications, Department of Electronics and Communication Engineering in association with Impressiv Automation Services, Hosur organized a 1-day Seminar on "Microcontroller and its Applications" from 22.09.2014 to 22.09.2014 to transform their innovative ideas into reality as projects for the 5th Semester students. The Seminar was organized under the MOU signed between Imperssiv Automation and Shirdi Sai Engineering College .

Student Coordinator Siddharth of V Semester welcomed gathering and introduced the Resource person Mrs. Geetha, Technical Support Specialist Imperssiv Automation, Dr. Y. Vijayakumar, Principal, presided the function.

Later the session started. Students were addressed about basic of microcontroller, types of controller, renesas microcontroller, features and instruction set of renesas controller, applications of renesas controller. The information gained can be applied to any embedded system design. This Seminar combined insightful lectures to reinforce key concepts. Students also learnt advanced controllers that would increase overall proficiency and enhance students' Microcontroller design concepts.

With the help of this Seminar, Impressiv Automation Services has tried to instill a basic knowledge of Embedded System Design on students which will be very useful to them for their future projects. 58 ECE students attended the Seminar .

Coordinator
Savitha H S

Head of the Department
Prof.C.Sivaprakash



SHIRDI SAI ENGINEERING COLLEGE

ANEKAL, BANGALORE-562106

Department of Electronics & Communication Engineering

Title: Embedded System Design Seminar

Name of the Resource Person: Mr. Prakash G, Technical Support Specialist,
Imperssiv Automation, Hosur

Conducted on: 22.09.2014

| Sl.N o | Name of the Participant | Signature |
|-----------|----------------------------|----------------|
| 1 | RACHANA V | Rachana |
| 2 | RADHA R | Radha |
| 3 | RAJANI N | Rajani |
| 4 | RAJBHUSHAN M | Rajbhusan |
| 5 | RAMANAN S K | Raman |
| 6 | RAMYA V | Ramya |
| 7 | RANGACHAR K S | Rangachar |
| 8 | RANGANATH M P | Ranganath |
| 10 | RESHMA S PATEL | Reshma |
| 11 | REVATHI U | Revathi |
| 12 | SACHIN BALASAHEB SAVADATTE | Sachin |
| 13 | SAGAR JANKAR | Sagar |
| 14 | SANGAMITHIRAI S | Sangamithirai |
| 15 | SHARANABASAPPA | Sharanabasappa |
| 16 | SHASHANK S RAO | Shashank |
| 17 | SHIVAKUMAR G | Shivakumar |
| 18 | SHREE RAM P | Shree Ram |
| 19 | SHREYAS S | Shreyas |
| 20 | SHUBHAM SRIVASTAVA | Shubham |
| 21 | SHWETHA R | Shwetha |
| 22 | SIDRAMAPPA PATIL | Sidramappa |
| 23 | SINDHU CHANDRAN | Sindhu |
| 24 | SMITHA S | Smitha |
| 25 | SREEHARI M | Sreehari |
| 26 | SRINIVAS PRASAD H G | Srinivas |
| 27 | SUFI ANJUM | Sufi Anjum |
| 28 | SUSHRUTH K | Sushruth |
| 29 | T R RAKESH | Tr Rakesh |
| 30 | UMAR FAROOK | Umar Farook |
| 31 | USHA M | Usha |
| 32 | VAISHNAVI JANARDHAN | Vaishnavi |
| 33 | VARSHA M | Varsha |
| 34 | VEERESH | Veeresh |
| 35 | VIGNESH S | Vignesh |
| 36 | VISHWANATHI S V | Vishwanathi |
| 37 | YASHWANTH R | Yashwanth |
| 38 | YASHWANTH S | Yashwanth |



SHIRDI SAI ENGINEERING COLLEGE

ANEKAL, BANGALORE-562106

Department of Electronics & Communication Engineering

| | | |
|----|----------------------------|----------------------|
| 40 | | |
| 41 | ABHISHEK.K.J | <i>Abhishek</i> |
| 42 | ALWIN.A | <i>Alwin</i> |
| 43 | ASHA.V.MAHENDRAKAR | <i>Asha</i> |
| 44 | ASHWIN KUMAR.B.M | <i>Ashwin</i> |
| 45 | BANKIM MANDAL | <i>Bankim</i> |
| 46 | BHARATH.M | <i>Bharath</i> |
| 47 | BHEEMAPPA VITTHAL SHINGADI | <i>Bheemappa</i> |
| 48 | DEEPA.S | <i>Deepa</i> |
| 49 | M.VARSHA | <i>Varsha</i> |
| 50 | NAVEEN KUMAR.C.L | <i>Naveen</i> |
| 51 | PRATHAP.S | <i>Prathap</i> |
| 52 | SARVAMANGALA.S | <i>Sarvamangala</i> |
| 53 | SANJAY.H.R | <i>Sanjay</i> |
| 54 | SHIVASHRANPPA | <i>Shivashranppa</i> |
| 55 | SHREEDHAR MOORTHY PATIL | <i>Shreedhar</i> |
| 56 | SURESH.K | <i>Suresh</i> |
| 57 | VEERESH.K | <i>Veeresh</i> |
| 58 | VISHWAS.K.V | <i>Vishwas</i> |

HA

Co Ordinator

Department of ECE

[Signature]
Head of Department

3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, reseach, etc during the last five years (10)

| Sl. No. | Title of the linkage | Name of the partnering institution/ industry /research lab with contact details | Year of comme | Duration (From-To) | Nature of linkage | Link of relavant document |
|----------------|-----------------------------------|---|---------------|-----------------------|-------------------|---|
| 2013-14 | | | | | | |
| 25 | online contest on C programming | Srisha Robotics Academy | 2014 | 14-03-2014 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 26 | Seminar on Embedded C | Impressiv Automation Services | 2013 | 24/09/2013-24/09/2013 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |
| 27 | Seminar on Embedded System Design | Impressiv Automation Services | 2013 | 20/08/2013-20/08/2013 | MOU | http://sairamce.edu.in/mou-and-activities-under-mou/ |



SHIRDI SAI ENGINEERING COLLEGE

ANEKAL, BANGALORE-562106

50
25

Department of Computer Science & Engineering

Date: 11.03.2014

Circular

Sub: Online Contest on C Programming -reg

With reference to the above subject, it is hereby brought to the notice of all students of Computer Science and Engineering Department that the Online Contest on "C Programming" scheduled on 14.03.2014. Students are cordially invited to participate in full strength to make the use of the online contest effectively.

inhamas
11/3/14
Faculty Coordinator

Sharda
HOD

Y. M.
Principal



SHIRDI SAI ENGINEERING COLLEGE

ANEKAL, BANGALORE-562106

Department of Computer Science & Engineering

Date: 14.03.2014

Submitted:

Sub: Report on online contest – Reg.

Department of Computer Science & Engineering conducted Online Contest for the CSE Students on 14th March 2014. This test is organised under Srisha Robotics Academy, as per the MOU of departments of Computer Science & Engineering.

One of the very strong reasons why C programming language is so popular and used so widely is the flexibility of its use for memory management. Programmers have opportunities to control how, when, and where to allocate and deallocate memory. Memory is allocated statically, automatically, or dynamically in C programming with the help of malloc and calloc functions.

Initially, C was designed to implement the Unix operating system. Most of the Unix kernel, and all of its supporting tools and libraries, were written in C

The contest was conducted in a two step process. The registration for the students to participate in contest started at 10.00 am. And the test was conducted ONLINE in our campus between 10.30 am to 11.30 am.

A total of 34 students were participated in the test.

rethomas
15/3/14
Coordinator
Reji Thomas

Chadachy
Head of the Department



SHIRDI SAI ENGINEERING COLLEGE

ANEKAL, BANGALORE-562106

Department of Computer Science & Engineering





SHIRDI SAI ENGINEERING COLLEGE

ANEKAL, BANGALORE-562106

Department of Computer Science & Engineering

Students Training Records

Title: C- Programming online contest

Name of the Resource: Srisha Robotics Academy Team

Conducted on: 14/03/2014

| SL.NO | USN | NAME OF THE STUDENT | Signature |
|-------|------------|----------------------|-----------|
| 1. | 1SB11CS062 | DHIVYA RAKSHNA. U | |
| 2. | 1SB12CS001 | A. VIGNESH | |
| 3. | 1SB12CS003 | ARSHITHA.R | |
| 4. | 1SB12CS004 | ARUN BABU.R | |
| 5. | 1SB12CS005 | ARUN KUMAR.R | |
| 6. | 1SB12CS006 | ASHA.S | |
| 7. | 1SB12CS008 | B.RUBAN CHAKRAVARTHI | |
| 8. | 1SB12CS009 | BANUJAYACHANDRA.A.S | |
| 9. | 1SB12CS010 | BHASKAR.B | AB |
| 10. | 1SB12CS011 | BHAVYA.G | |
| 11. | 1SB12CS013 | DEEPA.M | |
| 12. | 1SB12CS015 | DIVYA.S.N | |
| 13. | 1SB12CS016 | GUNTAKAL SANJAY | |
| 14. | 1SB12CS017 | HARI PRASAD.S | |
| 15. | 1SB12CS018 | INDUMATHI.M | |
| 16. | 1SB12CS021 | KANAKA.K | |
| 17. | 1SB12CS022 | KARTHIKA.R.P | |
| 18. | 1SB12CS023 | KAVYA.R | AB |
| 19. | 1SB12CS024 | KAVYASREE.K.S | |
| 20. | 1SB12CS032 | MANJULAKUMARI.K | |



SHIRDI SAI ENGINEERING COLLEGE

ANEKAL, BANGALORE-562106

Department of Computer Science & Engineering

| | | | |
|-----|------------|-----------------------|--------------------|
| 21. | 1SB12CS033 | MANMOHAN KUMAR TIWAR | <i>Manmohan</i> |
| 22. | 1SB12CS035 | MUNIRAJU.G | <i>Muniraju</i> |
| 23. | 1SB12CS036 | NAGAMANI.N | AB |
| 24. | 1SB12CS037 | NAGESHA.R | <i>Nagesha</i> |
| 25. | 1SB12CS038 | NAVEEN S MADHAVAN | <i>Naveen</i> |
| 26. | 1SB12CS040 | PAVITHRA.R | <i>Pavithra</i> |
| 27. | 1SB12CS047 | R.DEEPAK | <i>Deepak</i> |
| 28. | 1SB12CS053 | RAM KUMAR.K | <i>Ram Kumar</i> |
| 29. | 1SB12CS057 | S.A.MAHAMMAD HAROON R | <i>S.A. Mahood</i> |
| 30. | 1SB12CS066 | SATYANARAYANA | <i>Satep</i> |
| 31. | 1SB12CS068 | SHARATH KUMAR.M | <i>Sharath</i> |
| 32. | 1SB12CS069 | SHILPA | AB |
| 33. | 1SB12CS072 | SOUMYA.S | <i>Soumya</i> |
| 34. | 1SB12CS077 | SUNITHA | <i>Sunitha</i> |
| 35. | 1SB12CS082 | VIDSON VISHAL DSOURZ | <i>Vidson</i> |
| 36. | 1SB12CS083 | VIDYA.K | <i>Vidya</i> |
| 37. | 1SB12CS086 | YERRAGUDI SUSHMITHA | AB |
| 38. | 1SB13CS401 | RAMYA.V | <i>Ranya</i> |
| 39. | 1SB13CS402 | ROOPINI | <i>Roopini</i> |

mhamas
Coordinator

Madan
Head of Department



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E-mail: jaiimas@yahoo.com, imtekhsr@yahoo.com.

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26

MEMORANDUM OF UNDERSTANDING

between

SHIRDI SAI ENGINEERING COLLEGE, ANEKAL

And

IMPRESSIV AUTOMATION SERVICES, HOSUR

This Memorandum of Understanding (MOU) is entered into on this 31st day of July, 2013 by and between College and company for the period of one year from the date of MOU Signed , Shirdi Sai Engineering College and Impressiv Automation Services agree that cooperation in research collaborations and student and faculty exchanges would be mutually beneficial. The areas of cooperation may include, subject to mutual consent, any desirable and feasible activity that would further the goals of each institution. Such interaction may include cooperation in a variety of joint academic and educational activities such as:

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- Reciprocal placement of students in paid internships and co-ops, when possible;
- Joint conferences and workshops;
- Team taught courses

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This MOU shall be identified as the parent document of any program agreement executed between the parties. Further agreements concerning any program shall provide details concerning the specific commitments made by each party and shall not become effective until they have been reduced to writing, executed by the duly authorized representatives of the parties.

Authorized Signatories:

Authorized Signatory from the Institution:

Authorized Signatory from the Company:



SHIRDI SAI ENGINEERING COLLEGE

ANEKAL, BANGALORE-562106

Department of Electronics & Communication Engineering

Date: 25.09.2013

Submitted,

Sub: Report on Embedded C Seminar - Reg.

Embedded system design consists of hardware and software environment. Extension of hardware design, nor of software design, must be based on a new foundation that subsumes techniques from both worlds.


In order to make the students acquainted with Embedded System design, Department of Electronics and Communication Engineering in association with Impressiv Automation Services, Hosur organized a 1-day Seminar on "Embedded System Design" from 24.09.2013 to 24.09.2013 to transform their innovative ideas into reality as projects for the 7th Semester students.

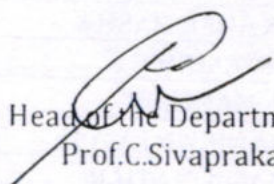
Student Coordinator Pavithra of VII Semester welcomed gathering and introduced the Resource person Dr. B. G. Sheeparamatti, Manager, Dr. Y. Vijayakumar, Principal, presided the function.

Later the session started. Students were addressed on Introduction to Embedded C, Difference between C & Embedded C, Embedded C Constructs & Data Formats, mapping 8051 Architecture to Embedded C, instruction set and addressing modes. The information gained can be applied to any embedded system design. This Seminar combined insightful lectures to reinforce key concepts. Students also learnt advanced coding techniques that would increase overall Embedded C proficiency and enhance students' Microcontroller design concepts.

overview of embedded system was discussed. Techniques for systematically writing assembly language programs was discussed. Simulation package for microcontrollers was presented.

With the help of this Seminar, Impressiv Automation Services has tried to instill a basic knowledge of Embedded C on students which will be very useful to them for their future projects. 42 students of 7th semester attended the seminar.


Coordinator
Dhanya G S


Head of the Department
Prof. C. Sivaprakash



SHIRDI SAI ENGINEERING COLLEGE

ANEKAL, BANGALORE-562106

Department of Electronics & Communication Engineering

Students Training Records

Title: Embedded C Seminar

Name of the Resource Person: Dr. B. G. Sheeparamatti, Imperssiv Automation, Hosur

Conducted on: 24.09.2013

| Sl.N o | Name of the Participant | Signature |
|-----------|-------------------------|----------------|
| 1 | SRINIVAS | Srinivas |
| 2 | A SARASWATHI | Saraswathi |
| 3 | AKASH.T | Akash |
| 4 | ANJUM KOUSER J | Anjum |
| 5 | ANUPAMA.M | Anupama |
| 6 | ARCHANA.S | Archana |
| 7 | ASHA D E | Asha |
| 8 | ASHWINI KUMAR K | Ashwini |
| 10 | AVINASH KUMAR H | Avinash |
| 11 | BHARATH KUMAR C | Bharath |
| 12 | BHARATHA T | Bharatha |
| 13 | BHAVANI V | Bhavani |
| 14 | BHAVYA S | Bhavya |
| 15 | C. SARANYA | Saranya |
| 16 | CHAITRA.V | Chaitra |
| 17 | CHANNAVEERAPPA S ANGADI | Channaveerappa |
| 18 | DAKSHAYANI.B | Dakshayani |
| 19 | DIGVIJAY RAY | Digvijay |
| 20 | DIVYA M V | Divya |
| 21 | GAGANA M P | Gagana |
| 22 | GANESH M | Ganesh |
| 23 | GANGADHARA S | Gangadhara |
| 24 | GIRISH V | Girish |
| 25 | GOKILARAJ. N | Gokilaraj |
| 26 | HARSHA KUMAR K S | Harsha |
| 27 | HARSHITHA M | Harshitha |
| 28 | HEMANTH KUMAR K | Hemant |
| 29 | J.KADER BASHA | Kader |
| 30 | JAYASHREE S | Jayashree |
| 31 | M, NANDISH | Nandish |
| 32 | MANIKANTA A.H | Manikanta |
| 33 | MANJUNATH.R | Manjunath |
| 34 | MEGHANA K S | Meghana |
| 35 | MULUM TEJAS | Tejas |
| 36 | N CHETHAN | Chethan |
| 37 | N NIRUPAMA | Nirupama |



SHIRDI SAI ENGINEERING COLLEGE

ANEKAL, BANGALORE-562106

Department of Electronics & Communication Engineering

| | | |
|----|-------------------------|-----------|
| 39 | NIVEDITHA G | Nivedita. |
| 40 | O. JAGADISH KUMAR REDDY | Jagan |
| 41 | PAVITHRA M | Pavithra |
| 42 | POOJA J | Pooja J |

PS
Co Ordinator
Department of ECE.

[Signature]
Head of Department.

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SHIRDI SAI ENGINEERING COLLEGE

ANEKAL, BANGALORE-562106

Department of Electronics and Communication Engineering

Date: 22.08.2013

Submitted,

Sub: Report on Embedded System Design Seminar – Reg.

Embedded system design consists of hardware and software environment. Extension of hardware design, nor of software design, must be based on a new foundation that subsumes techniques from both worlds.

8051 Microcontroller is popular with industrial developers due to their low cost, wide availability and extensive collection of application notes, availability of low cost or free development tools, serial programming & USB capability.

ARM designs the technology that lies at the heart of advanced digital products, from wireless, networking and consumer entertainment solutions to imaging, automotive, security and storage devices. This comprehensive Seminar was a thorough introduction to the software development for ARM7 Microcontroller.

In order to make the students acquainted with Embedded System design, Department of Electronics and Communication Engineering in association with Impressiv Automation Services, Hosur organized a 1-day Seminar on "Embedded System Design" from 20.08.2013 to 20.08.2013 to transform their innovative ideas into reality as projects for the 7th Semester students.

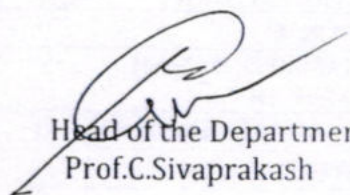
Student Coordinator Vinay Karthik of VII Semester welcomed gathering and introduced the Resource person Mr. Prakash G, Technical Support Specialist, Dr. Y. Vijayakumar, Principal, presided the function.

Later the session started. Students were addressed targeting ARM7 architecture-based devices. The information gained can be applied to any embedded system design. This Seminar combined insightful lectures to reinforce key concepts. Students also learnt advanced coding techniques that would increase overall proficiency and enhance students' Microcontroller design concepts.

overview of embedded system was discussed. Techniques for systematically writing assembly language programs was discussed. Simulation package for microcontrollers was presented. The talk was followed by FPGA based embedded system and hardware software code design was discussed.

With the help of this Seminar, Impressiv Automation Services has tried to instill a basic knowledge of Embedded System Design on students which will be very useful to them for their future projects.


Coordinator
Aruna R


Head of the Department
Prof.C.Sivaprakash



SHIRDI SAI ENGINEERING COLLEGE

ANEKAL, BANGALORE-562106

Department of Electronics and Communication Engineering
Students Training Records

Title: Embedded System Design Seminar

Name of the Resource Person: Mr. Prakash G, Technical Support Specialist,
Imperssiv Automation, Hosur

Conducted on: 20.08.2013

| Sl.No | Name of the Participant | Signature |
|-------|----------------------------|------------|
| 1 | ABHIJIT S P | |
| 2 | AKASH S | Akash S |
| 3 | ARALI SNEHAL SUNIL | Snehal |
| 4 | ARUN CHIKKAPPA CHATRAD | Arun |
| 5 | ASHOK SHREEMANT BHOSAGI | Ashok |
| 6 | ASHWIN S | Ashwin |
| 7 | ASHWINI APPAJI A | Ashwini |
| 8 | ASHWINI S | Ashwini |
| 10 | AYYANAR K | Ayyanar |
| 11 | B NAMRATHA | Namratha |
| 12 | B R KAVYASHREE | Kavyashree |
| 13 | BHUVANA V | Bhuvana |
| 14 | BOPANNA T B | Bopanna |
| 15 | C SRINIVASA | Srinivasa |
| 16 | DIVAKARA M | Divakar |
| 17 | DIVYA D | Divya |
| 18 | GOKUL GOPINATHAN | Gokul |
| 19 | HARI HARA RAMAN R | Hariharan |
| 20 | HARIPRASAD B N | Hariprasad |
| 21 | HEMANTH KUMAR K | Hemant |
| 22 | J RENI JOHN | Jeni |
| 23 | JAYALAKSHMI M | Jayalaxmi |
| 24 | KARTHIK S | Karthik |
| 25 | K AMARESH REDDY | Amaresh |
| 26 | MADHULATHA S | Madhula |
| 27 | MAHENDRA A G | Mahendra |
| 28 | MANISH DAS | Manish |
| 29 | MANJULA V | Manjula |
| 30 | MANJUNATH M | Manjunath |
| 31 | MANJUNATHA V | Manjunatha |
| 32 | MD DAVAL SHAREEF | Shareef |
| 33 | MELVIN MATHEW | Melvin |
| 34 | MITHUN R | Mithun |
| 35 | MOHAMMED DANISH SHAMSHUDIN | Danish |
| 36 | MOHAMMED LADLAY PATEL | Ladlay |
| 37 | N BIHANU KIRAN | Bihanu |
| 38 | N DIVYALAKSHMI | Divya |
| 39 | NARENDRA KUMAR C | Narendra |
| 40 | NAVEEN KUNJAR C | Naveen |




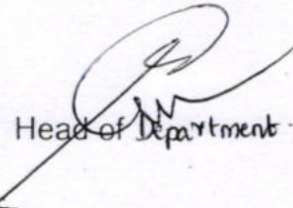
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ANEKAL, BANGALORE-562106

Department of Electronics and Communication Engineering

| | | |
|----|----------------------------|----------------------------|
| 42 | NITHIN S | Nithin S |
| 43 | PALLAVI V | Pallavi V |
| 44 | PAVITHRA D | Pavithra D |
| 45 | POOJA S ANGADI | Pooja S Angadi |
| 46 | PRATIBHA T | Pratibha T |
| 47 | PUNITH N | Punith N |
| 48 | PUNITHA H S | Punitha H S |
| 49 | R GEETHALAKSHMI | R Geethalakshmi |
| 50 | RACHANA V | Rachana V |
| 51 | RADHA R | Radha R |
| 52 | RAJANI N | Rajani N |
| 53 | RAJBHUSHAN M | Rajbhushan M |
| 54 | RAMANAN S K | Ramananan S K |
| 55 | RAMYA V | Ramya V |
| 56 | RANGACHAR K S | Rangachar K S |
| 57 | RANGANATH M P | Ranganath M P |
| 58 | RESHMA S PATEL | Reshma S Patel |
| 59 | REVATHI U | Revathi U |
| 60 | SACHIN BALASAHEB SAVADATTE | Sachin Balasaheb Savadatte |
| 61 | SAGAR JANKAR | Sagar Jankar |
| 62 | SANGAMITHIRAI S | Sangamithirai S |
| 63 | SHARANABASAPPA | Sharanabasappa |
| 64 | SHASHANK S RAO | Shashank S Rao |
| 65 | SHIVAKUMAR G | Shivakumar G |
| 66 | SHREE RAM P | Shree Ram P |
| 67 | SHREYAS S | Shreyas S |
| 68 | SHUBHAM SRIVASTAVA | Shubham Srivastava |
| 69 | SHWETHA R | Shwetha R |
| 70 | SIDRAMAPPA PATIL | Sidramappa Patil |
| 71 | SINDHU CHANDRAN | Sindhu Chandran |
| 72 | SMITHA S | Smitha S |
| 73 | SREEHARI M | Sreehari M |
| 74 | SRINIVAS PRASAD H G | Srinivas Prasad H G |
| 75 | SUFI ANJUM | Sufi Anjum |
| 76 | SUSHRUTH K | Sushruth K |
| 77 | T R RAKESH | T R Rakesh |
| 78 | UMAR FAROOK | Umar Farook |
| 79 | USHA M | Usha M |
| 80 | VAISHNAVI JANARDHAN | Vaishnavi Janardhan |


Co Ordinator
Department of ECE


Head of Department