



PAN-No. : AAATG6551G  
GST-No. : 29AAATG6551G1ZL

# GSSS

GEETHA SHISHU  
SHIKSHANA SANGHA (R)

## INSTITUTE OF ENGINEERING AND TECHNOLOGY FOR WOMEN

(Affiliated to Visvesvaraya Technological University, Belagavi. Approved by AICTE New Delhi & Govt. of Karnataka)  
KRS ROAD, METAGALLI | MYSURU - 570 016 | KARNATAKA | INDIA



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## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

### NEWS LETTER 2022-2023(EVEN SEMESTER)

# ARChiS

## ABOUT THE DEPARTMENT:

The Department of Computer Science & Engineering is a synergistic domain of many proactive minds. A team of highly qualified and dedicated Teaching and Technical Staff unanimously harness the potential in all aspects to take the department to greater heights. All laboratories are well equipped with state-of-the-art technology facilities. B.E. in Computer Science and Engineering was started in 2003 with an intake of 60 and later increased to 120 intake in 2012.

M. Tech in CSE was started in the year 2013, with an intake of 18. The department is also a recognized Research Centre for Ph.D. in CSE since 2016. Currently thirteen research scholars are pursuing Ph.D. in the Research Centre of CSE Department in various domains like Image Processing, Distributed Computing, Wireless Communication Networks & Network Security, Big Data and Internet of Things. Three research scholars have completed Ph D during the years 2022 and 2023.

The average teaching experience of Faculty members of CSE department is 09 Years. Three Professors with doctorate degree in CSE guide the faculty at the lower level to take the department to greater heights. 13 Faculty members are pursuing Ph.D. in CSE at VTU, Belagavi. B.E., M. Tech & Ph.D. Programmes are affiliated to Visvesvaraya Technological University, Belagavi, approved by AICTE, New Delhi and Govt. of Karnataka. The department is accredited by NBA, New Delhi from July 2017 - June 2023.

The department has acquired Rs 30 Lakhs funds from Vision Group on Science and Technology (VGST), Government of Karnataka for establishment of "Innovative Smart Systems and IoT Laboratory" during the period 2016-2019 and a grant of Rs 5 Lakhs from VGST for the Project "Underwater Robotic Fish for Surveillance and Pollution Monitoring" under the Scheme RGS-F during the year 2018-2019.

Memorandum of Understanding (MoUs) have been formally signed between GSSS Institute of Engineering and Technology for Women, Mysuru with leading industries like Infosys, Tequed Labs, DalvikApps, Drona Aviation Pvt. Ltd, Allinnov R & D Pvt. Ltd. and Karunadu Technologies, Bengaluru.

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## **VISION:**

Knowledge dissemination with development of future leaders in Information Technology having a research blend.

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## **MISSION:**

**M1:** To equip students with continuous learning process to acquire Hardware, Software and Computing knowledge to face new challenges.

**M2:** To inculcate the core Computer Science and Engineering components with discipline among the students by providing the state-of-the-art learner centric environment.

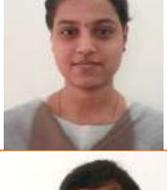
**M3:** To impart essential knowledge through quality and value based education to mould the, leadership roles by possessing good

**M4:** To provide a platform to collaborate with successful people from entrepreneurial and research domains to learn and accomplish.

**PLACEMENT DETAILS 2022-2023**No. of Placement Offers - **197**No. of Individual Students Placed - **102/135****Batch: 2019 – 2023**

| SL NO | Student Name  | USN        | Name of the Company Placed                                 | CTC                                 | Photo   |
|-------|---------------|------------|--|-------------------------------------|---|
| 1.    | ADITHI P      | 4GW19CS001 | HPE- R&D<br>Cognizant (Gen C)                              | 17.5 LPA<br>4 LPA                   |    |
| 2.    | AISHWARYA K M | 4GW19CS003 | Kyndryl  | 5.10 LPA                            |   |
| 3.    | AISHWARYA L R | 4GW19CS004 | Dell Technologies (IT)<br>Accenture                        | 12.34 LPA<br>4.5 LPA                |  |
| 4.    | AISHWARYA S   | 4GW19CS005 | Telstra<br>Capgemini                                       | 10 LPA<br>4.25 LPA                  |  |
| 5.    | AMREEN TAJ    | 4GW19CS007 | Technotree   | 5 LPA                               |  |
| 6.    | AMRUTHA P     | 4GW19CS008 | ThoughtWorks   | 22K/M                               |  |
| 7.    | AMULYA ANAND  | 4GW19CS009 | State Street Corporation<br>E&Y (GDS)<br>Cognizant (Gen C) | 30K/M, 8.6 LPA<br>4.83 LPA<br>4 LPA |  |

|     |                                  |            |  |                                |   |
|-----|----------------------------------|------------|--|--------------------------------|---|
| 8.  | ANANYA M S                       | 4GW19CS010 | Honeywell<br>Tricon Infotech                             | 30K/M, 9 LPA<br>5.5-6 LPA      |    |
| 9.  | ANJALI B                         | 4GW19CS011 | Samsung R&D<br>E&Y (GDS)<br>Accenture                    | 20 Lakh<br>4.83 LPA<br>4.5 LPA |    |
| 10. | ANUSHA M                         | 4GW19CS012 | Capgemini  | 4.25 LPA                       |    |
| 11. | ANUSHA S P                       | 4GW19CS013 | Capgemini  | 4.25 LPA                       |    |
| 12. | ANUSHA V                         | 4GW19CS014 | Kyndryl<br>Capgemini                                     | 5.10 LPA<br>4.25 LPA           |  |
| 13. | APOORVA A                        | 4GW19CS015 | Cognizant (Gen C)<br>Lululemon<br>Dell Technologies (IT) | 4 LPA<br>14 Lakhs<br>7.9 LPA   |  |
| 14. | ARPITHA V                        | 4GW19CS016 | Siemens<br>Capgemini                                     | 5 LPA<br>4.25 LPA              |  |
| 15. | ASHWINI B Y                      | 4GW19CS017 | Capgemini  | 4.25 LPA                       |  |
| 16. | BHASKARA<br>SAHITHI<br>SHANMUKHI | 4GW19CS022 | Boeing   | 8.5 LPA                        |  |

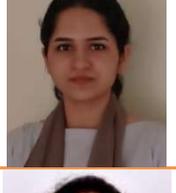
|     |                    |            |  |                                      |   |
|-----|--------------------|------------|--|--------------------------------------|---|
| 17. | BHAVANA J          | 4GW19CS023 | CGI  | 3.93 LPA                             |    |
| 18. | BHOOMIKA JAYAN     | 4GW19CS024 | Capgemini<br>Cognizant (Gen C)                 | 4.25 LPA<br>4 LPA                    |    |
| 19. | BHUMIKA S          | 4GW19CS025 | Honeywell<br>Kyndryl<br>Capgemini              | 30K/M, 9 LPA<br>5.10 LPA<br>4.25 LPA |    |
| 20. | BI BI SARAH        | 4GW19CS026 | Cognizant (Gen C)                              | 4 LPA                                |   |
| 21. | BOISHALI DAS       | 4GW19CS027 | Cognizant (Gen C)<br>Societe Generale (Socgen) | 4 LPA<br>6.6 LPA                     |  |
| 22. | CHAITHANYA H P     | 4GW19CS028 | Cognizant (Gen C)<br>Boeing                    | 4 LPA<br>8.5 LPA                     |  |
| 23. | CHANDANA<br>BALRAJ | 4GW19CS030 | HPE- R&D                                       | 17.5 LPA                             |  |
| 24. | D BINDUSHREE       | 4GW19CS031 | Visteon Corporation<br>E&Y (GDS)<br>Capgemini  | 7 LPA<br>4.83 LPA<br>4.25 LPA        |  |
| 25. | DEEKSHITHA V       | 4GW19CS033 | Cognizant (Gen C)                              | 4 LPA                                |  |

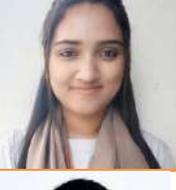
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|-----|-------------------|------------|---|--|---|
| 26. | H ANKITHA         | 4GW19CS035 | Schneider Electric  | 9 LPA                                    |    |
| 27. | HITHA KARIAPPAN   | 4GW19CS036 | Schneider Electric<br>E&Y (GDS)<br>Cognizant (Gen C)                            | 9 LPA<br>4.83 LPA<br>4 LPA               |    |
| 28. | INSHA TAZEEN      | 4GW19CS037 | Dell Technologies (IT)<br>Capgemini<br>Ericsson (AET role)                      | 8.23 LPA<br>4.25 LPA<br>4.5 LPA          |    |
| 29. | ISHREE C          | 4GW19CS038 | Capgemini   | 4.25 LPA                                 |    |
| 30. | K HITHA CHENGAPPA | 4GW19CS039 | Cognizant (Gen C)<br>Dell Technologies (IT)<br>Ericsson (AET role)<br>Capgemini | 4 LPA<br>8.23 LPA<br>4.5 LPA<br>4.25 LPA |   |
| 31. | KAJAL RAMESH HR   | 4GW19CS040 | Codeyoung   | 7.36 LPA                                 |  |
| 32. | KAVANA A          | 4GW19CS041 | Honeywell<br>Kyndryl  | 30K/M, 9 LPA<br>5.10 LPA                 |  |
| 33. | KAVYA             | 4GW19CS042 | TCS<br>Tech Mahindra  | 3.96 LPA<br>3.25 LPA                     |  |
| 34. | KAVYASHREE A      | 4GW19CS043 | Cognizant (Gen C)<br>HPE- R&D   | 4 LPA<br>40K/M                           |  |

|     |                    |            |   |                                 |   |
|-----|--------------------|------------|---|---------------------------------|---|
| 35. | KEERTANA<br>PANDIT | 4GW19CS044 | Visteon Corporation<br>Lululemon<br>Cognizant (Gen C) | 7 LPA<br>14 Lakhs<br>4 LPA      |    |
| 36. | KEERTHI B          | 4GW19CS045 | Siemens   | 5 LPA                           |    |
| 37. | KRUTHI M           | 4GW19CS047 | Schneider Electric                                    | 9 LPA                           |    |
| 38. | KSHAMA P S         | 4GW19CS048 | Capgemini   | 4.25 LPA                        |   |
| 39. | MADHUMITHA S K     | 4GW19CS051 | Schneider Electric                                    | 9 LPA                           |  |
| 40. | MAHALAKSHMI M<br>R | 4GW19CS053 | Ather Energy<br>Kyndryl<br>Capgemini                  | 10 LPA<br>5.10 LPA<br>4.25 LPA  |  |
| 41. | MAHESHWARI D N     | 4GW19CS054 | CGI   | 3.93 LPA                        |  |
| 42. | MARY ASHWINI M     | 4GW19CS056 | Societe Generale (Socgen)<br>Kyndryl<br>Capgemini     | 6.6 LPA<br>5.10 LPA<br>4.25 LPA |  |
| 43. | MEENAKSHI S        | 4GW19CS057 | Visteon Corporation<br>Cognizant (Gen C)              | 7 LPA<br>4 LPA                  |  |

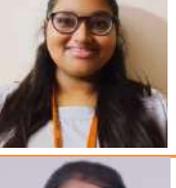
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|-----|------------------------|------------|--|--|---|
| 44. | MEGHANA<br>KASHYAP R S | 4GW19CS058 | Honeywell<br>Ericsson (AET role)<br>Capgemini            | 30K/M, 9 LPA<br>4.5 LPA<br>4.25 LPA      |    |
| 45. | MEGHANA R<br>GOWDA     | 4GW19CS059 | Victoria's Secret  | 8.96 LPA                                 |    |
| 46. | MEGHANA V              | 4GW19CS060 | Cognizant (Gen C)<br>Lululemon<br>E&Y (GDS)<br>Accenture | 4 LPA<br>14 Lakhs<br>4.83 LPA<br>4.5 LPA |    |
| 47. | MOUNASHREE H P         | 4GW19CS062 | Capgemini  | 4.25 LPA                                 |    |
| 48. | MRUNAL S<br>DESHMUKH   | 4GW19CS063 | Honeywell  | 30K/M, 9 LPA                             |   |
| 49. | NAGAPRIYA P B          | 4GW19CS064 | Honeywell<br>Happiest Minds                              | 30K/M, 9 LPA<br>5.4 LPA                  |  |
| 50. | NANDITHA M P           | 4GW19CS065 | Lululemon  | 14 Lakhs                                 |  |
| 51. | NAVYA B R              | 4GW19CS067 | CGI  | 3.93 LPA                                 |  |
| 52. | NAVYA R                | 4GW19CS068 | Honeywell<br>Kyndryl                                     | 30K/M, 9 LPA<br>5.10 LPA                 |  |

|     |                 |            |   |                                  |   |
|-----|-----------------|------------|---|----------------------------------|---|
| 53. | NAVYA SHREE M P | 4GW19CS069 | HPE- R&D                                  | 40K/M                            |    |
| 54. | NISHANI K       | 4GW19CS070 | Telstra<br>Capgemini<br>Cognizant (Gen C) | 10 LPA<br>4.25 LPA<br>4 LPA      |    |
| 55. | NITHYA J        | 4GW19CS071 | Kyndryl                                   | 5.10 LPA                         |    |
| 56. | P NAMRATHA      | 4GW19CS072 | Capgemini<br>Kyndryl                      | 4.25 LPA<br>5.10 LPA             |    |
| 57. | PRANJALA J      | 4GW19CS074 | Capgemini<br>Lululemon<br>Kyndryl         | 4.25 LPA<br>14 Lakhs<br>5.10 LPA |   |
| 58. | PRAVARTHINI S   | 4GW19CS075 | Capgemini                                 | 4.25 LPA                         |  |
| 59. | PREKSHA RAI B   | 4GW19CS076 | ThoughtWorks<br>Visteon Corporation       | 22K, 11.1 LPA<br>7 LPA           |  |
| 60. | RAKSHA MAHESH   | 4GW19CS078 | Capgemini                                 | 4.25 LPA                         |  |
| 61. | RAKSHITHA J     | 4GW19CS079 | CGI                                       | 3.93 LPA                         |  |

|     |                      |            |  |  |   |
|-----|----------------------|------------|--|--|---|
| 62. | RAKSHITHA S          | 4GW19CS080 | Content Stack<br>Siemens<br>Ericsson (AET role)                    | 12 LPA<br>5 LPA<br>4.5 LPA                     |    |
| 63. | RASHMI M             | 4GW19CS081 | Dell Technologies (IT)<br>Kyndryl                                  | 7.9 LPA<br>5.10 LPA                            |    |
| 64. | REETHA B<br>HOSAMANI | 4GW19CS082 | Siemens<br>Capgemini   | 5 LPA<br>4.25 LPA                              |    |
| 65. | RITHVIK M T          | 4GW19CS083 | Ericsson (GET- Digital role)<br>Capgemini<br>Visteon Corporation   | 8.25 LPA<br>4.25 LPA<br>7 LPA                  |   |
| 66. | SAHANA               | 4GW19CS084 | Lululemon  | 14 Lakhs                                       |  |
| 67. | SAHANA EDIGAR H<br>P | 4GW19CS085 | Clarivate Analytics<br>Siemens<br>Capgemini                        | 8.10 LPA<br>5 LPA<br>4.25 LPA                  |  |
| 68. | SAHANA R             | 4GW19CS087 | Applied Materials<br>Capgemini                                     | 9.67 LPA<br>4.25 LPA                           |  |
| 69. | SAKALA S M           | 4GW19CS088 | HashedIn by Deloitte<br>Capgemini<br>Cognizant (Gen C)             | 8.10 LPA<br>4.25 LPA<br>4 LPA                  |  |
| 70. | SAMANA K             | 4GW19CS089 | ThoughtWorks<br>State Street Corporation<br>Accenture<br>Capgemini | 22K/M<br>30K/M, 8.6 LPA<br>4.5 LPA<br>4.25 LPA |  |

|     |                       |            |  |                                 |   |
|-----|-----------------------|------------|--|---------------------------------|---|
| 71. | SAMANVITHA C<br>RAVAL | 4GW19CS090 | Cognizant (Gen C)<br>Capgemini<br>Codeyoung  | 4 LPA<br>4.25 LPA<br>7.36 LPA   |    |
| 72. | SAMIKSHA V            | 4GW19CS091 | Schneider Electric<br>E&Y (GDS)<br>Capgemini | 9 LPA<br>4.83 LPA<br>4.25 LPA   |    |
| 73. | SAMYUKTHA S           | 4GW19CS092 | HPE- R&D<br>Capgemini                        | 40K/M<br>4.25 LPA               |    |
| 74. | SANJANA M             | 4GW19CS094 | Nokia<br>Capgemini                           | 8.2 LPA<br>4.25 LPA             |    |
| 75. | SHAHANA BANU          | 4GW19CS095 | Siemens                                      | 5 LPA                           |   |
| 76. | SHAMITHA B C          | 4GW19CS096 | Schneider Electric<br>Cognizant (Gen C)      | 9 LPA<br>4 LPA                  |  |
| 77. | SHEETAL GANESH<br>B   | 4GW19CS097 | Tech Mahindra<br>Embitel Technologies        | 3.25 LPA<br>8 LPA               |  |
| 78. | SHOP CHARITHA         | 4GW19CS098 | Kyndryl                                      | 5.10 LPA                        |  |
| 79. | SHRAVYA C             | 4GW19CS099 | Capgemini<br>DXC Technology<br>Lululemon     | 4.25 LPA<br>4.2 LPA<br>14 Lakhs |  |

|     |                     |            |  |                                |   |
|-----|---------------------|------------|--|--------------------------------|---|
| 80. | SHRUTHI A S         | 4GW19CS101 | Dell Technologies (IT)<br>E&Y (GDS)<br>Accenture | 7.9 LPA<br>4.83 LPA<br>4.5 LPA |    |
| 81. | SMITHA B            | 4GW19CS104 | FACE prep  | 3.06 LPA                       |    |
| 82. | SONIA K             | 4GW19CS105 | Visteon Corporation                              | 7 LPA                          |    |
| 83. | SOUJANYA P<br>DESAI | 4GW19CS106 | HPE- R&D<br>Capgemini<br>Cognizant (Gen C)       | 40K/M<br>4.25 LPA<br>4 LPA     |   |
| 84. | SOWJANYA N          | 4GW19CS107 | Capgemini  | 4.25 LPA                       |  |
| 85. | SREERAKSHA M R      | 4GW19CS108 | Nokia<br>Siemens<br>Capgemini                    | 8.2 LPA<br>5 LPA<br>4.25 LPA   |  |
| 86. | SRI VAIBHAVI K V    | 4GW19CS109 | Societe Generale (Socgen)<br>Kyndryl             | 6.6 LPA<br>5.10 LPA            |  |
| 87. | SURAKSHA M          | 4GW19CS110 | CGI<br>Honeywell                                 | 3.93 LPA<br>30K/M, 9 LPA       |  |
| 88. | SUSHMITHA H K       | 4GW19CS112 | Accenture<br>HPE- R&D                            | 4.5 LPA<br>17.5 LPA            |  |

|     |                |            |  |  |   |
|-----|----------------|------------|--|--|---|
| 89. | SUSHMITHA K    | 4GW19CS113 | Telstra<br>Accenture<br>Capgemini<br>Cognizant (Gen C Elevate) | 10 LPA<br>4.5 LPA<br>4.25 LPA<br>4 LPA |    |
| 90. | SWATHI P B     | 4GW19CS114 | ECOLAB<br>Capgemini<br>Cognizant (Gen C)                       | 9.84 LPA<br>4.25 LPA<br>4 LPA          |    |
| 91. | THANMAYI Y     | 4GW19CS116 | Boeing<br>Cognizant (Gen C)                                    | 8.5 LPA<br>4 LPA                       |    |
| 92. | THANUSHREE M N | 4GW19CS117 | Telstra<br>Visteon Corporation                                 | 10 LPA<br>7 LPA                        |   |
| 93. | VACHANA L      | 4GW19CS119 | Clarivate Analytics<br>Siemens<br>Capgemini                    | 8.10 LPA<br>5 LPA<br>4.25 LPA          |  |
| 94. | VARSHINI P     | 4GW19CS120 | Dell Technologies (IT)<br>Capgemini                            | 7.9 LPA<br>4.25 LPA                    |  |
| 95. | VARSHITHA V    | 4GW19CS122 | Kyndryl<br>Capgemini   | 5.10 LPA<br>4.25 LPA                   |  |
| 96. | VEDASHREE R    | 4GW19CS123 | Glowtouch  | 2.56- 3.2 LPA                          |  |
| 97. | VYSHNAVI M R   | 4GW19CS124 | Lululemon<br>Ericsson (AET role)                               | 14 Lakhs<br>4.5 LPA                    |  |

|      |            |            |                                |                   |  |
|------|------------|------------|--------------------------------|-------------------|--|
| 98.  | YUKTHA N D | 4GW19CS126 | Capgemini<br>Cognizant (Gen C) | 4.25 LPA<br>4 LPA |   |
| 99.  | POOJA C    | 4GW20CS404 | Ericsson (AET role)            | 4.5 LPA           |   |
| 100. | SHILPA L   | 4GW20CS406 | CGI                            | 3.93 LPA          |   |
| 101. | SNEHA M R  | 4GW20CS409 | Glowtouch                      | 2.56- 3.2 LPA     |   |
| 102. | SUNITHA    | 4GW20CS410 | Happiest Minds                 | 5.4 LPA           |  |

## DEPARTMENTAL ACHEIVERS- BE (EVEN Semester )

### Semester VIII

First



**VARSHINI P**  
**4GW19CS120**  
**95.00%**

Second



**RITHVIK M T**  
**4GW19CS083**  
**94.80%**

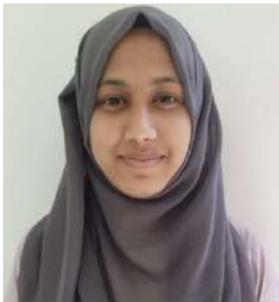
Third



**SHAMITHA B C**  
**4GW19CS096**  
**94.60%**

### Semester VI

First



**HAFSA**  
**4GW20CS034**  
**79.94%**

Second



**ANAGHA RAO**  
**4GW20CS006**  
**79.63 %**

Third



**KEERTHANA A**  
**4GW20CS040**  
**79.56 %**

### Semester IV

First



**MANASVI H**  
**4GW21CS053**  
**93.89 %**

Second



**YELLAAMELLI SAHITHI**  
**4GW21CS124**  
**92.29 %**

Third



**HARSHITHA K R**  
**4GW21CS035**  
**92.00 %**

## MoUs

### **Drona Aviation Private Limited, Thane, Maharashtra:**

A Memorandum of Understanding (MoU) between GSSS Institute of Engineering and Technology for Women, Mysuru and Drona Aviation Private Limited, Thane, Maharashtra was signed on 27.07.2022 at GSSSIETW, Mysuru with a Focus on preparing students for Internship programmes, organizing workshops and other skill development programmes for the benefit of the students of Computer Science and Engineering.

### **Karunadu Technologies Private Limited, Bengaluru:**

A Memorandum of Understanding (MoU) between GSSS Institute of Engineering and Technology for Women, Mysuru and Karunadu Technologies Private Limited, Bengaluru was signed on 04.12.2021 at GSSSIETW, Mysuru with a Focus on preparing students for Hackathon competitions, internship programmes, organizing workshops and other skill development programmes for the benefit of the students of Computer Science and Engineering.

### **Dalvik Apps, Mumbai:**

MoU was established in April 2017 between Dalvik Apps and GSSSIETW for organizing specialized workshop / Training in Mobile Application Development.

### **Allinnov Research & Development Pvt. Ltd., Mysuru:**

MoU was established with Allinnov Research & Development Pvt. Ltd., Mysuru on 14th March 2018 to collaborate and develop innovated patented products of industry with the help of Industry's representatives and research team along with students and faculties of institution.

### **Tequed Labs, Bengaluru:**

MoU was established with Tequed Labs, Bengaluru on 10th August 2019 to create a Centre of Excellence in IoT, to host Student Competitions and Hackathons on IoT and to train GSSSIETW students for national, international level competitions and Hackathons.

## DEPARTMENT ACTIVITIES

### Hackathon Winners



5th semester students Lakshmi A, Divya Umesh Deshner, Kruthi J and Sanjana S won second place with cash price of Rs. 50,000 in Hackathon conducted by cirrus labs, Bangalore on 12-12-2022

### Three Day Workshop on “Introduction to Machine learning using Python” from 24th to 26th July 2023



The Department of Computer Science & Engineering organized a Three Day Workshop on “Introduction to Machine learning using Python” in association with CSI Mysore Chapters for 4th semester Computer Science & Engineering students from 24th to 26th July 2023. Mr. Harish N, Mr. Sunil Kumar S, and Mahesh Deginal from Karunadu Technologies Pvt. Ltd., Bangalore were the resource persons for the workshop.

## PROFESSIONAL ACTIVITIES UNDER TECHNICAL FORUM – ARCS

The Department has a student association called ARCS (Association of Rising Computer science Students) which was formed in the year 2011.

### Objectives of ARCS:

- To promote team building activities that is required for working effectively in small diverse groups.
- To plan and organize activities like Technical / Personality Development Workshops, Seminars, Industry Visits, etc.
- To provide a platform for students to interact with eminent Academicians, Industry and Research Professionals.

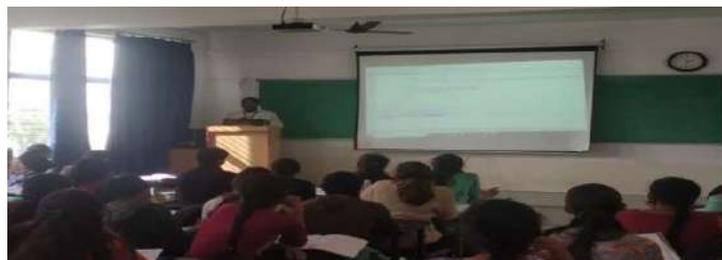
ARChiS, the Newsletter of the Department is released in every year to showcase the activities of the department.

### Two Day Workshop On “Building Machine Learning Applications using Python for Data Science” from 27<sup>th</sup> to 28<sup>th</sup> July



**Mr. Amit Thool** , Associate partner, Drona Aviation Private Limited ,**Mr. Gaurav Singh**, Associate partner, Drona Aviation Private Limited , **Mr. Ravish Rajput** , Jr. Engineer, Drona Aviation Private Limited , Thane, Maharashtra were the resource persons for the workshop.

### Technical talk on “How to develop real time database projects” on 05<sup>th</sup> January



Webinar by Santhosh M, Assistant Professor, Department Of CSE, GSSSIETW, Mysuru along with V semester students.

## Webinar on “IPR and Its Protection in India” on 20<sup>th</sup> July



Webinar by Manuj Gangwar, Examiner of Patents & Designs, Patent Office, Chennai along with 7 semester students.

## “Building Internet of Things applications using Arduino”



Mr. Jagadeswaran R Technical Engineer of Enthu Technology Solutions India Pvt. Ltd, Coimbatore was the Resource Person for the workshop “Building Internet of Things applications using Arduino”

## Two Days Workshop on “Application Development Using Python Programming” on 17<sup>th</sup> & 18<sup>th</sup> January 2023



SkillUp Academy Soundary explaining the students about the training of contents application development Using python ,Introduction session was attended by Dr.Meenaskashi Sudaram Professor and HOD dept.of CSE,Dr.Raviraj P Associate professor,Dept. Of CSE and the trainers of SkillUp Academy

## Industrial visit



**Stellapps Manufacturing and Assembly unit, Bengaluru on 18<sup>th</sup> and 19<sup>th</sup> May 2023 for 6<sup>th</sup> semester students**



**HCCB Bidadi, Bengaluru on 6<sup>th</sup> Dec 2022 for 5<sup>th</sup> Semester Students**

## STUDENTS ACHIEVEMENTS

### Students Participation in Various Events 2022-2023

| Sl. No. | Name of the Event   | Count |
|---------|---|-------|
| 1       | Student Project Competition   | 62    |
| 2       | Student Development Programme (Tech Talks / Guest Lecture /Workshops) | 47    |
| 3       | Internship  | 135   |
| 4       | MOOC Courses  | 95    |

### In-House Project Students Achievements-2022-23

#### STATE LEVEL

#### 46<sup>th</sup> Series of Student Project Programme: 2022-23 KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

| Sl. No. | Student Name  | Guide   | Project Title   | Duration |
|---------|---|---------|---|----------|
| 1       | Ms.Meghana R Gowda<br>Ms.Ayesha Siddiqua Ms.Keerthi M<br>Ms.Lavanya R | RS.5000 | IoT for Detection of Milk Adulteration based Milk Monitoring System | 2022-23  |
| 2       | Ms.Thanmayi Y<br>Ms.Suraksha M<br>Ms.Varshitha V                      | RS.4000 | Unusual Crowd Activity Detection using OpenCV and Motion Influence  | 2022-23  |

## FACULTY ACHIEVEMENTS

### Faculties Participation in Various Events 2022-2023

| Sl.NO | Name of the Event                  | Count |
|-------|------------------------------------|-------|
| 1     | National Conference                | 0     |
| 2     | Scopus Indexed Journals            | 10    |
| 3     | Faculty Development Programme      | 49    |
| 4     | Webinars                           | 16    |
| 5     | Seminars                           | 0     |
| 6     | Resource Person for various Events | 3     |
| 7     | Session Chairs                     | 1     |
| 8     | Paper review committee             | 2     |
| 9     | Thesis Evaluated                   | 2     |

**DETAILS OF PH.D SCHOLORS AWARDED FROM AUG 2023-JUNE 2024**

| Name of the Ph.D Scholar | USN        | Name of the Research Topic                                 | Year of Completion | Year of Registration |
|--------------------------|------------|--|--------------------|----------------------|
| Mr. Rajashekar M B       | 4GW17PEA01 | Building a Trust Model to preserve privacy of Mobile Users | 2023               | 2017                 |

**VTU RECOGNIZED RESEARCH CENTRE****Details of Research Scholars 2022-2023**

VTU, Belagavi granted approval to the Research Centre of CSE Department during the academic 2016-2017. Presently three Research Supervisors, recognized by VTU are guiding 13 research scholars in Part Time in the Research Centre. The details of Research Scholars pursuing Research in the CSE Department are:

**No. of Research Guides - 03**

**No. of Research Scholars awarded Ph.D. - 05**

**No. of Research Scholars Pursuing Ph.D. – 13 (8-External Scholars, 5-Internal Scholars)**

**No. of Publications by Research Scholars – 33**

**Research Scholars Pursuing Ph.D**

| Sl. No. | Name of the Research Guide                        | Name of the Research Students/ USN  | Name of the Research Topic   | Status                   | Year of Registration |
|---------|---|-------------------------------------|--|--------------------------|----------------------|
| 1.      | <b>Dr. P Raviraj</b><br>Professor<br>Dept. of CSE | Mr. Vishwesh J<br>4GW19PCS01        | Noise Removal and Fusion-Based Feature Extraction Approach for the Detection of EEG Motor Imagery using Deep Learning Algorithms | Thesis submitted         | 2019                 |
| 2.      |   | Mrs. Impana Appaji<br>4GW19PCS02    | Data Analytics and Computational Intelligence for Smart Traffic Management System using VANET framework                          | Open seminar-2 completed | 2019                 |
| 3.      |   | Mrs. Usha Rani J<br>4GW20PCS07      | Re-Modeling of Human Detection with Video Surveillance using Machine Learning  | Course work completed    | 2020                 |
| 4.      |   | Mrs. Aishwarya Rajeev<br>4GW20PCS01 | A Novel Approach to Digital Forensics using Machine Learning   | Course work completed    | 2020                 |

|    |  |                               |  |                                 |      |
|----|--|-------------------------------|--|---------------------------------|------|
| 5. |  | Mrs. Neethi M V<br>4GW18PCS05 | Mango Crop Yield Estimation<br>using Machine Vision Techniques | Comprehensive<br>Viva completed | 2018 |
|----|--|-------------------------------|--|---------------------------------|------|

|    |   |                                      |   |                                       |      |
|----|---|--------------------------------------|---|---------------------------------------|------|
| 6. | <b>Dr. Roopashree H R</b><br>Assoc. Professor<br>Dept. of CSE | Mr. Mahendra G<br>4GW18PCS03         | Data Mining Framework for<br>Futuristic Transportation<br>System Using Big Data                                       | Thesis submitted                      | 2018 |
| 7. |   | Mr. Venkatesh Prasad S<br>4GW17PEA10 | Secure trust based Data<br>Aggregation using game theory<br>Techniques for improving<br>network life time in WSN      | Open Seminar-1<br>submitted           | 2017 |
| 8. |   | Mrs. Chhaya S Dule<br>4GW15PEJ05     | Security Paradigms for<br>Efficient Privacy Preservation<br>on Cloud Infrastructure                                   | Thesis submitted                      | 2015 |
| 9. |   | Mrs. Asha Rani M<br>4GW20PCS02       | An Energy efficient & Secured<br>routing protocol using<br>optimization & Trust value for<br>wireless Sensor Networks | Course work<br>completed              | 2020 |
| 10 |   | Mr.Kiran M P<br>4GW20PCS04           | Analytical Framework for<br>Precision Agriculture using<br>Machine Learning in IoT                                    | Partially<br>completed Course<br>work | 2020 |
| 11 |   | Ms.Divya K S<br>4GW18PCS04           | A Multiparty Optimistic Non-<br>Repudiation Protocol with<br>Nototrization  | Open Seminar 2<br>completed           | 2018 |

### Research Scholars Awarded Ph.D

| SI<br>No. | Name of the<br>Research Guide  | Name of the Research<br>Students/ USN | Name of the Research<br>Topic   | Status  | Year<br>of<br>Registrati<br>on |
|-----------|--|---------------------------------------|---|---|--------------------------------|
| 1         | <b>Dr. S Meenakshi Sundaram</b><br>Professor and Head,<br>Dept. of CSE | Mrs. Tejaswini R Murgod<br>4GW17PES04 | An approach for Cross Layer<br>Design and Route Optimization<br>Techniques in Under Water<br>Optical Wireless<br>Communication Networks | <b>Ph.D Awarded<br/>During<br/>March 2022</b> | 2017                           |
| 2         |  | Mrs. Manjula K<br>4GW17PES05          | Certain investigations to handle<br>dynamic transformations in<br>nodes for load balancing using<br>game theory approach                | <b>Ph.D Awarded<br/>during<br/>May 2022</b>   | 2017                           |

|   |                                      |  |   |      |
|---|--------------------------------------|--|---|------|
| 3 | Mr. Rajashekar M B<br>4GW17PEA01     | Building a Trust Model to<br>preserve privacy of Mobile<br>Users                             | <b>Ph.D Awarded<br/>During<br/>Feb 2023</b> | 2017 |
| 4 | Mr. Manjunatha Swamy C<br>4GW18PCS02 | Big Data Analytic approach to<br>Web information extraction<br>using Bio inspired Algorithms | <b>Ph.D Awarded<br/>During</b>              | 2018 |

### [Editorial Team](#)

**Dr. Raviraj P**, Professor and Head, Department of CSE

**Ms. Darshini M S**, Assistant Professor, Department of CSE