



**K.S. SCHOOL OF ENGINEERING AND MANAGEMENT, BANGALORE**

**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**FUNDED PROJECTS SUMMARY**

The CSE department has an R & D Centre affiliated by Visveswaraya Technological University (VTU). The **research projects** worth **Rs. 45,500** are either completed or ongoing. Some of these are funded by Government of Karnataka, Vision Group on Science and Technology (VGST), Karnataka State Council for Science and Technology (KSCST), Visveswaraya Technological University (VTU) and Institution of Engineers IE(I).

| Year         | No. of sponsored<br>Students Projects | Faculty Projects | Amount Sanctioned | Status    |
|--------------|---------------------------------------|------------------|-------------------|-----------|
| 2021-22      | 1                                     | -                | 6000/-            | Completed |
| 2022-23      | 4                                     | -                | 16000/-           | Completed |
| 2023-24      | 4                                     | -                | 12,000/-          | Completed |
| 2024-25      | 4                                     | -                | 11,500/-          | Completed |
| <b>Total</b> |                                       |                  | <b>45,500/-</b>   |           |

Sd /-  
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Prof. & Head  
Dept of CSE  
KSSEM



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**DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING**

**FUNDED PROJECTS**

(2021-2022)

| S. No | Funding agency/Scheme                 | Title of project                               | Name of the coordinator/<br>Guide/PI &<br>Co-PI | Name of the Students  | Duration | Amount sanctioned | Status    |
|-------|---------------------------------------|--|---|---|----------|-------------------|-----------|
| 1     | KSCST SPP-<br>45 <sup>th</sup> Series | Pot Hole<br>Detection<br>Using Sensor<br>Robot | Mrs. R S<br>Geethanjali                         | Ms. Sowmya Y J<br>Ms. Veena H<br>Ms. Ranjitha V<br>Ms. Rakshitha<br>Katti | 6 Months | 6000              | Completed |
| Total |                                       |  |   |   |          | 6,000/-           |           |

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**FUNDED PROJECTS**

**(2022-2023)**

| S. No        | Funding agency/Scheme               | Title of project  | Name of the coordinator/Guide /PI & Co-PI | Name of the Students   | Duration | Amount sanctioned | Status    |
|--------------|-------------------------------------|---|---|--|----------|-------------------|-----------|
| 1            | KSCST SPP-46 <sup>th</sup> series - | Detection of Adulteration in Fruits and Vegetables                      | Mrs. Jayashubha J                         | Mr. Chetan<br>Raju P H<br>Ms. D Rakshitha<br>Ms. K B Likitha<br>Mr. Modala Chetan              | 6 Months | 5000              | Completed |
| 2            | KSCST SPP-46 <sup>th</sup> series   | Voice Based Email for Visually Impaired                                 | Mrs. Nita Meshram<br>Mrs. Amitha S        | Ms. Gagana M<br>Ms. Brundha K  | 6 Months | 4000              | Completed |
| 3            | KSCST SPP-46 <sup>th</sup> series   | Machine learning Based Model for Prediction of Autism Spectrum Disorder | Mrs. Sandhya A kulkarni                   | Mr. Dhanush<br>Vasudevaraju<br>Mr. Dinesh M<br>Mr. C. Ramesh<br>Chandra<br>Mr. C Sai Ranganath | 6 Months | 4000              | Completed |
| 4            | KSCST SPP-46 <sup>th</sup> series   | Classification And Analysis of Medical Scans                            | Mrs. Thejaswini M S                       | Mr. Rakshith B N<br>Mr. Sathish Kumar S<br>Ms. Deepika P N<br>Ms. Suraksha<br>Rachana          | 6 Months | 3000              | Completed |
| <b>Total</b> |                                     |   |   |  |          | <b>16000/-</b>    |           |

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**FUNDED PROJECTS**

**(2023-2024)**

| S. No        | Funding agency/Scheme             | Title of project   | Name of the coordinator/Guide /PI & Co-PI  | Name of the Students  | Duration | Amount sanctioned | Status    |
|--------------|-----------------------------------|--|--|---|----------|-------------------|-----------|
| 1            | KSCST SPP-47 <sup>th</sup> series | Energy Harvesting while Walking                              | Mrs. Sushmitha Suresh<br>Mrs. Chandana V S | Ms. Suchitra M B<br>Mr. V Yashwanth Naidu<br>Mr. Vikram C<br>Mr. Vishwanath Vivek | 6 Months | 4000              | Completed |
| 2            | KSCST SPP-47 <sup>th</sup> series | Life Expectancy Post Thoracic Surgery Using Machine Learning | Mrs. Chandana V S<br>Mrs. Sushmitha Suresh | Ms. Nandini V<br>Ms. Nishmitha R<br>Ms. Nitya A<br>Mr. Roshan Kumar L             | 6 Months | 2000              | Completed |
| 3            | KSCST SPP-47 <sup>th</sup> series | Sepsis prediction  | Mrs. Nagaveni B Nimbal                     | Mr. Prithivi Raj Chavan<br>Mr. Sagar Naidu<br>Mr. Rahul B M<br>Mr. Nikhil K H     | 6 Months | 2000              | Completed |
| 4            | KSCST SPP-47 <sup>th</sup> series | Waste Segregation and Management Using Deep Learning And     | Mrs. Jayashubha J                          | Mr. Bhushan P<br>Ms. Likitha L Mahesh<br>Mr. Kumaraswamy N<br>Ms. Lavanya M       | 6 Months | 4000              | Completed |
| <b>Total</b> |                                   |  |  |   |          | <b>12000/-</b>    |           |

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**FUNDED PROJECTS**

**(2024-2025)**

| S. No        | Funding agency/Scheme             | Title of project  | Name of the coordinator /Guide/ PI & Co-PI | Name of the Students  | Duration | Amount Sanctioned | Status    |
|--------------|-----------------------------------|---|--|---|----------|-------------------|-----------|
| 1            | KSCST SPP-48 <sup>th</sup> series | Prediction Of Antibiotic Resistance in Urinary Tract Infection (UIT)  | Mrs. Supriya Suresh                        | Mr. Amith C Suri<br>Ms. M Surabhi<br>Ms. Manasvi K M<br>Ms. Sanjana S Vasista     | 6 Months | 2000              | Completed |
| 2            | KSCST SPP-48 <sup>th</sup> series | Voice Based Email System for Blinds with Image Captioner              | Mrs. Nagaveni B Nimbal                     | Ms. Nandana M<br>Mr. Dhanush U S  | 6 Months | 3000              | Completed |
| 3            | KSCST SPP-48 <sup>th</sup> series | Block Chain in Electronic s Industry for the Supply Chain Manageme nt | Mr. Harshavardh an J R                     | Mr. Ramki G K L<br>Ms. Neha U<br>Ms. Vaishnavi U Kulkarni                         | 6 Months | 3000              | Completed |
| 4            | KSCST SPP-48 <sup>th</sup> series | Video Summarization   | Mrs. Belji T                               | Mr. Veekshith V<br>Mr. Vaibhav E S<br>Mr. Sudharshan S Kakalwar<br>Ms. Sinchana S | 6 Months | 3500              | Completed |
| <b>Total</b> |                                   |   |  |   |          | <b>11,500/-</b>   |           |

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