# Alva's Institute of Engineering & Technology

**Shobhavana Campus, Mijar, Moodbidri, D.K – 574225**

## Department of Information Science and Engineering

in association with

## Institution's Innovation Council

## *Students' Innovative Project Competition*

**26th April 2023**

## ***Event Report***

The Department of Information Science and Engineering has organized Students' Innovative Project Competition for the final year students of ISE department on 26th April 2023, in association with the Institution Innovation Council (IIC), an Initiative of MHRD. Dr. Ahamed Shafeeq B M, Professor, Department of

Computer Science & Engineering, Manipal Institute of Technology, Manipal, Karnataka was the external judge and Dr. G. Srinivasan, Professor, Department of Computer Science & Engineering, Alva's Institute of Engineering & Technology is the internal judge for evaluating the projects.

A total of 66 students had participated in the competition which was divided into 17 batches. Following are the details of students along with project title.

| S. No. | Batch No. | USN | Name | Title of the Project |
|---|---|---|---|---|
| 1. | B1 | 4AL19IS020 | LATHESH | AUTOMATIC MUSIC CONTROL USING IMAGE PROCESSING AND MEDIA PIPE |
| 2. | | 4AL19IS008 | ARUNDATHI S BHAT | |
| 3. | | 4AL19IS042 | RAKSHITHA | |
| 4. | | 4AL19IS044 | RAVISH | |
| 5. | B2 | 4AL19IS049 | SHIVARAJ | AUTOMATIC IMAGE FRAGMENTATION FOR THE DETECTION OF ILLENESS IN CASH CROPS USING DEEP LEARNING |
| 6. | | 4AL19IS001 | ABHISHEK | |
| 7. | | 4AL19IS045 | SATHWIK | |
| 8. | | 4AL19IS010 | BHUVANA | |
| 9. | B3 | 4AL19IS024 | MANOJ | SKIN CANCER DETECTION USING MACHINE LEARNING |
| 10. | | 4AL19IS013 | CHANDAN H | |
| 11. | | 4AL19IS056 | SHRUTHI CS | |
| 12. | | 4AL19IS061 | VAISHNAVI P S | |
| 13. | B4 | 4AL19IS030 | NISHA T | DETECTING SLEEPINESS OF THE DRIVER USING IMAGE PROCESSING TECHNIQUE |
| 14. | | 4AL19IS051 | SHRAVYA | |
| 15. | | 4AL19IS026 | NAMRATHA | |
| 16. | | 4AL19IS063 | VSHKER | |
| 17. | B5 | 4AL19IS002 | ABHISHEK V D | HUMAN ACTION RECOGNITION USING DEEP LEARNING TECHNIQUE |
| 18. | | 4AL19IS003 | ADARSH | |

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| 19. | | 4AL19IS025 | MAYOORI | |
| 20. | | 4AL19IS052 | SHREYA L | |
| 21. | B6 | 4AL19IS023 | MANISHA | FOOD RECOGNITION AND CALORIE MEASUREMENT USING IMAGE PROCESSING AND CNN ALGORITHM |
| 22. | | 4AL19IS017 | JEEVITHA | |
| 23. | | 4AL19IS041 | RAKSHITH | |
| 24. | | 4AL19IS031 | PAVAN | |
| 25. | B7 | 4AL19IS007 | ANUSHA | MISSING PERSON IDENTIFICATION USING CONVOLUTIONAL NEURAL NETWORK |
| 26. | | 4AL19IS058 | SWATHI | |
| 27. | | 4AL19IS057 | SUDEEPA | |
| 28. | | 4AL19IS005 | AMRUTHA | |
| 29. | B8 | 4AL18IS018 | PRAKYATH | PLANT LEAF DISEASE DETECTION USING KNN ALGORITHM |
| 30. | | 4AL18IS027 | VIBHA MOHAN | |
| 31. | | 4AL19IS035 | PRATHIKSHA | |
| 32. | | 4AL19IS006 | ANANYA H S | |
| 33. | B9 | 4AL19IS012 | BRIJESH REDDY K H | PROTOCOLS FOR STORING, DISPLAYING, ERASING AND RETRIEVING PLAIN TEXT IMAGES IN THE CLOUD USING WATERMARKING-BASED TECHNIQUE |
| 34. | | 4AL19IS037 | PRENITA PRINSAL | |
| 35. | B10 | 4AL19IS036 | PREETHI | BREAST CANCER CLASSIFICATION AND IDENTIFICATION FROM HISTOPATHOLOGICAL IMAGES USING DEEP LEARNING MODEL |
| 36. | | 4AL19IS022 | MANILA | |
| 37. | | 4AL19IS011 | BINDHU | |
| 38. | | 4AL19IS038 | PUSHVIN | |
| 39. | B11 | 4AL19IS027 | NAYANA | IoT BASED MILK QUALITY MONITORING SYSTEM |
| 40. | | 4AL19IS028 | DEEPAK | |
| 41. | | 4AL19IS029 | NISHA M | |
| 42. | | 4AL19IS050 | SHRAVANI | |
| 43. | B12 | 4AL19IS059 | THIRTHA | BLOCK CHAIN BASED VACCINATION RECORD TRACKING |
| 44. | | 4AL19IS053 | SHREYAS MOOLYA | |
| 45. | | 4AL19IS039 | YAJNESH | |
| 46. | | 4AL19IS048 | YASH SHETTY | |
| 47. | B13 | 4AL19IS032 | POORNACHANDRA S | TRAFFIC LANE DETECTION USING MACHINE LEARNING TECHNIQUE |

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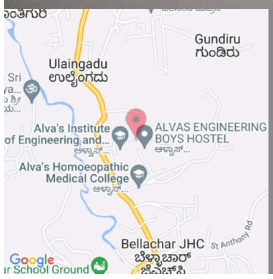
| 48. | | 4AL19IS033 | PRASAD PATIL | |
| 49. | | 4AL19IS040 | RAGAVENDRA C V | |
| 50. | | 4AL19IS034 | PRASHANTH N M | |
| 51. | B14 | 4AL19IS014 | FAYIZ | FORECASTING SYSTEM OF DISEASES USING MULTIPLE MACHINE LEARNING LGORITHMS |
| 52. | | 4AL19IS046 | SHARANYA | |
| 53. | | 4AL19IS054 | SHRIHASTHA | |
| 54. | | 4AL19IS062 | VARSHITH | |
| 55. | B15 | 4AL19IS015 | GAGAN R J | CROP ECOMMENDATION AND EARLY DETECTION OF DISEASE USING MACHINE LEARNING AND IMAGE PROCESSIHNG |
| 56. | | 4AL19IS004 | ADWAITH P | |
| 57. | | 4AL19IS009 | BHAGYALAKSHI NAIK | |
| 58. | | 4AL19IS021 | MAMATHA D | |
| 59. | B16 | 4AL19IS016 | GOWTHAMI K M | HEART DISEASE DETECTION USING MACHINE LEARNING |
| 60. | | 4AL19IS060 | VAISHNAVI A S | |
| 61. | | 4AL19IS043 | RASHMI S K | |
| 62. | | 4AL19IS047 | SHEEKHA | |
| 63. | B17 | 4AL18IS014 | NAVEEN BHAVANI K | DETECTION OF PARKINSON’S DISEASE USING MACHINE LEARNING |
| 64. | | 4AL19IS055 | SHRIKARA R M | |
| 65. | | 4AL19IS019 | KAVYA KULKARNI | |
| 66. | | 4AL19IS018 | KFAROOQ ABDULLA | |

All the projects evaluated by the judges based on the Problem Formulation, Experimental Observations, Theoretical Modelling, Results, Presentation, Answering Queries and impact on Society and Economic Benefits. Following are some sample snapshots taken during project exhibition.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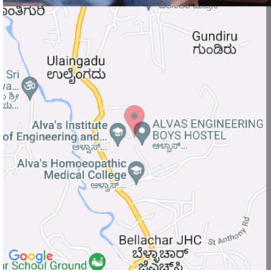


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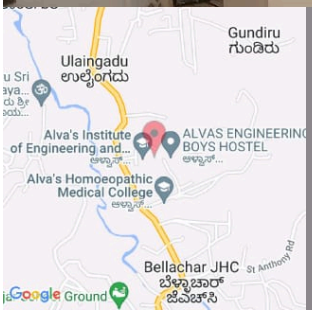


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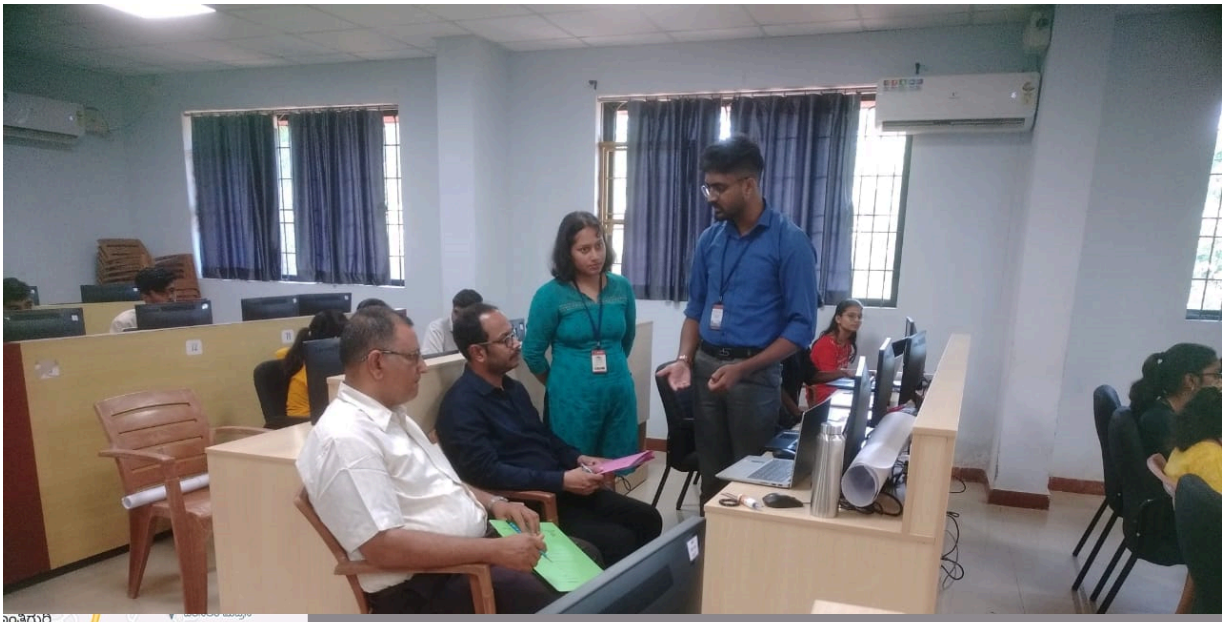

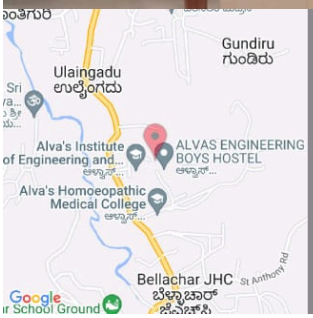


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Best two projects were selected by the judges after review and are as follows.

| S. No. | Batch No. | USN | Name | Title of the Project |
|---|---|---|---|---|
| 1. | B11 | 4AL19IS027 | NAYANA | IoT BASED MILK QUALITY MONITORING SYSTEM |
| 2. | | 4AL19IS028 | DEEPAK | |
| 3. | | 4AL19IS029 | NISHA M | |
| 4. | | 4AL19IS050 | SHRAVANI | |
| 5. | B12 | 4AL19IS059 | THIRTHA | BLOCK CHAIN BASED VACCINATION RECORD TRACKING |
| 6. | | 4AL19IS053 | SHREYAS MOOLYA | |
| 7. | | 4AL19IS039 | YAJNESH | |
| 8. | | 4AL19IS048 | YASH SHETTY | |