



**R.M.K COLLEGE OF ENGINEERING & TECHNOLOGY
R.S.M NAGAR, PUDUVOYAL.**



**DEPARTMENT OF ELECTRONICS AND COMMUNICATION
ENGINEERING**

HACKATHON REPORT

ACADEMIC YEAR 2023-24



R.M.K. COLLEGE OF ENGINEERING AND TECHNOLOGY
RSM Nagar, Puduvoyal– 601206, Gummidipoondi (T.K), Thiruvallur (D.T), Tamil Nadu
(An Autonomous Institution)

Approved by AICTE, New Delhi/ Affiliated to Anna University, Chennai
Accredited by NBA (All Eligible Courses) / NAAC with "A" GRADE
An ISO 21001:2018 Certified Institution



Hackathon Details – July 2023 to May 2024

1. Monisha S, Lesy Larisha Mary L, Nandhini D ,Padma Rekhaa K ,Rajesh Babu M and Pratheepan M of final year ECE participated in the grand finale KACACH 2023 at Pillai College of Engineering, New Panvel (Autonomous) College in Navi Mumbai, Maharashtra ,India during 08-08-2023 to 10-08-2023.

KAVACH Hackathon Photos :





Dr.Chettiyar Vani Vivekanand, Associate Professor, Department of ECE has acted as SPOC for KAVACH 2023.



2. Muckesh K S, Nanda G, Praveen B K and Purushothaman R of III year ECE participated in the National Level Hackathon and won third prize, organized by the Department of IT, CSE, AIML, CSBS, and CSDS at Oriental Institute of Science & Technology, Bhopal during October 13th and 14th, 2023.

ORIENTAL GROUP HACKATHON PHOTOS:



ORIENTAL GROUP HACKATHON WINNERS TROPHY:



3. Jones Benet C, Jeswin Silvaan Y, Jaikrishna VS and Jaikrishna B of III year ECE participated in the National Level Hackathon, organized by the Department of IT, CSE, AIML, CSBS, and CSDS at Oriental Institute of Science & Technology, Bhopal during October 13th and 14th, 2023.



4. Harish S R , Karthik Sekar G ,Karthikeyan S and Mohammed Huzaifa M Hof III year ECE participated in the National Level Hackathon, organized by the Department of IT, CSE, AIML, CSBS, and CSDS at Oriental Institute of Science & Technology, Bhopal during October 13th and 14th, 2023.



SMART INDIA HACKATHON 2023

INTERNAL HACKATHON POSTER

The poster features logos at the top for G20 India 2023, Ministry of Education Government of India, AICTE, MoE's INNOVATION CELL (GOVERNMENT OF INDIA), SMART INDIA HACKATHON 2023, and 75th anniversary of India. The central text reads: "R.M.K. College of Engineering and Technology Conducting Internal Hackathon for SIH 2023 25th September 2023, Monday 9.00 A.M". Below this, it lists "Chief Guests": K. Kirupakaran (Senior Consultant, Capgemini), M. Manoj (Technical Lead, Wipro Technologies), Dr. Rajesh Kumar (Director- Internet of Things, Eishaa Communications Systems), and Abrar Mohammed (IAM Analyst- Cyber Security, Tata Consultancy Services). The bottom of the poster includes social media handles for Facebook, Twitter, Instagram, and YouTube.

A total of 35 teams from the ECE department participated in the hackathon and uploaded their ideas to the SIH portal.

LIST OF PARTICIPANTS -SMART INDIA HACKATHON 2023

| Team No | Sl.No | Name of the Student | Gender M/F | Register No | Year |
|---------|-------|---------------------|------------|--------------|------|
| 1 | 1 | Mageshwaran S | M | 111621104086 | III |
| | 2 | Haarishram S | M | 111621104047 | III |
| | 3 | Hemanth Kumar V | M | 111621104052 | III |
| | 4 | Letheshkumar J | M | 111621104080 | III |
| | 5 | Ragavi R | F | 111622104073 | II |
| | 6 | Sarvadarshini C | F | 111622104082 | II |
| 2 | 7 | Jayashree S | F | 111620106041 | IV |
| | 8 | Aarthi R | F | 111620106001 | IV |

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|---|----|----------------------------|---|--------------|-----|
| | 9 | Ezhilpriya K E | F | 111620106024 | IV |
| | 10 | Aswin S | M | 111620106009 | IV |
| | 11 | Harikrishnan C M | M | 111620106037 | IV |
| | 12 | HariHaran B | M | 111620106036 | IV |
| 3 | 13 | Srinath M | M | 111620106099 | IV |
| | 14 | Yeshwanth V G | M | 111620106127 | IV |
| | 15 | Sharan V | M | 111620106092 | IV |
| | 16 | Sreemitha T S | F | 111620106098 | IV |
| | 17 | Varshini S | F | 111620106117 | IV |
| 4 | 18 | Shalini N | F | 111620106090 | IV |
| | 19 | MURUGAPPAN PR | M | 111620106060 | IV |
| | 20 | PURNANANDA RAO P G | M | 111620106078 | IV |
| | 21 | RAHUL KUMAR V N | M | 111620106079 | IV |
| | 22 | MOAHMMED ASIF IBRAHIM S | M | 111620106058 | IV |
| | 23 | NIVETHA S | F | 111620106063 | IV |
| 5 | 24 | ASWINI N | F | 111620106010 | IV |
| | 25 | Pavithrkruthika.J | F | 111621104111 | III |
| | 26 | Priya T.S | F | 111621104118 | III |
| | 27 | NavaneethaKrishnan.V | M | 111621104102 | III |
| | 28 | SanjeevRam.S | M | 111621104132 | III |
| | 29 | Pradeep.K.V | M | 111621104114 | III |
| 6 | 30 | Rajasekaran.R | M | 111621104124 | III |
| | 31 | Harish S R | M | 111621104050 | III |
| | 32 | Karthik sekar G | M | 111621104067 | III |
| | 33 | Karthikeeyan S | M | 111621104068 | III |
| | 34 | Mohammad Huzaifa M H | M | 111621104083 | III |
| | 35 | Kaviya S | F | 111621104074 | III |
| 7 | 36 | Dhaarani S | F | 111621104030 | III |
| | 37 | Lokesh C | M | 111620106054 | IV |
| | 38 | Kamalesh D | M | 111620106047 | IV |
| | 39 | Gnanabarathy G | M | 111620106027 | IV |
| | 40 | Pavithra V | F | 111620106068 | IV |
| | 41 | Punithamary M | F | 111620106077 | IV |
| 8 | 42 | Jeevakarunya T | F | 111620106044 | IV |
| | 43 | Murugavel T R | M | 111621104094 | III |
| | 44 | Nanda G | M | 111621104099 | III |
| | 45 | Praveen B K | M | 111621104116 | III |

| | | | | | |
|----|----|-------------------|-----------|--------------|--------------|
| | 46 | Muckesh K S | M | 111621104092 | III |
| | 47 | Purushothaman R | M | 111621104122 | III |
| | 48 | Barkha Varshney A | F | 111621104021 | III |
| 9 | 49 | Koushigan P | M | 111621104079 | III |
| | 50 | Jayachandran J | M | 111621104059 | III |
| | 51 | Charan N | M | 111621104025 | III |
| | 52 | Guruprasad MH | M | 111621104046 | III |
| | 53 | Dhanalakshmi R | F | 111621104031 | III |
| | 54 | Saranya R | F | 111621104135 | III |
| | 10 | 55 | NIVETHA R | F | 111621104107 |
| 56 | | NETHRA P | F | 111621104104 | III |
| 57 | | POOJITHA A K | F | 111621104113 | III |
| 58 | | RANJITHA S | F | 111621104126 | III |
| 59 | | RESHMA B | F | 111621104127 | III |
| 60 | | SHARMILA V R | F | 111621104143 | III |
| 11 | 61 | AMRITHA S | F | 111622104006 | II |
| | 62 | AKASH VUMMITTI | M | 111622104003 | II |
| | 63 | DINESH S | M | 111622104019 | II |
| | 64 | DIVITHA R | F | 111622104020 | II |
| | 65 | HARI PRASATH R | M | 111622104027 | II |
| | 66 | HARIKUMARAN S | M | 111622104029 | II |
| 12 | 67 | DEVARAJ P | M | 111620106020 | IV |
| | 68 | MAANEESHA S | F | 111620106057 | IV |
| | 69 | VARSHA R | F | 111622104106 | II |
| | 70 | LAKSHMI PRIYA S | F | 111620106051 | IV |
| | 71 | JEEVA S | M | 111620106043 | IV |
| | 72 | GOKUL N | M | 111620106028 | IV |
| 13 | 73 | DHARSHAN K | M | 111622104018 | II |
| | 74 | ASWIN VUMMITTI | M | 111622104008 | II |
| | 75 | DHARANI S | M | 111622104017 | II |
| | 76 | JAYASHNI T | F | 111622104040 | II |
| | 77 | ARCHANA J | F | 111622104007 | II |
| | 78 | CHAHAT SHARMA | F | 111622104012 | II |
| 14 | 79 | SOWMYA B | F | 111620106096 | IV |
| | 80 | SHANIJA S R | F | 111620106091 | IV |
| | 81 | PRIYADARSINI S | F | 111620106075 | IV |

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|----|-----|-------------------|---|--------------|-----|
| | 82 | PRIYADHARSHINI S | F | 111620106076 | IV |
| | 83 | RAMPRIYA S | F | 111620106081 | IV |
| | 84 | REVATHI V | F | 111620106082 | IV |
| 15 | 85 | SHRIRAM S | M | 111622104089 | II |
| | 86 | YUGENDRAN S | M | 111622104117 | II |
| | 87 | SURIYA PRAKASH R | M | 111622104100 | II |
| | 88 | SUMUKH RAJA RAO S | M | 111622104097 | II |
| | 89 | SUPRIYA SHREE M | F | 111622104098 | II |
| | 90 | SHARU SHREE M | F | 111622104087 | II |
| 16 | 91 | VISHWANATHAN S | M | 111620106122 | IV |
| | 92 | SRISHA V | F | 111620106100 | IV |
| | 93 | T J GOPIKRISHNA | M | 111620106112 | IV |
| | 94 | SUNDARRAJAN P | M | 111620106103 | IV |
| | 95 | SUNDARAVALLI S | F | 111620106102 | IV |
| | 96 | YOGESH B | M | 111620106128 | IV |
| 17 | 97 | LITHISHKANNAN V | M | 111622104049 | II |
| | 98 | RUTHRESHWARAN B | M | 111622104076 | II |
| | 99 | MANUSHVANTH S | M | 111622104053 | II |
| | 100 | SARAN L | M | 111622104080 | II |
| | 101 | PAVAN ADHISH M K | M | 111622104064 | II |
| | 102 | | | | |
| 19 | 107 | MRIDHULA A | F | 111622104058 | II |
| | 108 | LATHIKASRI R | F | 111622104047 | II |
| | 109 | NANDHINI P | F | 111622104060 | II |
| | 110 | PARIMITHA SHRI S | F | 111622104063 | II |
| | 111 | SUVALAKSHMI S L | F | 111622104078 | II |
| | 112 | SANJITAA R | F | 111622104071 | II |
| 20 | 119 | GokulaKrishnan M | M | 111621104041 | III |
| | 120 | Govardhan E L | M | | III |
| | 121 | Aravind P | M | | III |
| | 122 | Dhanush R | M | 111621104033 | III |
| | 123 | Aishwarya S | F | | III |
| | 124 | AJAY VIKRAM S | M | | III |
| 21 | 125 | Faizal Abbas A R | M | 111621104039 | III |
| | 126 | Arjun S | M | 111621104017 | III |
| | 127 | Anirudh M | M | 111621104012 | III |
| | 128 | Dhinakar M | M | 111621104036 | III |
| | 129 | Ashwin R | M | 111621104019 | III |
| | 130 | Abinaya G | F | 111621104003 | III |
| 22 | 131 | Harish R | M | 111620106038 | IV |
| | 132 | Vishnu Priya R V | F | 111622104096 | II |
| | 133 | Subhalakshmi C | F | 111622104081 | II |
| | 134 | Masthan Gowtham K | M | 111620106050 | IV |

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|----|-----|-----------------------|---|--------------|-----|
| | 135 | Yoga Priya D | F | 111622104098 | II |
| | 136 | Theekshaya S R | F | 111622104113 | II |
| 23 | 137 | Tharun kumar P | M | 111621104164 | III |
| | 138 | Sujith kumar N | M | 111621104158 | III |
| | 139 | Sunil kumar U | M | 111621104160 | III |
| | 140 | shrimathi D | F | 111621104145 | III |
| | 141 | shamridhi S P | F | 111621104139 | III |
| | 142 | Prithviraj J | M | 111621102110 | III |
| 24 | 143 | Manthra S | F | 111622104052 | II |
| | 144 | Magalakshmi S | F | 111622104051 | II |
| | 145 | Monika P | F | 111622104056 | II |
| | 146 | Lavanyaa D | F | 111622104048 | II |
| | 147 | Priya Dharshini M | F | 111622104070 | II |
| | 148 | Reshmika R | F | 111622104074 | II |
| 25 | 149 | Akshhaya S | F | 111621104010 | III |
| | 150 | Aparnaa C A | F | 111621104014 | III |
| | 151 | Archana T | F | 111621104016 | III |
| | 152 | Abirami S | F | 111621104006 | III |
| | 153 | Devaraaj V | M | 111621104028 | III |
| | 154 | GokulaKrishnan S | M | 111621104042 | III |
| 26 | 155 | Mohana Brammanandam L | M | 111621104089 | III |
| | 156 | Justin Sam C | M | 111621104065 | III |
| | 157 | Krithick Kanna B | M | 111621104080 | III |
| | 158 | Abirami P | F | 111621104005 | III |
| | 159 | Monika K | F | 111621104091 | III |
| | 160 | Monika G | F | 111621104090 | III |
| 27 | 161 | Vandana S | F | 111621104170 | III |
| | 162 | Vijayadharshini S | F | 111621104173 | III |
| | 163 | Shreenidhi D | F | 111621104144 | III |
| | 164 | Srijaa J | F | 111621104155 | III |
| | 165 | Shankar JG | M | 111621104140 | III |
| | 166 | Yeswanth S | M | 111621104175 | III |
| 28 | 167 | Jothika S | F | 111621104064 | III |
| | 168 | Jayalakshmi M | F | 111621104060 | III |
| | 169 | Jayasri S | F | 111621104061 | III |
| | 170 | Shyam sundar R | M | 111621104148 | III |
| | 171 | Sharan T | M | 111621104141 | III |
| | 172 | Tharunsaikumar D P | M | 111621104165 | III |
| 29 | 173 | AKSHAY C | M | 111621104009 | III |
| | 174 | ANUSH S.T | M | 111621104013 | III |
| | 175 | AADESH KRISHNA.M | M | 111621104001 | III |
| | 176 | DIVAKARAN T | M | 111621104037 | III |
| | 177 | DHARSHINI S | F | 111621104035 | III |

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|----|-----|-------------------------|---|--------------|-----|
| | 178 | Sri Rishitha Priyanga J | F | 111621104153 | III |
| 30 | 179 | JESWIN SILVAAN Y | M | 111621104062 | III |
| | 180 | JONES BENET C | M | 111621104063 | III |
| | 181 | JAI KRISHNA V S | M | 111621104087 | III |
| | 182 | JAI KRISHNA B | M | 111621104055 | III |
| | 183 | KAVIYA SRI R | F | 111621104075 | III |
| | 184 | MITHRA M D | F | 111621104087 | III |
| 31 | 185 | VIVEKA P | F | 111622104113 | II |
| | 186 | RAAJAVARTHINI V | F | 111622104121 | II |
| | 187 | ARCHANA T | F | 111622104119 | II |
| | 188 | SHAMRITHA V C | F | 111622104085 | II |
| | 189 | HARINI R S | F | 111622104122 | II |
| | 190 | GOMATHI R | F | 111622104023 | II |
| 32 | 195 | Rithvika Y | F | 111622104114 | II |
| | 196 | Sowmya B | F | 111622104010 | II |
| | 197 | Rajeshwari P | F | 111622104062 | II |
| | 198 | Pavithra V | F | 111622104065 | II |
| | 199 | Divya T | F | 111622104021 | II |
| | 200 | Hemashree M J | F | 111622104032 | II |
| 33 | 201 | Hareni R | F | 111621104048 | III |
| | 202 | Hemalatha K | F | 111621104051 | III |
| | 203 | Kavishree R | F | 111621104071 | III |
| | 204 | Keerthanaa R | F | 111621104076 | III |
| | 205 | Jansi K | F | 111621104057 | III |
| | 206 | Kavitha C | F | 111621104072 | III |
| 34 | 207 | Rithvika Y | F | 111622104114 | II |
| | 208 | Sowmya B | F | 111622104010 | II |
| | 209 | Rajeshwari P | F | 111622104062 | II |
| | 210 | Pavithra V | F | 111622104065 | II |
| | 211 | Divya T | F | 111622104021 | II |
| | 212 | Hemashree M J | F | 111622104032 | II |
| 35 | 213 | Hareni R | F | 111621104048 | III |
| | 214 | Hemalatha K | F | 111621104051 | III |
| | 215 | Kavishree R | F | 111621104071 | III |
| | 216 | Keerthanaa R | F | 111621104076 | III |
| | 217 | Jansi K | F | 111621104057 | III |
| | 218 | Kavitha C | F | 111621104072 | III |