



# S.G.A.GOVERNMENT DEGREE COLLEGE

(Re-accredited by NAAC with 'A' Grade, Affiliated to Andhra University)

YELLAMANCHILI - 531055, ANDHRA PRADESH



## DEPARTMENT OF PHYSICS

### WORKING MODELS

| S.NO | DATE       | PROJECT NAME                                                                                | GROUP | NUMBER<br>OF<br>STUDENTS<br>INVOLVED |
|------|------------|---------------------------------------------------------------------------------------------|-------|--------------------------------------|
| 1.   | 28-10-2021 | “Mind concentration game with moving ring”                                                  | MPCs  | 7                                    |
| 2.   | 09-11-2021 | “Hydraulic traffic reducing system” and “conversion of solar energy into mechanical energy” | MPC   | 10                                   |
| 3.   | 23-11-2021 | “Hydro electricity” and “Hydraulic lift “                                                   | MPCs  | 14                                   |
| 4.   | 06-12-2021 | “Prevention of accidents in hilly areas” and “3D-hologram “                                 | MPC   | 10                                   |
| 5.   | 10-12-2021 | “Rain detector” and “hydraulic JCB”                                                         | MPCs  | 14                                   |
| 6.   | 23-11-2022 | “Alcohol Detector”                                                                          | MPC   | 08                                   |
| 7.   | 28-11-2022 | “Fire alarm”                                                                                | MPC   | 07                                   |
| 8.   | 12-12-2022 | “ Washing Machine”                                                                          | MPC   | 10                                   |
| 9.   | 27-12-2022 | “ Smoke Absorber”                                                                           | MPC   | 08                                   |
| 10.  | 09-01-2023 | “ Tesla Coil-Power Generation”                                                              | MPC   | 09                                   |
| 11.  | 23-01-2023 | “Automatic street Lights on/off”                                                            | MPC   | 11                                   |
| 12.  | 08-02-2023 | “Electronic Sanitizer”                                                                      | MPC   | 07                                   |
| 13.  | 25-02-2023 | “Earth quake Detector”                                                                      | MPC   | 09                                   |

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Student working model on **“ MIND CONCENTRATION GAME WITH MOVING RING”**  
prepared by Balaji team dated : 28-10-2021.

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Student working model on “**HYDRALIC TRAFFIC REDUCING SYSTEM**” AND  
“**CONVERSION OF SOLAR ENERGY INTO MECHANICAL ENERGY**” respectively  
prepared by Padma team and Gayathri team dated : 09-11-2021.

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Student working model on **“HYDRO ELECTRICITY” AND “HYDRALIC LIFT”** respectively prepared by Ganesh Sri Sai team and Naga Durga team dated : 23-11-2021.

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Student working model on“PREVENCTION OF ACCIDENTS IN HILLY AREAS” AND  
“3D-HOLOGRAM” Respectively prepared by Krishnaveni team and Uma Devi team

dated : 06-12-2021.

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Student working models on “RAIN DETECTOR” AND “HYDRAULIC JCB” Respectively are prepared by Lakshmi team and Leela Lakshmi team dated : 10-12-2021.

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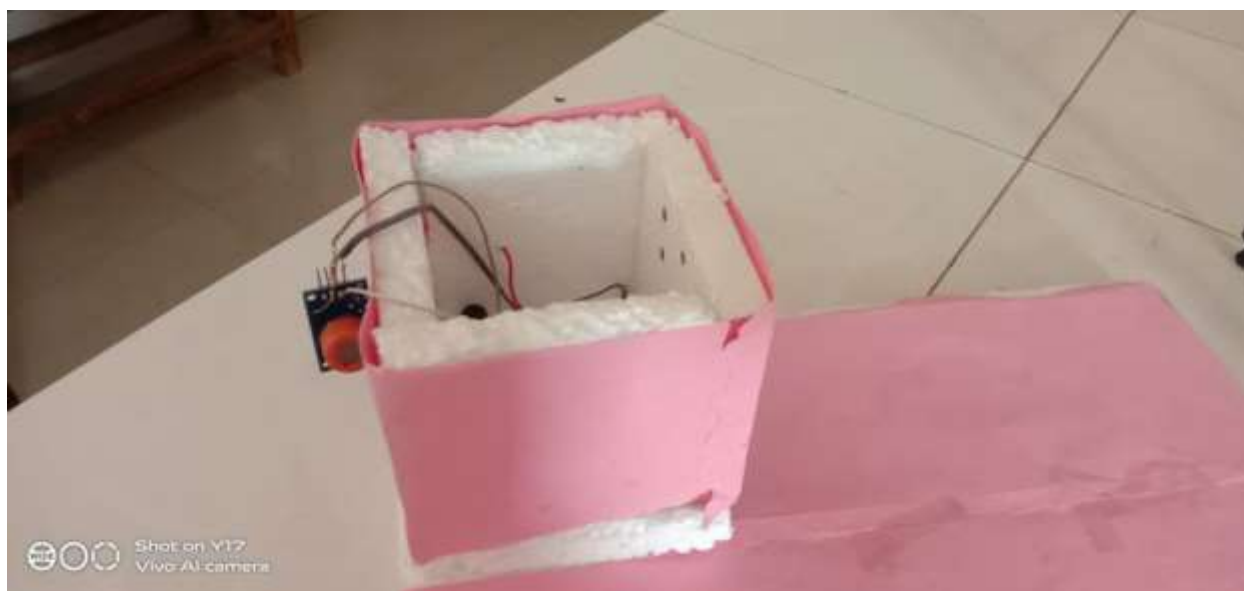
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Working model prepared on “Alcohol Detector” Vasu Team Dated: 23-11-2022.



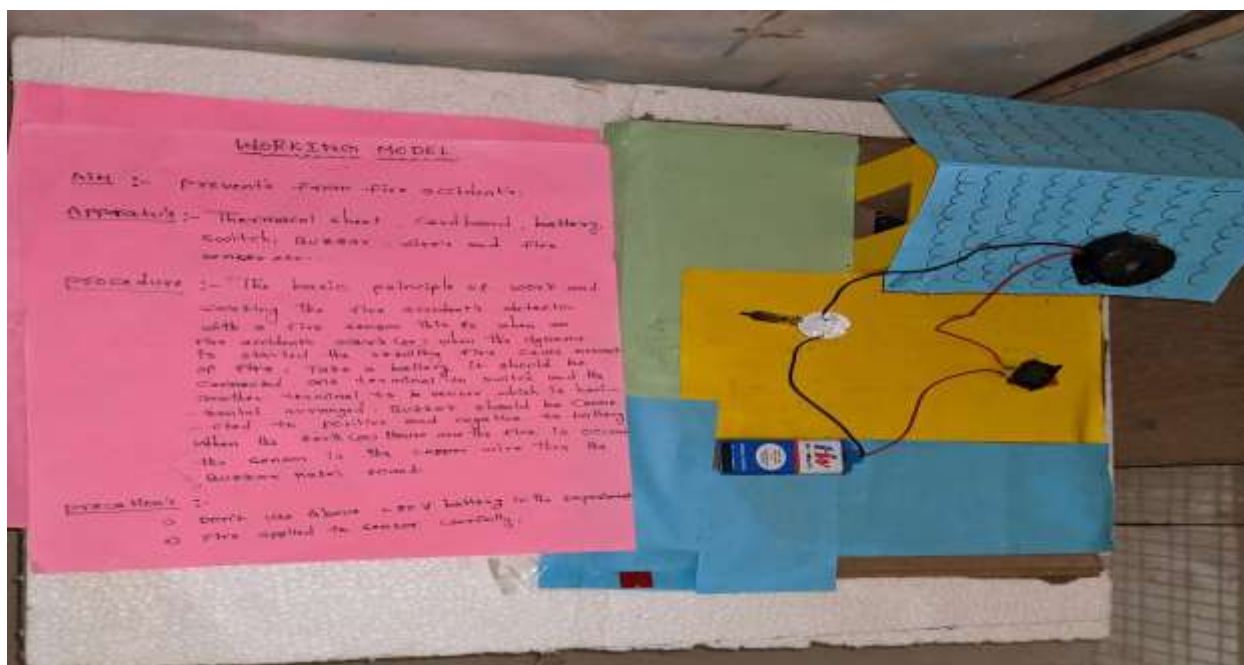
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Working model prepared on “Fire Alarm” Syam Team Dated: 28-11-2022.



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Working model prepared on “Washing Machine” Syam Team Dated: 12-12-2022.



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Working model prepared on “Smoke Absorber” S H A Latha Team Dated: 27-12-2022.



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Working model prepared on “Tesla Coil-Power generation” Ashwini Team Dated: 09-01-2023.



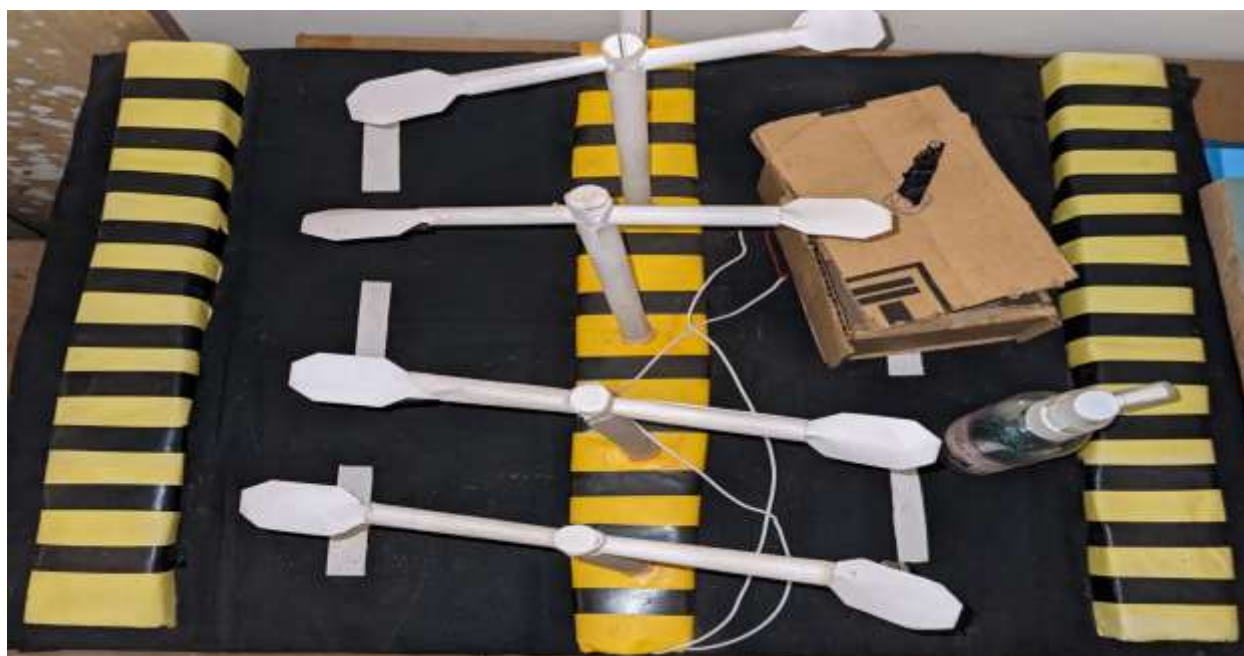
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Working model prepared on “Automatic street Light ON/OFF” Leelavathi Team  
Dated: 23-01-2023.



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Working model prepared on “ELECTRONIC SANITIZER” Bhavani Team Dated:  
08-02-2023.



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Working model prepared on “Earth quake Detector” Chandrasekhar Team Dated:  
25-02-2023.