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List of Project Titles for B.Tech Main Projects 2021-2022

HARDWARE PROJECTS- (A Section) E-YANTRA LAB

| S.No | Batch No. | Regd. No. | Name of the Student | Name of the Supervisor | Project Title |
|------|-----------|------------|---------------------|------------------------|--|
| 1. | 1 | 18761A0252 | V. Maha Lakshmi | Mr. A.V. Ravi Kumar | Implementation of railway track-crack detection system using IOT |
| 2. | | 19765A0209 | P. Sai Tejaswini | | |
| 3. | | 18761A0207 | B. Hrushitha | | |
| 4. | 2 | 18761A0236 | N. Vasanthi | Mr. K. Nagalinga Chary | Arduino based automatic servo voltage stabilizer |
| 5. | | 19765A0206 | M. Mukesh | | |
| 6. | | 18761A0215 | Ch. Sai Nikhil | | |
| 7. | 3 | 19765A0213 | Y. Sowmya | Mr. J V Pavan Chand | Internet of Things (IOT) based on smart grid using ARDUINO a thesis |
| 8. | | 18761A0235 | N. Sai Sree | | |
| 9. | | 18761A0209 | V. Bhargaw | | |
| 10 | 4 | 18761A0212 | B. Bhanu Sri | Dr. A V G A Marthanda | Internet of Things (IOT) based smart energy meter using ARDUINO |
| 11 | | 19765A0211 | U. Mani Kanta | | |
| 12 | | 18761A0210 | B. Somla Naik | | |
| 13 | 5 | 19765A0203 | Ch.DV. Sandeep | Mr. Imran Abdul | Fault detection in single-phase transformer using GSM technique |
| 14 | | 18761A0206 | B. Jyothi | | |
| 15 | | 18761A0219 | G. Vamsi | | |
| 16 | 6 | 18761A0228 | K. Deepika | Mr. P. Deepak Reddy | Design and fabrication of multipurpose fire fighting robot with video streaming capacity |
| 17 | | 18761A0238 | P.V. Mohan Chandu | | |
| 18 | | 18761A0208 | B. Anil | | |

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|----|---|------------|-------------------------|------------------------|---|
| 19 | 7 | 19765A0212 | V. Srikanth | Mr. M. Raja Nayak | Instantaneous light reflection technique for enhancement of solar PV cell efficiency |
| 20 | | 19765A0207 | M. Padmavathi | | |
| 21 | | 17761A0250 | Sk. Rajia Khasim | | |
| 22 | 8 | 19765A0201 | B. Pavan Kumar | Dr. P. Sobha Rani | IOT based electrical power theft detection and location tracking in distribution system |
| 23 | | 18761A0244 | R. siva Parvathi | | |
| 24 | | 19765A0208 | N. Doondi Raja | | |
| 25 | | 18761A0221 | G. Indira Priyadharsini | | |
| 26 | 9 | 18761A0223 | G. Pravallika | Mr. P. Rathnakar Kumar | IOT and cloud based wireless home automation |
| 27 | | 19765A0205 | K. Mohan Sai | | |
| 28 | | 18761A0220 | G. Rajeev | | |
| 29 | | 18761A0239 | M. Mani kanta | | |

List of Project Titles for B.Tech Main Projects 2021-2022
HARDWARE PROJECTS-(B Section)

| S.No | Batch No. | Regd. No. | Name of the Student | Name of the Supervisor | Project Title |
|------|-----------|------------|------------------------|------------------------|---|
| 1. | 1 | 18761A0254 | Bezawada Naga Maneesha | Mr. J. V. Pavan Chand | Automatic phase selector with IOT notifier |
| 2. | | 18761A0284 | Naraboyina Sravani | | |
| 3. | | 18761A0272 | Kasi Naveen Babu | | |
| 4. | 2 | 18761A02A3 | V. Kavya Sri | Dr. P. Sobba Rani | LOT based transformer monitoring using Raspberry PI |
| 5. | | 19765A0223 | R. Abhishek | | |
| 6. | | 18761A0263 | Ch. Tejaswi | | |
| 7. | 3 | 18761A0259 | Bollepalli Jahanavi | Dr. A V G A Marthanda | Fault detection in power transmission lines using GSM technology |
| 8. | | 18761A0278 | Lingamgunta Madhavii | | |
| 9. | | 18761A0260 | Banam Umesh | | |
| 10. | 4 | 19765A0215 | g. Jyothi Babu | Mr. Ch. Rajesh | Arduino based automatic power correction and penalty minimization using IOT |
| 11. | | 18761A0287 | P. Vaishnavi | | |
| 12. | | 18761A0262 | Ch. Anand Babu | | |
| 13. | 5 | 18761A0298 | Tentu Kavya | Mrs. T. Nagadurga | Automatic solar panel cleaning system based on ARDUINO for dust removal |
| 14. | | 18761A02A4 | Vangaveeti Veera Swamy | | |
| 15. | | 18761A0268 | Guntru Rambabu | | |

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|-----|---|------------|--------------------|------------------------|--|
| 16. | 6 | 19765A0216 | G Ganesh Kumar | Dr. G. Nageswara Rao | Voice-Based home automation using IOT and ANDROID application |
| 17. | | 19765A0218 | M Likhitha | | |
| 18. | | 18761A02A0 | T Venkateswara Rao | | |
| 19. | 7 | 19765A0214 | B V J Kamal | Dr. K R L Prasad | Automatic fan speed controller by using ARDUNO R3 and temperature sensor |
| 20. | | 18761A0274 | K Girisai | | |
| 21. | | 18761A0275 | K. Kalyan Reddy | | |
| 22. | 8 | 18761A02A1 | T. Sampath | Mr. K. Nagalinga Chary | GSM technology modeling an ARDUINO based smart energy meter |
| 23. | | 18761A0253 | A S N. Rakesh | | |
| 24. | | 18761A0255 | B L. Sowjanya | | |