

| REGISTER NO | NAME | DA1 |
|-------------|----------------------------------|---|
| 14BIT0111 | ANIRUDH SHARMA | Time-Dependent deterministic finite automata---Working principle and a very Detailed survey on its applications |
| 15BIT0069 | KARTHIKAY GUPTA | |
| 15BIT0303 | AKHILESH KUMAR PANDEY | |
| 16BEC0693 | BOMMIREDDY AKHIL KUMAR REDDY | |
| 16BIT0170 | AKSHAY KOKATE | 3-Symbol-3-State DNA-Based Automata-Working principle and a very Detailed survey on its applications |
| 16BIT0227 | HEMANT KUMAR SINGH | |
| 16BIT0268 | DIPANSHU SINGH | |
| 16BIT0364 | MANTHAN BUCH | |
| 16BIT0376 | TIRUSH KUMAR DIXIT | |
| 16BIT0382 | FARIZ MOHAMED .M | |
| 17BCE0011 | BURRI TEJA SRIKANTH REDDY | Probabilistic Automata- Working principle and a very Detailed survey on its applications |
| 17BCE0151 | B. SRUTHI | |
| 17BCE0218 | B SRISHTI | |
| 17BCE0501 | VANKAM MOHAN KISHORE VARMA | |
| 17BCE2159 | CHENNAREDDY VENKATA ROHITH KUMAR | |
| 17BCI0186 | NJOKOSI J KAWUNJU | |
| 17BIT0016 | DIYA NANDA | quantum finite automata -Working principle and a very Detailed survey on its applications |
| 17BIT0032 | RAJAT YADAV | |
| 17BIT0042 | AMAN KUMAR SHARMA | |
| 17BIT0049 | GAYATHRI B | |
| 17BIT0055 | AKASH KUMAR | |
| 17BIT0060 | RUSHALI AGRAWAL | |
| 17BIT0062 | KEVIN THOMAS | Symbolic automata -Working principle and a very Detailed survey on its applications |
| 17BIT0063 | HARSH KHANDELWAL | |
| 17BIT0065 | HRISHIKESH BHARDWAJ | |
| 17BIT0074 | MUSKAN DHAWAN | |
| 17BIT0076 | VISHAL THAKUR | |
| 17BIT0077 | AVISHEK DUTTA | |
| 17BIT0099 | UJJWAL SINHA | Cyclic Cellular Automata -Working principle and a very Detailed survey on its applications |
| 17BIT0101 | GARVIT KATARIA | |
| 17BIT0115 | MARRI NIKHIL REDDY | |

| | | |
|-----------|--------------------------|--|
| 17BIT0133 | VADAKATTU RANADEESHWAR | Tree automata -Working principle and a very Detailed survey on its applications |
| 17BIT0143 | MD SHAZ HASSAN | |
| 17BIT0191 | HARSH KHANDELWAL | |
| 17BIT0195 | AMISHA RAJ SHAW | |
| 17BIT0199 | SHIVAM KUMAR | |
| 17BIT0201 | SANSKAR GUPTA | |
| 17BIT0223 | ANAM KHAN | |
| 17BIT0225 | SHIKHAR SINGH RATHORE | |
| 17BIT0241 | VRAJKISHAN DUGAR | Simultaneous Finite Automata--Working principle and a very Detailed survey on its applications |
| 17BIT0246 | VIDIT | |
| 17BIT0252 | PRITESH S | |
| 17BIT0265 | GOURAV KUMAR MANDOTHIA | |
| 17BIT0281 | MANAN GODHA | |
| 17BIT0284 | MOHIT VERMA | |
| 17BIT0285 | ADITYA KAUSHIK | |
| 17BIT0302 | SAMMED JAIN | Finite automata in Intrusion detection |
| 17BIT0312 | BALAMURUGAN AATHAVAN T | |
| 17BIT0326 | SHUBHAM | |
| 17BIT0340 | SANTHOSH HARIHARAN M | |
| 17BIT0347 | ISHA THAKUR | |
| 17BIT0357 | DEEPAK KUMAR V | |
| 17BIT0370 | DEB VAIBHAV | finite automata in games--Working principle and a very Detailed survey on its applications |
| 17BIT0373 | RAHUL K | |
| 17BIT0385 | RISAV GOSWAMI | |
| 17BIT0388 | KONGARA CHANDRA SRIKIRAN | |
| 17BIT0389 | YASH MISHRA | |

[illegible]

Note: Template (times New Roman 12 pt , Justified, Titles, sub titles–bold letters)

- 1. Introduction (3-4 paragraphs)**
- 2. Related works**
- 3. Comparison of different techniques in table format**

| Techniques | Advantage | Disadvantage | Mathematical Equation of the techniques |
|-------------------|------------------|---------------------|--|
| | | | |

- 4. Proposed Technique Explanation & Architecture-(3-4 pages)**
- 5. Implementation**
- 6. Example & Experimental Result**
- 7. Challenges and Future Opportunities**
- 8. References- (Min -20, recent years at least 5%)**