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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

III B.Tech II-sem (R19) Mini Project

Class	III B.Tech II-sem
Branch and Regulation	EEE and R19
Subject & Code	Mini Project & R19EER601
Academic Year	2021-22

S.No.	Project Title	Batch Code	Regd. Number
1	Electricity theft detection and effective utilization using big data analytics	A1	20BQ5A0201
			19BQ1A0220
			19BQ1A0224
			19BQ1A0204
2	Temperature controlled systems	A2	19BQ1A0240
			19BQ1A0248
			19BQ1A0236
			19BQ1A0257
3	Data logging and analysis of DHT11 sensor using MATLAB	A3	19BQ1A0230
			19BQ1A0212
			19BQ1A0253
			19BQ1A0247
4	Gas leakage detection and alarm system	A4	19BQ1A0231
			19BQ1A0233
			19BQ1A0209
			19BQ1A0255



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S.No.	Project Title	Batch Code	Regd. Number
5	Temperature controlled DC fan using	A5	19BQ1A0243
			19BQ1A0202
			19BQ1A0225
			19BQ1A0217
6	Automatic power factor correction using arduino	A6	19BQ1A0246
			19BQ1A0249
			19BQ1A0234
			19BQ1A0227
7	Wireless charger for electric vehicles	A7	19BQ1A0215
			19BQ1A0238
			19BQ1A0211
			19BQ1A0258
8	IR hybrid remote control switch	A8	19BQ1A0235
			19BQ1A0239
			19BQ1A0228
			19BQ1A0250
9	Electronic components testing using Arduino	A9	20BQ5A0205
			19BQ1A0213
			19BQ1A0223
			19BQ1A0245
10	IoT based smart parking system using ESP8266 node MCU	A10	20BQ5A0207
			20BQ5A0204
			19BQ1A0259
			19BQ1A0208



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S.No.	Project Title	Batch Code	Regd. Number
11	Direction control of DC motor through wireless	A11	20BQ5A0203
			19BQ1A0256
			19BQ1A0241
			19BQ1A0242
12	Direction control of DC motor through wireless	A12	19BQ1A0251
			20BQ5A0202
			19BQ1A0201
			19BQ1A0210
13	Motion based power saver	A13	19BQ1A0214
			19BQ1A0207
			19BQ1A0237
			19BQ1A0221
14	Design of wireless data transmission using LiFi	A14	19BQ1A0232
			19BQ1A0252
			19BQ1A0229
			19BQ1A0218
15	Wireless AC light dimmer with android Bluetooth and arduino	A15	19BQ1A0244
			19BQ1A0260
			19BQ1A0254
			19BQ1A0222
16	Controlling of servo motor using arduino UNO and android app	A16	19BQ1A0205
			20BQ5A0206
			19BQ1A0216



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S.No.	Project Title	Batch Code	Regd. Number
17	IoT based soil moisture detector	A17	19BQ1A0206
			19BQ1A0219
			19BQ1A0203

B Section

S.No.	Project Title	Batch Code	Regd. Number
1	Vehicle accident detection using GPS and GSM modules	B1	19BQ1A0299
			19BQ1A0264
			19BQ1A0287
			19BQ1A0266
2	Voice controlled robot using arduino	B2	19BQ1A0282
			19BQ1A0261
			19BQ1A0297
			19BQ1A02B6
3	automatic vehicle number plate recognition using arduino	B3	19BQ1A0274
			19BQ1A0271
			19BQ1A0281
			19BQ1A02F2
4	Vento charging centre	B4	19BQ1A0279
			20BQ5A0212
			19BQ1A02B4
			19BQ1A0272



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S.No.	Project Title	Batch Code	Regd. Number
5	Radio frequency module for long range communication	B5	19BQ1A0291
			19BQ1A02A7
			20BQ5A0211
			19BQ1A0276
6	Driver friendly parking system	B6	19BQ1A0270
			19BQ1A02B5
			19BQ1A0267
			19BQ1A0273
7	Lane detection in vehicles	B7	20BQ5A0213
			20BQ5A0209
			19BQ1A02B0
			19BQ1A02A1
8	Automatic water sprinkler	B8	19BQ1A0292
			19BQ1A02B9
			19BQ1A02A5
			19BQ1A0290
9	wireless power transmission using tesla coil	B9	20BQ5A0210
			19BQ1A0269
			19BQ1A0262
			19BQ1A02B2
10	IOT based manhole monitoring system	B10	19BQ1A02A3
			19BQ1A0293
			19BQ1A0280
			19BQ1A02A6



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S.No.	Project Title	Batch Code	Regd. Number
11	Drowsiness detection and alerting system	B11	19BQ1A0296
			19BQ1A0283
			19BQ1A0298
			19BQ1A02B8
12	Z-Source inverter	B12	19BQ1A02B3
			19BQ1A02A0
			19BQ1A0277
			19BQ1A02A8
13	Sewage monitoring and maintenance alert using IOT	B13	19BQ1A02C0
			19BQ1A0289
			19BQ1A02B7
			19BQ1A0288
14	Safety mining helmet	B14	19BQ1A02A9
			19BQ1A0268
			19BQ1A0286
			19BQ1A0294
15	Visitor counting using 7 segment display	B15	19BQ1A0285
			19BQ1A02B1
			19BQ1A0265
16	Motion sensing switch	B16	20BQ5A0214
			19BQ1A0295
			19BQ1A0263

C Sections

S.No.	Project Title & Guide	Batch Code	Regd. Number
1	Driver anti sleep device	C1	19BQ1A02C5
			19BQ1A02G2
			19BQ1A02F2
			19BQ1A02H6
2	Blynk controlled automatic pet feeder with timer	C2	19BQ1A02G3

			19BQ1A02D5
			19BQ1A02E8
			19BQ1A02F6
3	Analysing the performance of transmission line	C3	19BQ1A02E5
			19BQ1A02H3
			19BQ1A02F8
			19BQ1A02D7
4	Rain alarm project	C4	19BQ1A02F0
			19BQ1A02C1
			19BQ1A02C4
			19BQ1A02C8
5	Wireless notice board using arduino UNO	C5	19BQ1A02G9
			20BQ5A0221
			19BQ1A02E3
			19BQ1A02F4
6	Water wheel free energy device	C6	19BQ1A02H5
			19BQ1A02F1
			19BQ1A02D9
			19BQ1A02G0
7	Load and charge management using solar power systems	C7	19BQ1A02C2
			20BQ5A0217
			19BQ1A02C6
			19BQ1A02G4
8	Application of image processing on smart class room	C8	19BQ1A02E4
			19BQ1A02C9
			19BQ1A02F5
			19BQ1A02E7
9	LASER light alarm	C9	20BQ5A0215
			19BQ1A02D0
			19BQ1A02H9
			19BQ1A02E1
10	Design and construction of an arduino based solar power parameter measuring with data logger	C10	19BQ1A02C7
			19BQ1A02E6
			19BQ1A02F3
			19BQ1A02H2

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S.No.	Project Title & Guide Name	Batch Code	Regd. Number
11	An IoT based device for communication among deaf and dumb people	C11	19BQ1A02I0
			19BQ1A02C3
			19BQ1A02H7
			19BQ1A02D2
12	Automatic study desk light	C12	20BQ5A0216
			19BQ1A02H8
			19BQ1A02G8
			19BQ1A02E0
13	Voltage multiplier	C13	19BQ1A02G6
			19BQ1A02D6
			19BQ1A02H1
			19BQ1A02H4
14	Automatic rain sensing car wipers	C14	20BQ5A0218
			20BQ5A0220
			19BQ1A02D4
			19BQ1A02D8
15	Car door unlock using fingerprint	C15	19BQ1A02F9
			19BQ1A02G1
			19BQ1A02E2
			19BQ1A02D3