List of Project Titles for B.Tech Main Projects 2021-2022   **Date: 12-07-2022**

(A Section)

S.No	Batch No.	Regd. No.	Name of the Student	Name of the Supervisor	Project Title
1	1	18761A0225	K. Poojitha Gayathri	Dr. M.S. Giridhar	Advance monitoring and controlling in modern electric vehicles
2		18761A0224	I.Nagamani		
3		18761A0204	B. Madhu		
4	2	18761A0252	V. Maha Lakshmi	Mr. A.V. Ravi Kumar	Implementation of railway track-crack detection system using IOT
5		19765A0209	P. Sai Tejaswini		
6		18761A0207	B. Hrushitha		
7	3	18761A0206	Ch. Sai Mounika	Mrs. Tabita	Performance analysis of hybrid islanding detection technique inverter based DG system
8		18761A0243	R. Rohit siva rama Raju		
9		18761A0247	T. Murali Krishna		
10	4	18761A0236	N. Vasanthi	Mr. K. Nagalinga Chary	Arduino based automatic servo voltage stabilizer
11		19765A0206	M. Mukesh		
12		18761A0215	Ch. Sai Nikhil		
13	5	18761A0229	K. Sai Dharma Teja	Mr. P. Srihari	Short term load forecasting using deep learning
14		18761A0211	B. Blessy		
15		18761A0222	G. Sai Krishna		
16	6	18761A0246	Sk. Salman	Dr. Nageswara Rao	Global practical swarm optimization based sensor less MPP approach for PV cell
17		18761A0232	M. Sai Prasanth		
18		18761A0201	A Bhawan sundar kumar		

19	7	19765A0204	G. Gopala Rao	Dr. K. Harinadha Reddy	Fault detection and localization for overload 11-KV distribution lines with direct and indirect measurements
20		19765A0210	T. Sai Kumar		
21		18761A0242	R. Bhanu Prasad		
22	8	18761A0202	A Sai Jaya Krishna	Dr. K.R.L. Prasad	Modeling and current mode control of LLC half bridge converter
23		18761A0214	Ch. Divya		
24		18761A0213	A Balu		
25	9	18761A0203	B N L Mounika	Mrs. K S L Lavanya	Design and simulation of fully electric vehicle using MATLAB SIMULINK with power train block set
26		18761A0249	V Akanksha		
27		18761A0227	K. Chandra mouli		
28	10	19765A0213	Y. Sowmya	Mr. J V Pavan Chand	Internet of Things (IOT) based on smart gird using ARDUINO a thesis
29		18761A0235	N. Sai Sree		
30		18761A0209	V. Bhargaw		
31	11	19765A0202	B. Shainee Winslet	Dr. J. Siva Vara Prasad	Performance of Induction motor using V/F control technique
32		18761A0231	K. Preethi		
33		18761A0230	K. Sai Krishna		
34	12	18761A0212	B. Bhanu Sri	Dr. A V G A Marthanda	Internet of Things (IOT) based smart energy meter using ARDUINO
35		19765A0211	U. Mani Kanta		
36		18761A0210	B. Somla Naik		
38	13	18761A0234	M. Jahnavi	Mr. Ch. Rajesh	Implementation of AI based MPPT techniques for solar PV system
39		18761A0233	M. Siva Kumar		
40		18761A0245	S. Ganesh		
41	14	18761A0218	B. Geethika	Dr. M. Uma Vani	Discrete wavelet transform for estimation of harmonic pollution in low-voltage gird due to electric vehicle charging
42		18761A0250	V. Alekya		
43		18761A0251	V. Rajasekhar Reddy		
44	15	18765A0240	P. Ramya	Mr. B. Pangedaiiah	Improvement in the power quality by using dynamic voltage restorer
45		18761A0226	K. Sahithya		
46		18761A0248	T. Vamsi		

47	16	19765A0203	Ch.DV. Sandeep	Mr. Imran Abdul	Fault detection in single-phase transformer using GSM technique
48		18761A0206	B. Jyothi		
49		18761A0219	G. Vamsi		
50	17	18761A0228	K. Deepika	Mr. P. Deepak Reddy	Design and fabrication of multipurpose fire fighting robot with video streaming capacity
51		18761A0238	P.V. Mohan Chandu		
52		18761A0208	B. Anil		
53	18	19765A0212	V. Srikanth	Mr. M. Raja Nayak	Instantaneous light reflection technique for enhancement of solar PV cell efficiency
54		19765A0207	M. Padmavathi		
55		17761A0250	Sk. Rajia Khasim		
56	19	19765A0201	B. Pavan Kumar	Dr. P. Sobha Rani	IOT based electrical power theft detection and location tracking in distribution system
57		18761A0244	R. siva Parvathi		
58		19765A0208	N. Doondi Raja		
59		18761A0221	G. Indira Priyadharsini Bal		
60	20	18761A0223	G. Pravallika	Mr. P. Rathnakar Kumar	IOT and cloud based wireless home automation
61		19765A0205	K. Mohan Sai		
62		18761A0220	G. Rajeev		
63		18761A0239	M. Mani kanta		

(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	18761A0282	M. Vamsi	Dr. J. Siva Vara Prasad	Implementation of solar tracking using micro controller
8		18761A0269	K. Jhansi		
9		18761A0277	L. Lohitha		
10	4	18761A0295	S. Naga Sai Bhargav	Mr. P. Deepak Reddy	Solar powered smart street lighting system based on vehicular movements
11		18761A0273	K. Lakshmi Sai		
12		18761A0281	M. Sai Kumar		
13	5	18761A0259	Bollepalli Jahanavi	Dr. A V G A Marthanda	Fault detection in power transmission lines using GSM technology
14		18761A0278	Lingamgunta Madhavii		
15		18761A0260	Banam Umesh		
16	6	19765A0217	G. Divya Sri	Mrs. G. Tabitha	Power quality monitoring using passive islanding technique
17		18761A0279	M. Lokesh		
18		18761A0280	M. Durga Prasad		
19	7	19765A0215	g. Jyothi Babu	Mr. Ch. Rajesh	Arduino based automatic power correction and penalty minimization using IOT
20		18761A0287	P. Vaishnavi		
21		18761A0262	Ch. Anand Babu		

22	8	19765A0224	S. Naga Chakravarthi	Dr. M S Giridhar	Modeling and simulation of unified power quality conditioner for voltage SAG/Swell Reduction
23		18761A257	B. Manoj Kumar		
25		18761A0261	B. Nikhilesh		
26	9	18761A0290	Sk. Arshiyaparveen	Mr. B. Bangedaiiah	Power quality Improvement in DFIG wind power system by using FUZZY controlled UPQC
27		19765A0226	V. Jithendra Teja		
28		18761A0285	M. Naveen kumar		
29	10	18761A0296	T. Praveen Sai	Mr. P. Srihari	A Hybrid deep learning approach for wind speed forecasting
30		19765A0220	H. Jahanavi		
31		18761A0288	M.Siva Sai Kumar		
32	11	18761A0291	Sk. Ayesha Begam	Mr. MB Chakkravaarthy	Impact of stress concentrated region on mems based piezoelectric energy harvester
33		18761A0286	P. Prabhu Kiran		
34		18761A0264	D. Ravi Kiran		
35	12	18761A0298	Tentu Kavya	Mrs. T. Nagadurga	Automatic solar panel cleaning system based on ARDUINO for dust removal
36		18761A02A4	Vangaveeti Veera Swamy		
37		18761A0268	Guntru Rambabu		
38	13	18761A0299	T. Gayatri Priya	Mrs. R. Padma	Bi-Directional power flow control of gird and battery connected solar PV fed water pump
39		18761A0265	G. Sandya		
40		18761A0271	K. Hima Teja		
41	14	18761A02A2	U Anusha	Dr. M. Umavani	Energy management of a commercial load in a hybrid renewable energy source based Micro-Grid system using HOMER PRO and typhoon HIL software
42		18761A0288	S Jagadeesh		
43		19765A0221	K Vighneswara Rao		
44	15	19765A0219	G P S C Raghavendra	Mr. A.V. Ravi Kumar	Automatic attendance with face recognition using PYTHON
45		18761A0266	G. Naga Babu		
46		19765A0222	M.S. Vandhana		

47		19765A0216	G Ganesh Kumar		Voice-Based home automation using IOT and ANDROID application
48	16	19765A0218	M Likhitha	Dr. G. Nageswara Rao	
49		18761A02A0	T Venkateswara Rao		
50		19765A0214	B V J Kamal		Automatic fan speed controller by using ARDUNO R3 and temperature sensor
51	17	18761A0274	K Girisai	Dr. K R L Prasad	
52		18761A0275	K. Kalyan Reddy		
53		18761A02A5	Vepuri Sahaja		Single phase transformer less inverter Grid-Connected PV Array Using MPPT
54	18	18761A0289	Sani Koteswaramma	Mrs. K S L Lavanya	
55		18761A0267	G S Vinay kumar Krishna		
56		18761A0297	Tasleema Sultana		DQ current gain controller using FUZZY for power quality Enhancement of PMSG based wind energy conversion system
57	19	18761A0270	K. Akhila	Dr. K. Harinadha Reddy	
58		18761A0276	L. Mohan Sai		
59		18761A02A1	T. Sampath		GSM technology modeling an ARDUINO based smart energy meter
60	20	18761A0253	A S N. Rakesh	Mr. K. Nagalinga Chary	
66		18761A0255	B L. Sowjanya		

Project Coordinators:

Mrs. G. Tabita

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