

Patent details of the students

Sl. No.	Name of the students	USN	Topic	Date Filed	status	Date of published
1	Chandan M Bheem Kumar Haloor Suraj R Nandan V H	4PS20EE401 4PS20EE400 4PS20EE409 4PS20EE407	A Novel Design of UV Disinfection Robot	12/08/2022	Published	26/08/2022
2	Chandan M Bheem Kumar Haloor	4PS20EE401 4PS20EE400	Virtual Visual Fault Locator	20/04/2022	Published	30/09/2022
3	Suraj R	4PS20EE409	Touch Kiosk	20/04/2022	Published	30/09/2022
4	Chandan M Bheem Kumar Haloor Suraj R Jagadish V R	4PS20EE401 4PS20EE400 4PS20EE409 4PS20EE403	Water surface cleaning boat using IOT	12/03/2023	Published	17/03/2023
5	Shivarudrayya I Darwadmath Bheem Kumar Haloor	4PS21EE043 4PS20EE400	Design of low cost solar instant solar heater	12/03/2023	Published	17/03/2023

Winners of Technical Project Exhibition

2019-20		
Sl No.	Title	Name of the Students
1	Smart Helmet based on IOT	Darshan C P, Maqsood Shariff, Mahesh B and Varun
2	OTP Based Lineman Security System	Thejaswini K P, Sahana C M, Kowsalya and Meghana R N
3	Automatic Strategy to control entire villages with level authentication	Thjaswini M G, Spoorthi B G, Priyanka K, Manju T S
4	Condition Monitoring and fault detection system in transformer using IOT	Madan H B, Nithin Y P, Raghu M, Subramanya Y A
2020-21		
Sl No.	Title	Name of the Students
1	Fabrication of bio chemical battery for home automation	Chandini P R, Harshitha, Jayasurya, Lakshmana
2	Automatic solar panel cleaning robot	Ajmal shariff, Akash, Arshad Ahmed, Ifthekhar Ahmed
2021-22		
Sl No.	Title	Name of the Students
1	IOT Based battery parameter monitoring system for electrical vehicle	Ayesha Harmain, Bhojaraj B J, Bhoomika B, Chaitra C B,
2	Gesture controlled speech assistant device for verbally disabled	Rsyed Faizan N, Tellarikhongbuhphan G, Varshitha R, Venu K

Students participation in various inter college competition

SI. No	Events	Student Name	Organizer	Awarded	Date
1	“Developments in the domain of Engineering Sciences” (NCDDDES-2022)	Jagadish V K Bheemkumar Haloor Nandan V H	SSIT, Tumkur	Participation	04/06/2022
2	“Developments in the domain of Engineering Sciences” (NCDDDES-2022)	Chandan M Suraj R	SSIT, Tumkur	Participation	04/06/2022
3	“Developments in the domain of Engineering Sciences” (NCDDDES-2022)	Darshan M Farman Ahmed Kusuma Meghana	SSIT, Tumkur	Participation	04/06/2022
4	“Developments in the domain of Engineering Sciences” (NCDDDES-2022)	Chandan R Bhavya Mahadeva Prasad Dilanchi Sangma	SSIT, Tumkur	Participation	04/06/2022
5	“Developments in the domain of Engineering Sciences” (NCDDDES-2022)	Dhaksha Deekshith I S Kumar M Anusha D M	SSIT, Tumkur	Participation	04/06/2022
6	Manthan Business Plan-2022	Chandan M Suraj R	FKCCI, Banglore	Participation	28/04/2022
7	Udyami Hagu Udyogo Needu	Chandan M Suraj R	Department of Industries and Commerce, Govt. of Karnataka	Participation	28/04/2022
8	6th National level Techno Exhibition	Chandan M Suraj R Jagadish V K Bheemkumar Haloor	Dr. AIT College, Banglore	Participation	13/04/2022
9	Anveshana	Chandan M Suraj R	Agastya international Foundation and Synopsys	Participation	25/03/2022 to 28/03/2022
10	Smart India Hackothan-2022	Chandan M Suraj R Bheemkumar Haloor	PESCE, Mandya	Participation	18/03/2022
11	Atmanirbar Bharat	Chandan M Suraj R Jagadish V K	Karnataka State Council for Science and Technology	Participation	06/09/2021

12	Ideathon	Chandan M Suraj R	PESCE, Mandya	Participation	28/08/2021
13	Career in Arts	Chandan M	Vivekananda College Bangalore	Participation	07/08/2021

Student Paper Publication/Presentation Details

Sl. No	Author Name	Title	Journal/Conference
Academic Year : 2016-17			
1	Harisha K S, Gouthami N, Harshitha V, Madhu C.	Partial Discharge Analysis of a Solid Dielectric Using MATLAB simulink.	International journal of innovative research in electrical, electronics, instrumentation and control engineering vol. 4, issue 6, June 2016.
2	Chandrakanth B, Flavia Valentina, Pooja B S and Suneel	Analysis of Partial Discharge in Rubber a Solid Dielectric using MATLAB Simulink	International journal of innovative research in electrical, electronics, instrumentation and control engineering vol. 5, issue 5, May 2017.
3	Chandrakanth B, Flavia Valentina, Pooja B S and Suneel	Comparison of PD Activity for Different solid Dielectrics having Cubical Void using MATLAB Simulink.	International journal of innovative research in electrical, electronics, instrumentation and control engineering vol. 5, issue 5, May 2017.
4	Chandrakanth B, Flavia Valentina, Pooja B S and Suneel	Comparison of PD Activity in Cubical Void for Different Dielectrics using MATLAB Simulink.	International journal of innovative research in electrical, electronics, instrumentation and control engineering vol. 5, issue 5, May 2017.
Academic Year : 2017-18			
5	Mohamed Adnan khan, Manojgowda	Design and Implementation of Mobile Phone Signal Detector.	International journal of Digital Integrated Circuits in Electrical Devices. vol. 2, issue 2, July 2017.
6	Chandrakanth B, Flavia Valentina, Pooja B S and Suneel	Comparative Study of Breakdown Phenomena and Viscosity in Liquid dielectrics.	International journal of innovative research in electrical, electronics, instrumentation and control engineering vol. 5, issue 6, June 2017.
7	Chandrakanth B, Flavia Valentina, Pooja B S and Suneel	Comparative Study of Different Phenomena in Liquid Dielectrics at Different Gap Distances.	International journal of innovative research in electrical, electronics, instrumentation and control engineering vol. 5, issue 6, June 2017.
8	Nagesh ,Padmanabha, Sandeep, Shivakumara and Vivekachar.	PLC Based Electrical Demand Management in Sugar Industry.	International journal of electrical and electronics Engg. vol. 9, issue 2, July 2017.
9	Harisha k s	Analysis study on partial discharge magnitudes to the parallel and perpendicular axis of a cylindrical cavity	International journal of engineering trends and technology(IJETT)- VOLUME 45 NO.7 MARCH 2017
Academic Year 2018-19			
10	Vibin, Ravi, Ramya, Arsiya	Programmable Protective device for LV distribution system protection	International academic journal on Protection and Control of Modern Power Systems (Springer), Vol. 3, No. 28, September 2018
11	Jeevan thalithanooji	Design and simulation of	IJRECE VOL.6 ISSUE3(JULY-

	,jayanth ,nikhitha banasavadi ,Krishna sahana m j,Gurunatha	hybrid renewable energy system design by artificial neural network aapproach	SEPTEMBER 2018)
Academic Year 2019-20			
12	Chandini P R.Harshitha S Jayasurya J Lakshman K	Fabrication of Bio-Battery and Home Automation	International journal of innovative research in electrical, electronics, instrumentation and control engineering vol. 5, issue 6, June 2020.
13	Manoj Gowda S.P, Kisore G,	Design and Implementation of Feedback Control System for 6-DOF Stewart Platform	International Journal of Advanced Research, Vol. 7, No. 10, pp. 28-40
14	Tejas Manuja Priyanka Spoothi	Automatic Strategy to Control Entire Villager's Water Valves with User Level Authentication	International Journal of Research Publication, Vol. 9, No. 12, December 2019.
15	Tejaswini K.P Sahana C M Kowsalya S Meghana R N	OTP based Lineman Security System	International Journal of Engineering Research and Technology, Vol. 9, No. 2, pp. 194-199, February 2020.
Academic Year 2020-21			
16	Deekshitha S Deepashree R , Divya H S, Harshitha K N	Ac digital smart meter using arduino and PZEM-004T	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering (IJAREEIE) Volume 11, Issue 4, April 2022
17	Chaithra CB Ayesha harmain Bhojaraj Bhoomika B Shazia Sharif	Battery Parameter Monitoring and Control System for Electric Vehicles	SSRG International Journal of Electrical and Electronics Engineering Volume 9 Issue 3, 1-6, March 2022
Academic Year 2021-22			
18	Uday M.J	Dual mode DC-DC Power Converter for Solar Battery Charger	SSRG International Journal of Electrical and Electronics Engineering, Vol. 7, No.7, pp. 1-5, July 2020.
19	Anupam R, Aiswarya D, Arpitha M.D, Adarsh P	Arduino based Earthquake Detector using Accelerometer	International Journal of Advanced Research in Electrical, Electronics and Instrumentation Engineering, Vol. 9, No. 7, pp. 2003-2008, July 2020.
20	Subramanya Y A, Raghu M	IOT based Monitoring and Control of Faults in Power Distribution Transformers	SSRG International Journal of Electrical and Electronics Engineering, Vol. 7, No.12, pp. 37-41, December 2020.
21	Ajmal sheriff, salman khan, arshad ahmed,asha ms,zabiulla	Introduction, history, types and applications of lithium ion battery (a review)	International research journal of engineering and technology, volume 07 issue 12, dec 2020
22	Chandini p r, harshitha s, jayasurya j, lakshmana k	Fabrication of bio-battery for home automation	International journal of innovative research in electrical, electronics, instrumentation and control engineering vol. 8, issue 7, July 2020

Participation in national / international competitive events

Sl. No	Name	Place	Participation	Date	Event
1	Chandan M Suraj R Pramod kumar k	Bangalore	State level Project Exhibition	25 th to 28 th of march- 2022	Anveshana 2022 Science & Engineering fair virtual
2	Prajwal T R Ganesh R	Bangalore	State level Project Exhibition	25 th -27th Feb 2020	Anveshana 2020 Science & Engineering fair
3	Monika Mohammed Adnan khan	Bangalore	State level Project Exhibition	25 th -27th Feb 2019	Anveshana 2019 Science & Engineering fair
4	Darshan C P Mahesh M	Bangalore	State level Project Exhibition	25 th -27th Feb 2018	Anveshana 2018 Science & Engineering fair