SANSKRITHI SCHOOL OF ENGINEERING

Behind SSSS Hospital, Beedupalli knowledge park, Prasanthigram, Puttaparthi - 515134
Affiliated by JNTUA & Approved by All India Council for Technical Education (AICTE). www.sseptp.org

Date : 21.04.2021

Complaint solved report

The following grievance had taken to the examination committee and was forwarded to the principal immediately. The problem was solved and the institution had permitted to allow the girl child in between the examination for rest room by providing a faculty coordinator with the girl child.

Committee Members

S. No	Name of the Member	Designation	Position	Signature
1	Dr. A. Senthil Kumar	Principal	Chair Person	
2	Ms. Anita Sherin	Placement Coordinator	Member Secretary in General	
3	Ms. M. Swetha	AP / H & S Department	Member	
4	Ms. S. Sumalatha	AP / EEE Department	Member	
5	U. Deekshitha	Student, IInd Year ECE	Member	
6	Ms. V. Greeshma	Student, IInd Year EEE	Member	
7	Ms. M. Bhavana	Student, IInd Year ECE	Member	

Principal

Exam Cell Coordinator

Principal
Sanskrithi School of Engineering
Beedupalli Road, Prasanthigram
PUTTAPARTHI - 515 134.
Anantapuramu (Dt) A.P.

Sanskrithi School of Engineering ★ Puttaparthi ★

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Date: 25.5.2022

Complaint Solved Report

According to the student complaint the action was taken on the following day and the name was changed according to the mark sheet in the course completion certificate. The problem was resolved in the following day (25.5.22)

www.sseptp.org

SANSKRITHI SCHOOL OF ENGINEERING

COURSE COMPLETION CERTIFICATE

SSE/CC/2018-2022/26

This is to certify that Mr/Ms Y. Lashmi Sai Priyanka
bearing Registration Number 18KF1A0126 has successfully completed
B.Tech in Civil Engineering at Sanskrithi School of Engineering
Under the affiliation of JNTUA, approved by the AICTE during the academic years 2018-2022

(Dr Senthil Kumar A)
PRINCIPAL
Sanskrithi School of Engineering

Beedupalli Knowledge Park, Behind SSSIHMS, Puttaparthi, Sri Sathya Sai (Dist) - 515 134, Andhra Pradesh

Principal
Sanskrithi School of Engineering
Beedupalli Road, Prasanthigram
PUTTAPARTHI - 515134
Anantapuramu (Dt), A.P.

Sanskrithi School of Engineering
KF
Puttaparthi

www.sseptp.org

SSE
SANSKRITHI SCHOOL OF ENGINEERING

COURSE COMPLETION CERTIFICATE

SSE/CC/2018-2022/26

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B.Tech in Civil Engineering at Sanskrithi School of Engineering

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Beedupalli Knowledge Park, Behind SSSIHMS, Puttaparthi, Sri Sathya Sai (Dist) - 515 134, Andhra Pradesh

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3	Ms. M. Sweatha	AP / H & S Department	Member	
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Principal

Exam Cell Coordinator

Sanskrithi School of Engineering
KF
Puttaparthi

Principal
Sanskrithi School of Engineering
Beedupalli Road, Prasanthi Nilayam
PUTTAPARTHI - 515 134
Anantapuramu (Dt), A.P.

Complaint Solved Report

According to the Student complaint they missing paper was mingled with the ECE department papers, At last the paper was evaluated once again by the concern faculty and the mark was changed in the paper. The Complaint was resolved by within seven days (3/1/21) from the date of complaint.

SSE SANSKRITHI SCHOOL OF ENGINEERING, PUTTAPARTHI

IV B. Tech I Semester II Mid–Term Examinations (2017-18): Descriptive

Branch: EEE | Sub: Electrical Distribution systems | Sub Code: 15A02701

Time: 90 Min | Date: 23-12-2020 | Max marks: 30

Answer any three questions. All questions carry equal marks.

1) Explain the project planning of Distribution automation?
2) Explain Automatic meter reading (2) GIS
3) Explain Load modelling characteristics?
4) A 50 Hz supply takes 31.7 amp at P.F of 0.7 laggig calculate the capacitance require in parallel with motor to raise the pf to 0.9 lag
5) Explain the power factor correction equipment?

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Sanskrithi School of ... KF

Principal
Sanskrithi School of Engineering
Beedupalli Road, Prasanthi...
PUTTAPARTHI - 51...
Ananthapur...

SSE SANSKRITHI SCHOOL OF ENGINEERING

Beedupalli Road, Prasanthigram, Puttaparthi, Anantapuramu Dist - 515 134.
Approved by AICTE, New Delhi & Affiliated to JNTUA, Anantapuramu

Code:KF

B.Tech IV Year I Semester I Mid Exam Date: 23/12/2020

Name of the Student S Hazira

Roll No | 1 | 7 | K | 1 | A | 0 | 2 | 0 | 1 |

Subject Name Electrical distribution System Subject Code 15204701

No of Additionals taken 1

Marks

1	2	3	4	5	6	7	8	9	10	Marks DES [15]	Marks Assignment [05]	Marks OBJ [10]	TOTAL Marks [30]
10	08			04					26	13			

S Hazira
Signature of the Student

Signature of the Invigilator

Answer all bits of a question in one place separately

1 Explain the project planning of Distribution automation

The word Automation means doing the particular task automatically in a sequence with faster operation rate. This requires the use of microprocessor together with communication network and some relevant software programming. Application of automation in distribution power system level can be define as automatically monitoring, protecting and controlling switching operations through intelligent electronic devices to restore power service during fault by sequential events and maintain better operating conditions back to normal operations.

Distribution System planning is the process of analyzing the electric distribution system to access whether it is capable of serving existing and future power demand (Sometimes called load) under normal conditions and when things go wrong (Sometimes called Contingencies), like equipment failure.

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* Accurate meter readings, no more estimates
* Improved billing
* Accurate profile classes and measurement classes, true costs applied
* Improved Security and tamper detection for equipment
* less financial burden Correcting mistakes
* less accrued expenditure
* Transparency of "cost of read" making
* In case of shortages, utility will be able to manage/ allocate supply

5) Power factor correction is the process of Compensating for the lagging current by creating a leading current by connecting Capacitors to the Supply.

Power factor Correction (PFC) aims to improve power factor and therefore power quality. It reduces the load on the electrical distribution System, increases energy efficiency and reduces electricity costs. It also decreases the likelihood of instability and failure of equipment.

* Verilogic power factor controller, Power factor Controller
* Automatic power factor correction panel, APFC panels for low voltage applications
* Power logic PFC Controller, Intelligent power factor correction Controllers
* Offsets the inductive currents by introducing equal and opposite Capacitive currents, thereby neutralizing the inductive currents
* Reactive energy which Supplies the magnetic circuits of electrical machines must be equalized by means of Suitable Systems.

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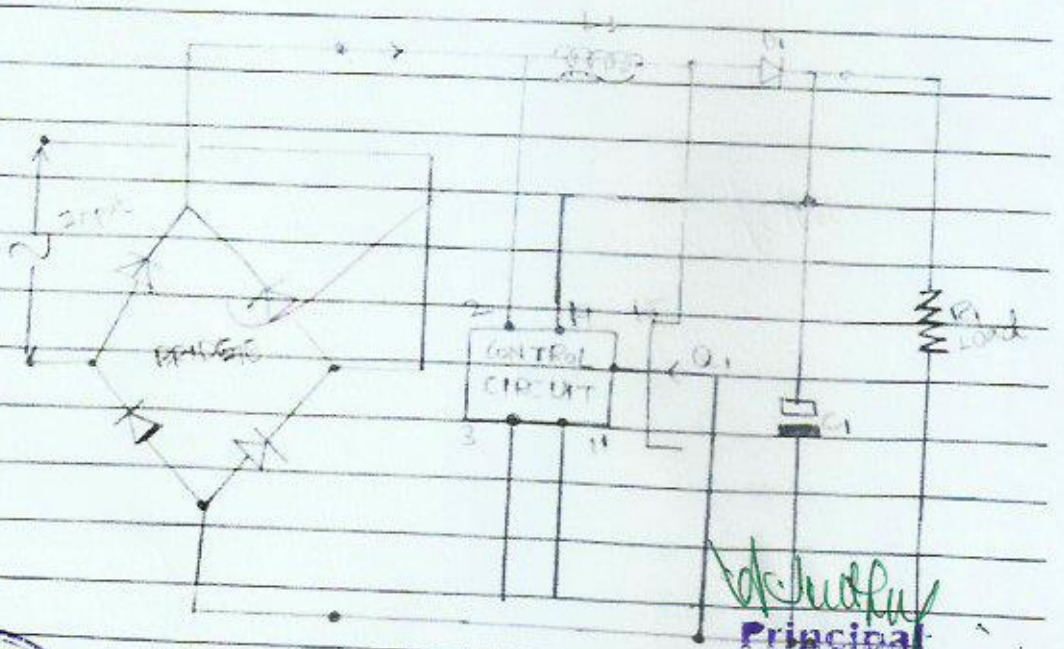
* APFC unit is connected between your Incoming power Supply and your main distribution panel Comprising of Capacitors
* It offsets the Inductive currents by introducing equal and opposite Capacitive currents thereby neutralizing the Inductive elements
* power factor correcting equipments improves the power factor which improves the power quality. Power factor correcting equipments increase the efficiency of power Supply. Delivering Immediate cost Savings on electricity.
* Power factor is the ratio of Active power to the apparent power drawn by any load
* low power factor leads to increased transmission and distribution losses leads to increase in production, heating and burning of wire
* Real power is the power that actually powers the equipment and performs useful, productive work
* Reactive power is required by some equipment
* Apparent power is Vector sum of Real and Reactive power.



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