



News Bulletin

Department of Electrical & Electronics Engineering, Bhagwant University, Ajmer

With pleasure Department of Electrical & Electronics Engineering is publishing this news Bulletin for session 2017-18. Wherein various activities carried out from July 2017- October 2017 are highlighted.

Workshops

In order to develop & promote entrepreneurship various workshop activities organized for various students which are as below details-

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EDITOR BOARD

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Prof. (Dr.) V.K Sharma

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1. Ceiling Fan Rewinding

The workshop took place on 13th Sept. 2017 in Electrical workshop lab room no.330B. The training-workshop was attended by 25 students of B.Tech (EEE) and Diploma (EE) students.

By this workshop all participants were aware and learned Testing of Ceiling Fan, Replacement of Fan Bearing, and Rewinding of Ceiling Fan & Maintenance of Ceiling Fan & can start their own workshops for repair & maintenance of ceiling fan.



2. Converting Old CFL to LED

The workshop took place on 20th Sept. 2017 in Electrical Machine lab room no.325. The training-workshop was attended by 20 students of B.Tech (EEE) and Diploma (EE) students.



All participants were aware and learned about Converting CFL old bulb to LED bulb. The approximate price of converting CFL to LED is Rs- 40/-

Converting Old Fluorescent Tube to LED tube

This workshop arranged on 27th Sep 2017 in Electrical workshop lab room no.330B. The training-workshop was attended by 18 students of B.Tech (EEE) and Diploma (EE) students. By this workshop all participants got knowledge about Converting Old Fluorescent Tube to LED tube, The approximate price of converting Fluorescent to LED tube is Rs- 60/-



Projects

1. Water level indicator With Alarm

The water level indicator was prepared, assemble and tested by Karma Zemsho, some Kumar, Sourav Kumar., Prince Kumar.

The operation of this project is very simple and can be understood easily. In this project “water level indicators” are at 3 main conditions:

- a. When there is no water available in the tank.
- b. Intermediate level indication at half and 2/3 level
- c. When tank is full

The cost of the water level indicator with alarms is Rs- 70/-



2. Solar Charger

This project was prepared, assemble and tested by Gautam Kumar, diploma 2nd Year.

The output of the solar charger is 300mA at 5 V

This project is very useful and Economical and can be used for various applications like Mobile charger, Led indications, Night lamp, Decorative lamps etc...

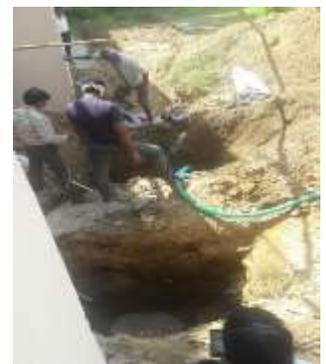
The cost of Solar Charger is Rs- 300/-

- ### 3. Lift (Elevator)- Lift (Elevator) for AIT campus is under commissioning stage & likely to be completed by October 2017. It is 13 passengers with 884Kg capacity complete with all safety features display & by audio. Also having an Automatic rescue device so that in case of Power failure, passengers can reach to nearest floor safety. The supplier of lift (Elevator) is M/S KONE ELEVATOR



3.1 Earthing- As a part of Erection / commissioning of lift 2 Nos earthings were required and same has been prepared by our electrician and our students got experience about preparation and execution of earthing.

3.2 Machine Room - At the top of the roof, machine room for lift has been prepared and all electrical wiring from main distribution board to this room has been done. This room contents wiring of ceiling fan, exhaust fan, tube light and mains supply of 415V, 50 c/s, 3-phase complete with MCCB, 4 core x 10 square mm Armored cable. Our students involved in assembly and wiring of machine room. The motor used in Elevator is 3-Phase Gearless Elevator motor, 5.8KW, 90.90RPM, 14.3A, 320V and 39.9 Hz.



Result 2016-17

| S.No | Course | Branch | Sem | Total no of students | Pass | Fail | Pass percentage |
|------|------------------------|--------|---------------------|----------------------|------|------|-----------------|
| 1 | B.Tech | EEE | II | 7 | 7 | 0 | 100 |
| 2 | B.Tech | EEE | IV | 24 | 20 | 4 | 83.33 |
| 3 | B.Tech | EEE | VI | 25 | 23 | 2 | 92 |
| 4 | B.Tech | EEE | VIII | 20 | 20 | 0 | 100 |
| 5 | M.Tech | PS | II | 1 | 0 | 0 | 100 |
| 6 | M.Tech | PS | IV | 5 | 5 | 0 | 100 |
| 7 | M.Tech | C&A | II | 3 | 3 | 0 | 100 |
| 8 | M.Tech (Part Time) | PS | II | 1 | 0 | 0 | 100 |
| 9 | M.Tech (Part Time) | PS | VI | 3 | 3 | 0 | 100 |
| 10 | Diploma | EE | 3 rd yr. | 42 | 40 | 02 | 95.2 |

Toppers 2016-17

| S.No | Course | Branch | Roll No. | Student Name | Overall Percentage / CGPA |
|------|---------|--------|-------------|---------------|---------------------------|
| 1 | Diploma | EE | 8150112205 | Ajit Kumar | 89.4% |
| 2 | B.Tech | EEE | 71101630429 | Ramjet Sharma | 8.27 CGPA |
| 3 | M.Tech | PS | 41501130002 | Garima Sikka | 8.56CGPA |

Placements of students pass out during 2017

| S.No | Student Name | Roll No. | Qualification | Name of the company |
|------|--------------------|-------------|---------------|-----------------------------|
| 1 | Nitish Kr. Jha | 11301150005 | B.Tech/ EEE | URF Infra Ltd. Mangalore |
| 2 | Karma | 21401150003 | B.Tech/ EEE | Bhutan Power Corp. Bhutan |
| 3 | Prema Renzine | 21401150003 | B.Tech/ EEE | Bhutan Power Corp. Bhutan |
| 4 | Sonu Shekhar | 11301150015 | B.Tech/ EEE | Delhi Municipal Corp. Delhi |
| 5 | Pallav Saurav | 11301150014 | B.Tech/ EEE | ABB, Khuriya Bihar |
| 6 | Vikash Kr. | 11301150016 | B.Tech/ EEE | Quess Corp. Patna Bihar |
| 7 | Ramjeet Kr. Sharma | 71101630429 | B.Tech/ EEE | Legrand Ltd. Delhi |

Sport and Club Activities

From 4th Sept. to 8 Sept. 2017. Sports week celebrated in Bhagwant University where in students from EEE department actively participated in various games like Football, cricket, Kabbadi. Badminton, Volleyball and kho -kho. In cricket, Volleyball and kabbadi our EEE students achieved semi-final position & awarded.

Also on 9th sept. Tech fest organized where in around 25 students of diploma and B.Tech participated and given thought on various topics like Green Research Technology, Hydropower Plant, DC Motor, AC Motor, Transformer, Circuit breaker, Solar Energy etc.



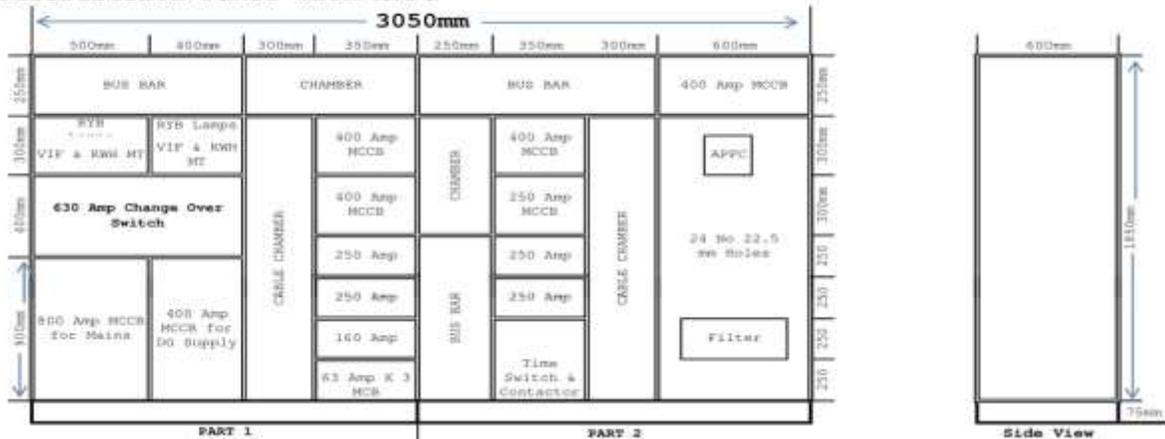
Visits - A Technical tour is being organized for EEE department in the month of October 2017 after Midterm Examination.

New Development

Mains LT Panel for Bhagwant University Campus

At Bhagwant University Campus a new electrical main LT panel is going to install and

Main LT Distribution Panel with APFC



commission complete with all safety equipments shortly. This shall have interfacing with mains incoming supply and DG supply also 5 Nos outgoing cables for ABCD and E- Blocks.

The contract has been processed with M/S Siemens authorized dealer jaipur & hope to complete by 10 November 2017.

Memberships - Mr. Sanjeet Kumar Pursuing B.Tech EEE got student Membership with Institution of Engineers India Kolkata (IEI) vide membership number SM0002396. Dated 06 October 2017.

