



# ST. JOSEPH'S DEGREE & PG COLLEGE

(Autonomous), Affiliated to Osmania University  
Re-accredited by NAAC (3<sup>rd</sup> Cycle) with B++ Grade  
King Koti Road, Hyderabad

## CSIR-NGRI-Industry REPORT

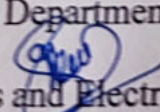
Date : 26<sup>th</sup> September 2022  
Organized by : Department of Physics & Electronics.  
Target Group : B. Sc (MECs & MPCs) II Year.  
Faculty Coordinator : Dr.D. Padmashri  
Student Coordinators: Ms Sharavani, Mr. Shiva, Mr. & Neeraja, Moksha Prasunna.

**Objective:** Main objective is to increase awareness among students about the importance CSIR & as well as research of Geophysics.

CSIR Foundation day celebrates the 81<sup>st</sup> Foundation day, Council of Scientific Industrial & Research for which to show the seeds of scientific temper. The department of Physics & Electronics organized a visit to CSIR-NGRI, Uppal on 26<sup>th</sup> September 2022, to make awareness among the students about the importance of science and technology in their lives. A total of 30 students from B. Sc (MECs & MPCs) II year along with faculty coordinator Dr.D. Padmashri were visited.

The students visited CSIR-NGRI-Industry on celebration of 81<sup>st</sup> Foundation Day of CSIR & attended class about importance of science and technology and their advantages & disadvantages. Also interacted with research scientists of the organizations, & they given demonstration using Research & Development projects.

**Outcome:** The students of St. Joseph's Degree & PG college learned and acquainted with advantages of science & technology in today's people's daily life. Also gained the knowledge about the real life projects using science & technology and Geophysics.

Department of  
  
Physics and Electronics

  
Principal

Fr. Dr. D. Sunder Reddy



सीएसआईआर - राष्ट्रीय भूभौतिकीय अनुसंधान संस्थान  
(वैज्ञानिक तथा औद्योगिक अनुसंधान परिषद्)

उष्ण रोड, हैदराबाद - 500 007, तेलंगणा, भारत

CSIR - NATIONAL GEOPHYSICAL RESEARCH INSTITUTE  
(Council of Scientific & Industrial Research)

Uppal Road, Hyderabad - 500 007, Telangana, INDIA



From: Dr. Devender Kumar  
Senior Principal Scientist &  
Scientist-in-Charge, Information Division  
Phone Nos. +91-40-2701 2364, 2701 2796

022

NGRI/INF/CSIR FD-22

07-09-2022

### INVITATION

CSIR Foundation Day Celebrations  
CSIR-NGRI OPEN DAY - SEPTEMBER 26, 2022

Dear Sir/Madam,

I wish to inform you that CSIR-National Geophysical Research Institute (NGRI) will be organizing an **OPEN DAY** on **September 26, 2022, Monday**, to celebrate the 81<sup>st</sup> Foundation Day of the Council of Scientific and Industrial Research (CSIR). The main objective of this endeavour is to sow the seeds of scientific temper, in the impressionable minds of the enthusiastic youngsters. On this occasion, our laboratories and observatories will be kept **OPEN FOR THE PUBLIC** from 10:00 am to 3:00 pm (Entry closes at 3:00 pm). During the course of this event, our researcher will interact with the visitors and familiarize them with the Research and Development (R&D) activities of the Institute supported by field demonstrations on various geophysical/geological methods.

On behalf of The Director, CSIR-NGRI, I take pleasure in extending a special invitation to you, your staff and students to pay a visit to our esteemed Institute on this special day. It is requested that you send the students from class VIII and above only with ID cards, pen and a workbook. A list of students who have received recognition at the state or national level (in science subjects) in their respective classes and *Innovative Science teachers* is also solicited.

Lunch boxes, bags, cameras, water bottles, mobiles, laptops etc. will not be allowed inside the institute premises. Parking of private vehicles, school buses etc. will not be allowed inside the campus. Please confirm your participation by registration on below given link for the Open Day on 26/09/2022.

Link for registration: <https://rectt.ngri.res.in/SchoolRegistration/>

Important: Please instruct the students and teachers to strictly follow the COVID-19 protocols.

Thanking you.

Yours sincerely,

(Devender Kumar)

फोन / Phone : 040 - 27012000/ 23434700  
फैक्स Fax : 040 - 2717 1564, 2343 4651

वेबसाइट Website: www.ngri.org.in

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## ST. JOSEPH'S DEGREE & PG COLLEGE

(Autonomous), Affiliated to Osmania University  
Re-accredited by NAAC (3<sup>rd</sup> Cycle) with B++ Grade  
King Koti Road, Hyderabad

Ref: SJC2022/P&E/Field Visit-2

Date: 22-09-2022

### Notice

This is to inform that the students of B.Sc (MPCs & MECs) II year, Dept. of Physics & Electronics is conducting Field visit to CSIR-National Geophysical Research Institute(NGRI) on September 26, 2022 (Monday), from 10:00 AM onwards. It is mandatory to attend all the students without fail.

Faculty Coordinator

Dr.D.Padmashri

Principal

Fr. Dr.D.Sunder Reddy



# CSIR - NATIONAL GEOPHYSICAL RESEARCH INSTITUTE

A Premier Research Institute in Solid Earth

Open Day at CSIR-NGRI to celebrate 81st CSIR Foundation Day!

26<sup>th</sup> September, 2022

Details successfully Submitted and Registration Id: 19

Note:

- i) Visiting Hours: 10:00 am to 3:00 pm (Entry closes at 3:00 pm)
- ii) Must bring identity card/any other ID proof
- iii) Lunch boxes, bags, cameras, water bottles, mobiles, laptops etc will not be allowed inside the institute premises
- iv) Parking of private vehicles, School Buses etc. will not be allowed inside the campus

Name of The School/College/Institute	ST.JOSEPH'S DEGREE & PG COLLEGE
Address of the School/College/Institute	5-9-300 Caprotti hall building, Gun Foundry, Hyderabad 50001
Name of the coordinating Teacher	Dr.D.padmashri
Mobile number of the coordinating Teacher	9000272203
E-mail Id of the coordinating Teacher	tilewale.padmashri@gmail.com
Number of Coordinating teachers	1
Name, E-mail Id/Mobile number of the Principal/Director of the School/College /Institute	info@josephcollege.ac.in/drpadmashri@josephcollege.ac.in
No. of the Students coming to Exhibition	40

print

Software Designed and Developed by DataCentre and Knowledge Network Unit, CSIR-NGRI © 2022

9/19/2022, 11:41 AM



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FRYKIKI (H)  
Google

Hyderabad, Telangana, India  
Ngri, Near Ngri, Habsiguda Main Rd, Vasant Vihar,  
Habsiguda, Hyderabad, Telangana 500007, India  
Lat 17.414431°  
Long 78.547094°  
26/09/22 01:25 PM GMT +05:30

GPS Map Camera



Google

Hyderabad, Telangana, India  
Uppal Road, CH82+G9Q, Habsiguda, NGRI, Habsiguda,  
Hyderabad, Telangana 500007, India  
Lat 17.416088°  
Long 78.550852°  
26/09/22 11:54 AM GMT +05:30

GPS Map Camera



# ST. JOSEPH'S DEGREE & PG COLLEGE

(Autonomous), Affiliated to Osmania University  
Re-accredited by NAAC (3<sup>rd</sup> Cycle) with B++ Grade  
King Koti Road, Hyderabad

Event: Industry Visit  
Students Attendance

Date: 26-09-2022

S.No	Name of the Student	Roll Number	Signature
1.	G. Sharvani	121421474003	G. Sharvani
2.	Joseph Rishwanth	121421468007	Rishwanth
3.	N. Shiva Reddy	121421474021	N. Shiva Reddy
4.	J. Vaishnavi	121421474018	Vaishnavi
5.	Ch. Saimanideep	121421468016	Saimanideep
6.	Sylvester	121421468011	Sylvester
7.	Uppender Jatangi	121421468019	Uppi
8.	Mohammad Bin Sayeed	121421474023	Mohammad Bin Sayeed
9.	K. Shashank	121421474017	K. Shashank
10.	Manne Shashank Rao	121421474019	Shashank
11.	Sai Teja	121421468003	Teja
12.	Tarun Shinde	121421474012	Tarun
13.	Prabhakar	121421474005	Prabhakar
14.	B. Moksha Prasunadh	121421468002	Moksha Prasunadh
15.	M. Dwaga Lakshmi	121421468014	Dwaga
16.	Neeraja	121421468015	Neeraja

16.	T. Mounika	121421468008	T. Mounika
17	K Rohan Reddy	121421468006	K Rohan Reddy
18.	V. Naga Sai Harsha	121421468009	V. Naga Sai Harsha



## ST. JOSEPH'S DEGREE & PG COLLEGE

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King Koti Road, Hyderabad

### Report on seminar "DC Power supply"

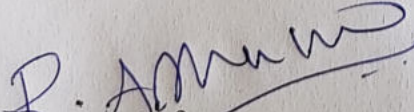
**Date** : 21<sup>th</sup> Spetember 2022  
**Organized by** : Physics & Electronics. Department  
**Target Group** : All registered students.  
**Resource Person** : Dr.G.Ravikumar, Professor, Shadan college of Engineering & technology Hyderabad.  
**Coordinators** : Mr. R. Ashok Kumar, Dr.D. Padmashri  
**Student Coordinators** : A .Pranathi,- III-B.Sc MECs, Jyostnasree- III B.Sc MECs

**Objective:** To provide brief information and knowledge on DC Power Supply encourage students to create innovative ideas on DC Power Supply for real time applications.

The **St. Joseph's degree & PG** college organized a seminar on "DC Power Supply" on 21<sup>th</sup> September 2022 in association with department of Physics & Electronics at Room No 508 from 01.00 P.M to 02.00 PM. A total of 60 students and Three faculty members attended the seminar, the main objective of the seminar was to provide information and knowledge on how to design and create DC Power Supply using various sectors like home system, health system, industrial and commercial system, IoT based systems etc.

After the prayer and brief introduction about resource person, the resource person Dr.G.Ravikumar, Professor, Shadan college of Engineering & technology Hyderabad, was started seminar by giving introduction on DC Power Supply and explained its need and uses in real time applications. Later he explained how Power Supply play an important role in the automation field by showing various sensors physically to the students and as well with respective examples through power point presentation. He concluded the seminar by sharing his experience on real time DC Power Supply applications designed and constructed by his organization. The students shown their ardent interest and technical passion towards real time applications and entrepreneurship by interacting with the resource person at the end of the seminar.

**Outcome:** Students have gained information & knowledge with lot of interest towards DC Power supply for better business and society.

  
Department of

Physics & Electronics

  
Principal

Fr. Dr. .D. Sunder Reddy





## ST. JOSEPH'S DEGREE & PG COLLEGE

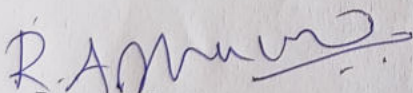
(Autonomous), Affiliated to Osmania University  
Re-accredited by NAAC (3<sup>rd</sup> Cycle) with B++ Grade  
King Koti Road, Hyderabad

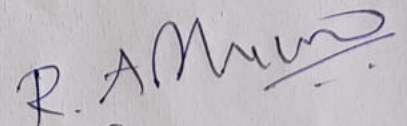
### Schedule

#### Seminar on "DC Power Supply"

Date: 21<sup>st</sup> September 2022

- 12.55 P.M : Welcome speech by Jyotshna sree and welcoming the speaker.  
01.05 P.M : Resouce person Profile by Pranathi  
01.10 P.M : Session will hand over to resource person.  
01.50 P.M : Interaction session with students.  
02.05 P.M : Felicitation to the speaker with memento.  
02.10 P.M : Vote of thanks by Mr. Ashok Kumar.

  
Program Co-ordinator

  
Convener



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King Koti Road, Hyderabad

Ref: SJC2022/P&E/Seminar-1

14/09/2022

DEPARTMENT OF PHYSICS & ELECTRONICS

NOTICE

This is to inform the students of B. Sc MECs & MPCs II Years that department of physics & electronics is conducting seminar on DC Power Supplies by Dr. G. Ravi Kumar, Professor, Department of Electronics & Communication, Shadan College of Engineering & Technology on 21<sup>st</sup> September 2022 from 1:00 PM at room no.508 5<sup>th</sup> Floor.

*R. Ashok Kumar*  
14/09/22  
Faculty coordinators

(Mr. R. Ashok Kumar/Dr. D. Padmashri)

*Dr. D. Sunder Reddy*  
Principal

(Fr. Dr. D. Sunder Reddy)

Principal  
ST. JOSEPH'S DEGREE & P.G. COLLEGE  
King Koti road, Hyderabad-500 029

*IQAC*

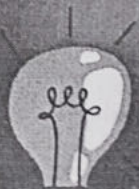


**ST. JOSEPH'S DEGREE & PG COLLEGE**

King koti road, Hyderabad

The department of Physics & Electronics  
is conducting a  
Seminar on

**" DC Power Supply "**



for BSC MECs & MPCs 2nd years

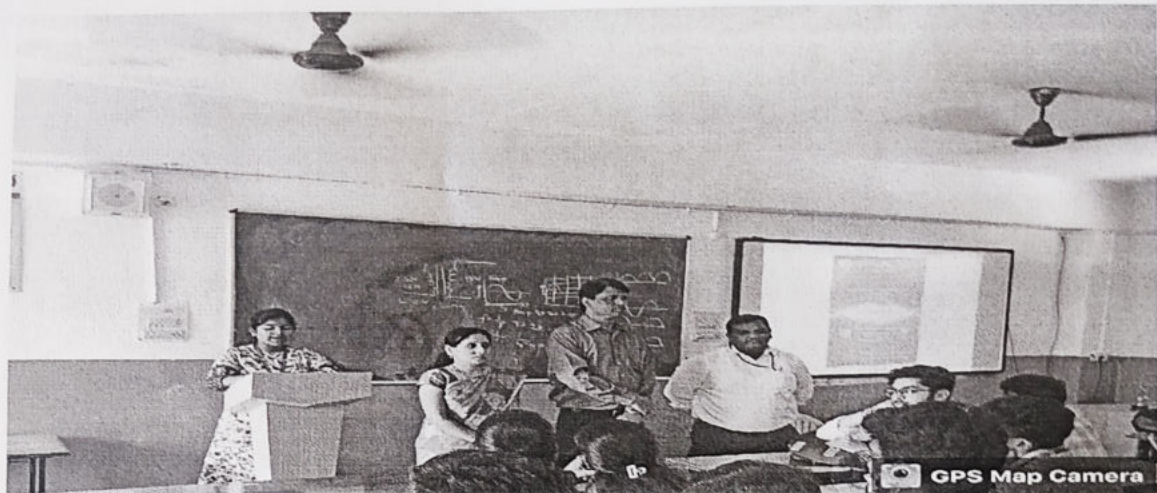
On 21st September 2022

from 1:00pm

Venue: Room no.508, 5th floor



By Dr. G. Ravi Kumar, Professor,  
Department of electronics & communication,  
Shadan college of Engineering & Technology



Basheer Bagh

GPS Map Camera



Google

**Hyderabad, Telangana, India**

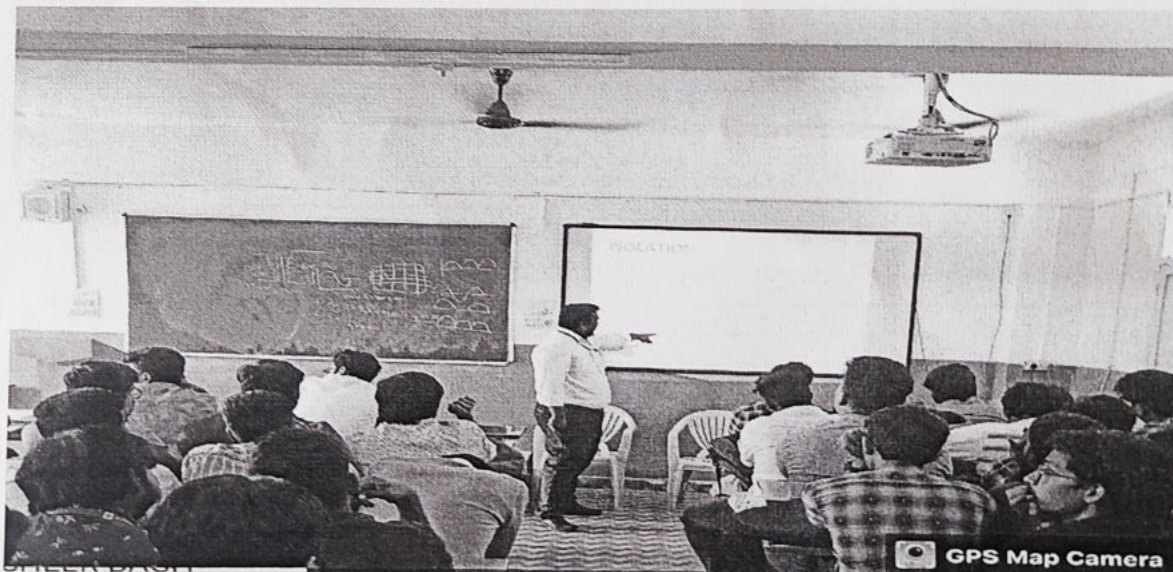
9FWH+VCM, Shergate, Gun Foundry, Basheer

Bagh, Hyderabad, Telangana 500001, India

Lat 17.397032°

Long 78.478459°

21/09/22 02:08 PM GMT +05:30



Basheer Bagh

GPS Map Camera



Google

**Hyderabad, Telangana, India**

ST. JOSEPHS DEGREE COLLEGE BLOCK, ST. JOSEPHS

DEGREE & PG COLLEGE, Gun Foundry, Basheer Bagh,

Hyderabad, Telangana 500001, India

Lat 17.396975°

Long 78.478272°

21/09/22 01:49 PM GMT +05:30



### ST. JOSEPH'S DEGREE & PG COLLEGE

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Department of Physics & Electronics

SEMINAR: DC POWER SUPPLIES			DATE: 21-09-2022
SNo	Roll Number	Name of the Student	Signature
1	121420468009	K. Ganesh Kumar	
2	121420468031	P. Arun Kumar	
3	121420468030	K. Vara Prasad	
4	121420468028	K. Siddhanth	
5	121420468002	A. Vamsi Reddy	
6	121420474008	AJAY KUMAR.	
7	121420474019	J. Kisan Kumar	
8	121420474034	AKHIL	
9	121420474010	Syed Shafiq	
10	121420474002	Abhishek Billa	
11	121420474038	Nithush	
12	121420474003	J. Saicharan	
13	121420474026	Masoom	
14	121420474020	venkat prishna	
15	121420474014	Harsh vyas	
16	121420474031	M. Pranav Teja	
17	121420474039	Vamsi Babu	
18	121420474033	Vinay	
19	121420474035	K. Saicharan	
20	121420474015	Pranav Kumar	
21	121420474007	Sai Nityan	
22	121420474013	Arun Anand	
23	121420474004	Uday Kumar	
24	121420474032	Vijay Ashish	
25	121420474011	K. Rohan	
26	121420474023	Sathvik Reddy	
27	121420474009	Rohan Reddy	
28	121420468021	T. Narendra Kumar	



ST. JOSEPH'S DEGREE & PG COLLEGE  
(Autonomous), Affiliated to Osmania University  
Re-accredited by NAAC B++ (3<sup>rd</sup> Cycle)  
Department of Physics & Electronics

SEMINAR: DC POWER SUPPLIES			DATE:21-09-2022
SNo	Roll Number	Name of the Student	Signature
1	121420474024	A. Pranathi	A. Pranathi
2	121420474001	Chandana	B. Chandana
3	121420474040	Deekshitha	Deekshitha
4	121420468022	P. Suraj	P. Suraj
5	121420468010	Shiva	Shiva
6	121420468018	Shreyash	Shreyash
7	121421474022	S. Chaitanya	S. Chaitanya
8	121421474020	Adithya	Adithya
9	121421468012	T. Vignesh	T. Vignesh
10	121421474005	K. Prabhakar	K. Prabhakar
11	121421474017	K. Shobhan	K. Shobhan



ST. JOSEPH'S DEGREE & PG COLLEGE  
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Re-accredited by NAAC B++ (3<sup>rd</sup> Cycle)  
Department of Physics & Electronics

SEMINAR: DC POWER SUPPLIES			DATE:21-09-2022
SNo	Roll Number	Name of the Student	Signature
1	121420468040	A. Vishal Rao	A. Vishal Rao
2	121420468012	S. Prithvira	S. Prithvira
3	121420468004	Rounak. Tiwari	Rounak. Tiwari
4	121420468005	G. E. S. Kumar	G. E. S. Kumar
5	121420468001	Adarsh Krishna	Adarsh Krishna
6	121420468012	Mirza Rizeen	Mirza Rizeen
7	121420468032	B. Karthik	B. Karthik
8	121420468014	Nagasiddu Sai	N. Sai
9	121420468007	H. Vamsi	H. Vamsi
10	121420468029	Aditya tipupati	Aditya tipupati
11	121421474023	Mohammed Bin Sajjad	Mohammed Bin Sajjad
12	121421474013	SALMAN KHAN	SALMAN KHAN
13	121421474009	Omar Abdullah	Omar Abdullah



ST. JOSEPH'S DEGREE & PG COLLEGE  
(Autonomous), Affiliated to Osmania University  
Re-accredited by NAAC B++ (3<sup>rd</sup> Cycle)  
Department of Physics & Electronics

SEMINAR: DC POWER SUPPLIES			DATE:21-09-2022
SNo	Roll Number	Name of the Student	Signature
1	121421474019	H. Abhashank Reddy	H. Abhashank Reddy
2	121421468010	P. Akash Reddy	P. Akash Reddy
3	121421468025	Suresh	Suresh
4	121421474020	B. Rama Krishna	B. Rama Krishna
5	121421474011	Alkhil	Alkhil
6	121421474012	Tarun	Tarun
7	121421474001	Mahendra	Mahendra
8	121421474004	Manikanta	Manikanta
9	121421474021	Shiva Reddy	Shiva Reddy
10	121421468007	Joseph Rishwanth	Joseph Rishwanth
11	121421474006	K. Rohan Reddy	K. Rohan Reddy
12	121421474007	Mirza Kounain Ali	Mirza Kounain Ali
13	121421468016	Ch. Sai Manideep	Ch. Sai Manideep
14	121421468011	Sylvester	Sylvester
15	121421468025	Mallikarjun	Mallikarjun



ST. JOSEPH'S DEGREE & PG COLLEGE  
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Department of Physics & Electronics

SEMINAR: DC POWER SUPPLIES			DATE:21-09-2022
SNo	Roll Number	Name of the Student	Signature
1	121420474023	B. Gagana	B. Gagana
2	121420474027	Dhanush	Dhanush
3	121420468023	Vardhan Reddy	Vardhan Reddy
4	121420474016	Reon Joseph	Reon Joseph
5	121420468020	Ratna Ganesh	Ratna Ganesh
6	121420468027	Venkatesh	Venkatesh
7	121420468037	Karthik	Karthik
8	121420468003	D. Gopi Krishna	D. Gopi Krishna
9	121420468038	N. Sagari	N. Sagari
10	121420468008	K. Mahindra	K. Mahindra
11	121421474008	Melvin Joel	Melvin Joel
12	121421468006	Sowmya	Sowmya
13	121421474003	Sharvani	Sharvani
14	121421474018	Vishravi	Vishravi
15	121421474016	Richard	Richard
16	121421494007	Karthik	Karthik
17			

# ST. Joseph's Degree & PG College

Autonomous - Affiliated to Osmania University

Re-Accredited by NAAC with 'A' Grade

Department of Physics & Electronics

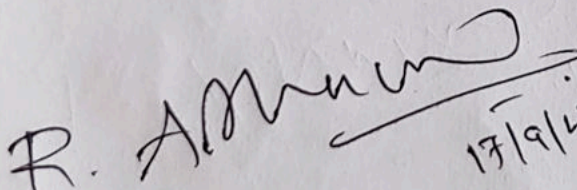
Ref: SJC2022/P&E/Bridge course


Date: 17-09-2022

## Notice - Bridge Course

Academic Year 2022-23

This is to inform that the students of B.Sc(MPCs/MECs) I year, Dept. of Physics & Electronics is conducting **Bridge Course classes** from **19-09-2022 to 23 -09-2022** for notified students and it is mandatory to attend all the classes without fail. The classes are conducted at 5<sup>th</sup> floor in Physics lab & Electronics lab for Physics and Electronics subjects respectively.

  
17/9/22  
(Department of Physics & Electronics)

  
Principal





## ST. JOSEPH'S DEGREE & PG COLLEGE

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King Koti Road, Hyderabad

Ref: SJC2022/P&E/Entry Level test

Date: 19 - 09 - 2022

### Notice-Entry Level Test 2022-23

This is to inform the students of B.Sc (MPCs/MECs) I year that the Dept. of Physics & Electronics is conducting Entry Level Test on 19-09-2022 for the Academic Year 2022-23 from 2.00 PM to 3.00 PM. It is mandatory for all the first year students.

*R. Adnan*  
19/9/22  
(Department of Physics & Electronics)

*L. Reddy*  
Principal



# ST. JOSEPH'S DEGREE & PG COLLEGE

(Autonomous), Affiliated to Osmania University  
Re-accredited by NAAC (3<sup>rd</sup> Cycle) with B++ Grade  
King Koti Road, Hyderabad

Event: Bridge classes  
Students Attendance

Date: 19-09-2022

S.No	Name of the Student	Roll Number	Signature
01	A. Jeevaswini Baitharu	121422474001	A Jeevaswini
02			
03	G. Siddi Sai	121422474014	G. Siddi Sai
04	S. BEN JOCHUA	121422474009	Ben Joshua
05	S. Sujith	121422474019	Sujith
06	Noman ICHAN	121422474006	Noman ICHAN
07	Mohd Akram	121422474027	Akram
08	MOHD ASHAQ	121422474030	Ashaq
09	Firas Adil Ahmed	121422474023	Firas Adil Ahmed
10	Faizal Sathbeer Singh	121422474020	Singh Sathbeer
11	T. Bhesaja Brunda	121422474011	Brunda
12	Jangam Yashraj	121422474012	Yashraj
13	VIKESH. P. CHAVAN	121422474025	Vikesh
14	Abdullah Bin Ali	121422474024	Abdullah
15	Abhilash Joshi	121422474026	Abhilash
16	N. muralidhar Reddy	1214224721028	N. muralidhar Reddy



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King Koti Road, Hyderabad

Event: Bridge classes  
Students Attendance

Date: 20-9-2022

S.No	Name of the Student	Roll Number	Signature
01	A. Tejaswini	121422474001	A Tejaswini
03	G. Siddi Sai	121422474014	
04	N. Muralidhar Reddy	121422474029	
05	S. Sujath	121422474019	S. Sujath
06	Woman Chan	121422474006	
07	Mohd Akram	121422474027	Akram
08	MOHD ASHAQ	121422474030	Ashfaq
09	S. BEN JOSHUA	121422474009	Ben Joshua
10	Mdullah Bin Ali	121422474024	Mdullah
11	P. Bhushaja Brunda	121422474011	BBrunda
12	Tangam Yashraj	121422474012	Yashraj
	Vikesh . P. CHADAW	121422474025	Vikesh
	Sardar Satbeer Singh	121422474020	Singh Satbeer
	Abhilash Joshi	121422474026	Abhilash
16	Firas Adil Ahmed	121422474023	ff



# ST. JOSEPH'S DEGREE & PG COLLEGE

(Autonomous), Affiliated to Osmania University  
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King Koti Road, Hyderabad

Event: Bridge classes  
Students Attendance

Date: 21-09-2022

S.No	Name of the Student	Roll Number	Signature
1	A Tejaswini Baitharu	121422474001	A Tejaswini
03	S. BEN JOSHUA	121422474009	BenJoshua
04.	G. Siddi Sai	121422474014	Siddi Sai
05	N. muralidhar Reddy	121422474029	muralidhar
06	MOMAN Ichan	121422474006	Moman Ichan
07	Mohd Akram	121422474027	Akram
08	MOHAMMED ASHFAQ	121422474030	Ashfaq
09	S. Sujith	121422474019	Sujith
10)	Abdullah Bin Du'	121422474024	Abdullah
11.	P. Bhushaja Brunda	121422474011	Brunda
12	Jagnam Yashraj	121422474012	J. Yashraj
	NIKESH. P. CHAVAN	025	Nikesh
13.	Abhilash Joshi	121422474026	Abhilash
14	Sardar Satbeer Singh	121422474010	Singh Satbeer
15)	Firas Adil Ahmed	121422474023	Firas

# ST. JOSEPH'S DEGREE & PG COLLEGE

(Autonomous), Affiliated to Osmania University  
Re-accredited by NAAC (3<sup>rd</sup> Cycle) with B++ Grade  
King Koti Road, Hyderabad



Event: Bridge classes  
Students Attendance

Date: 28-09-22

S.No	Name of the Student	Roll Number	Signature
1.	A. Tejaswini Baitharu	121422474001	
02	S-BEN JOSHUA	121422474009	
	Mirza Zabi Ullah Baigo	121422474005	
04)	Firas Adel Ahmed	121422474023	
05.	G-Siddi Sai	121422474014	
06	Noman Khan	121422474006	
07	Mohd Akram	121422474027	
08	MOHD ASHAQ	121422474030	
09	S. Sujith	121422474019	
010	N. muralidhar Reddy	121422474029	
11	T. Bhushaja Brunda	121422474011	
12	Jangam Yashraj	121422474012	
	VIKESH. P. CHAUDHARI	121422474025	
13.	Abhilash Joshi	121422474026	
14.	Abdullah Bin Ali	121422474024	
15.	Sardar Satishbell Singh	121422474020	



# ST. JOSEPH'S DEGREE & PG COLLEGE

(Autonomous), Affiliated to Osmania University  
Re-accredited by NAAC (3<sup>rd</sup> Cycle) with B++ Grade  
King Koti Road, Hyderabad

Event: Bridge classes  
Students Attendance

Date: 22-09-22

S.No	Name of the Student	Roll Number	Signature
1.	A. Tejaswini Baitharu	121422474001	
2.	S-BEN JOSHUA	121422474009	
04	Nimra alidhar Reddy	121422474029	
05	Abdulch Bin Mi	121422474024	
06	Noman Khan.	121422474006	
07	Mohd Akram	121422474027	
08	MOHD ASHAQ	121422474030	
09	G. Siddi Sai	121422474014	
10	S.Sujith	121422474019	
	Abhilash Joshi	121422474026	
11	T. Bhushaja Brunda	121422474011	
12	Jagnam Yashraj	121422474012	
13	Nikesh. P. CHAUDH	025	
14	Gardar Sathbeer Singh	121422474020	
15.	Firas Adil Ahmed	121422474023	

Roll Number: Fivas

Name of the Student:

9

### St. Joseph's Degree & PG College

Autonomous – Re-Accredited by NAAC with CGPA 3.49

Department of Physics & Electronics

Entry Level Test

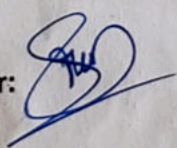
2022-23

B.Sc (MECs) I Year/ Semester I

Max. Marks:  
Date:

Time: 30 min

1. AC voltage in india is equal to  
a) 110V-140V      b) 1KV      c) 22V      d) 220V-240V
2.  $10^3$  and  $10^6$  powers known as  
a) mega, giga      b) kilo, mega      c) kilo, giga      d) milli, kilo
3. Which of the following is semiconductor material  
a) aluminum      b) magnesium      c) germanium      d) copper
4. Unit of capacitance is  
a) Henry      b) hertz      c) farad      d) watt
5. Which of the following metric prefixes could replace  $10^{-6}$   
a) Kilo      b) mega      c) nano      d) micro
6. Nucleus of an atom consists of  
a) electrons, protons      b) protons, neutrons      c) neutrons, electrons      d) none
7. An atom's atomic number is determined by the number of  
a) neutrons minus protons      b) protons      c) electrons      d) none
8. Unit of voltage is  
a) Volt      b) ampere      c) ohm      d) watt
9. Which particle of an atom has no electrical charge?  
a) Electron      b) neutron      c) proton      d) none
10. Current is considered as the movement of  
a) protons      b) electrons      c) neutrons      d) none
11. Voltmeter is used to measure  
a) voltage      b) current      c) resistance      d) power
12. Electrons in the outer most orbit of an atom are called  
a) Free electrons      b) valance electrons      c) conduction electrons      d) none
13. Atoms combine into an orderly pattern is called  
a) crystal      b) liquid      c) gas      d) powder
14. Unit of resistivity  
a) Ohm      b) volt/meter      c) ohm-meter      d) farad
15. Adding impurity material to pure semiconductor is known as  
a) Diffusion      b) doping      c) drifting      d) fusion
16. Tetravalent elements contains how many electrons in the last orbit of each atom 4
17. Solids can be classified into Solid & semi-solids.
18. Charge of an electron is equal to \_\_\_\_\_.
19. Resistance of the material depends on the temperature also. True or False? True
20. Unit of conductance of \_\_\_\_\_

Marks obtained: 9  
Signature of the Lecturer: 

Name of the Lecturer: D. Padmasree

# St. Joseph's Degree & PG College

Autonomous – Re-Accredited by NAAC with CGPA 3.49

Department of Physics & Electronics

Entry Level Test

2022-23

B.Sc (MECs) I Year/ Semester I

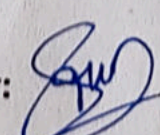
Max. Marks:

Time: 30

Date:

1. AC voltage in india is equal to  
a) 110V-140V      b) 1KV      c) 22V       d) 220V-240V
2.  $10^3$  and  $10^6$  powers known as  
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7. An atom's atomic number is determined by the number of  
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8. Unit of voltage is  
 a) Volt      b) ampere      c) ohm      d) watt
9. Which particle of an atom has no electrical charge?  
 a) Electron      b) neutron       c) proton      d) none
10. Current is considered as the movement of  
a) protons       b) electrons      c) neutrons      d) none
11. Voltmeter is used to measure  
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12. Electrons in the outer most orbit of an atom are called  
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16. Tetravalent elements contains how many electrons in the last orbit of each atom \_\_\_\_\_
17. Solids can be classified into the \_\_\_\_\_
18. Charge of an electron is equal to charge of electron.
19. Resistance of the material depends on the temperature also. True or False? True
20. Unit of conductance of farad

Marks obtained: 6

Signature of the Lecturer: 

Name of the Lecturer: Dr. P. P. P.