

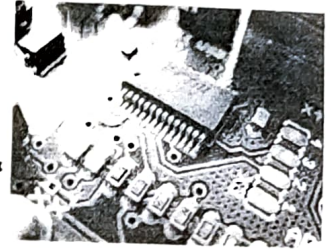
7 Days Certificate Course on BASICS OF ELECTRONICS



Organised by

Department of Physics

Kashi Naresh Govt. P. G. College, Gyanpur- Bhadohi



ON


10-16 May 2020

Mode of Certificate Course : Online [through whatsapp, telephonic conversation and pdf & text documents]

Schedule of Course

Date	Topic / Course content	Time allotted	Faculty
10-05-2020	Introduction, electricity, current, voltage, Components	10.00-12.30 AM	Dr. S. P. Mishra
11-05-2020	Register, register code, circuits, Current and voltage laws, simple analysis, building circuits	10.00-12.30 AM	Dr. A. K. Kushwaha Dr. S. P. Mishra
12-05-2020	Semiconductor, types, PN junction diodes, types and its application as a rectifier	10.00-12.30 AM	Dr. Kalpana Awasthi
13-05-2020	Transistor, types, amplifiers, types and its use as an amplifier	10.00-12.30 AM	Dr. Priyanka Srivastava
14-05-2020	JFET, MOSFET, types of MOSFET, IC Chips.	10.00-12.30 AM	Dr. M. K. Vishwakarma
15-05-2020	Type of IC's, Microprocessors, Origins,	10.00-12.30 AM	Dr. Priyanka Srivastava Dr. M. K. Vishwakarma
16-05-2020	Types of Microprocessors and its application as a driver IC (computers, Mobile etc).. Conclusion	10.00-12.30 AM	Dr. S. P. Mishra Dr. M. K. Vishwakarma
17-05-2020	Test on the basis of the above and E-Certification for participants	10.00-12.30 AM	Department of Physics

#Participants : All M.Sc. students of physics #No Fee for registration #Study materials will be provided by date wise # Last date of registration (join ) is 09-05-2020.

  
Principal  
K. N. Govt. P. G. College  
Gyanpur (Bhadohi) 221304

Head  
Department of Physics  
K.N. Govt. P.G. College  
Gyanpur, Bhadohi-221304 (UP)




## Why Basics of electronics

### Aim / Object of this Course :

This Title / Topic ( Basics of Electronics ) will enable the student to have conceptual understanding of Electricity, Current, Voltage, conductors, electronic components, semiconductors, insulators, extrinsic and intrinsic semi-conductors, p-n junction, need of rectifiers in electronics, understanding of filters in rectifiers, understanding the working of transistors in various configuration ( CB, CE & CC ) ; understanding of FETs and MOSFET, IC's, IC Chips, Microprocessors, types, historical development of Microprocessors etc. For effective functioning in the field of electronics service industry and also to understanding the current Age that is Electronics Age. Can we imagine our life without computer, mobile, Kitchen appliances, medical instruments and many fields. All these are made with the help of electronic components/devices.

Taking the above view we decided to conduct an online workshop/webinar cum certificate course for Post Graduate students only.

Dr. Arun Kumar Kushwaha [convener]  
Dr. Shri Prakash Mishra [organizing secretary]  
Dr. Kalpana Awasthi, [Course Co-ordinaor]  
Dr. Priyanka Srivastava [Course Co-ordinaor]  
Dr. Manoj Kumar Vishwakarma [Course Co-ordinaor]

  
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## Declaration About Course Content

The course contents were prepared with the help of the following's :

Several books of electronics :

V.K. Mehta, Rohit Mehta, Dr. S.L. Kakani, K.C. Bhandari, etc.

[kaytdek.trevorshp.com/projects/conductive/tutorial/tutorial\\_electronics.htm#current](http://kaytdek.trevorshp.com/projects/conductive/tutorial/tutorial_electronics.htm#current)

Internet i.e. from Website's :

<http://engineering.nyu.edu/gk12/amps-cbri/pdf/Basic%20Electronics.pdf>

<https://booksite.elsevier.com/samplechapters/9780750676069/9780750676069.PDF>


NPTL /You tube :

<https://www.youtube.com/watch?v=Wf19H0ts84&list=PL6A5175DB9EF79D22&index=3>

Steps how to conduct this certificate course:

All the participants are advised to follow the procedure to participate the aforesaid certificate course :

1. All the activities regarding with this certificate course will be done through whatsapp group "Basics of Electronics ".
2. The course materials/contents [ audio clip/ vedio clip/ text file ] will uploaded through whatsapp group "Basics of Electronics ".
3. Date wise course content's will uploaded during allotted time.
4. The answer of your quarries will be provided through whatsapp group.
5. At the last a objective test paper will conducted and after than the certificate of this course will be provided.
6. All rights of this certificate course/webinar is reserved by "Department of Physics", K N GOVT P G COLLEGE, GYANPUR BHADOHI.

  
**Principal**  
K. N. Govt. P.G. College  
Gyanpur (Bhadohi) 221304

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**Head**  
Department of Physics  
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**Seven Days Online certificate course on 'Basics of Electronics'**

(10-16 May, 2020)

Organized by

Department of Physics

K.N. Gov. P.G. College Gyanpur, Bhadohi

**Registered Students Details**

S. No.	Email ID	Student Name	Department	10 May 20	11 May 20	12 May 20	13 May 20	14 May 20	15 May 20	16 May 20
1	chandrprakashmaurya12599@gmail.com	Chandra Prakash Maurya	Physics	P	P	A	P	P	P	P
2	anul63842@gmail.com	Anurag Yadav	Physics	P	P	P	P	P	P	P
3	sarveshbhiti@yahoo.com	Sarvesh Kumar Maurya	Physics	P	P	P	P	P	P	P
4	kamaltiwari2266@gmail.com	Kamal Tiwari	Physics	P	P	P	P	P	P	P
5	shivgeshsingh@gmail.com	Shivgesh Singh	Physics	P	P	P	P	P	P	P
6	nikhil945225@gmail.com	Nikhil Kumar	Physics	P	P	P	A	P	P	P
7	anshukumarbhadohi@gmail.com	Anshu Kumar	Physics	P	P	P	P	P	P	P
8	shwetashrivastava317@gmail.com	Shweta Shrivastava	Physics	P	P	P	P	P	P	P
9	naincy012@gmail.com	Naincy Srivastava	Physics	P	P	P	P	P	P	P
10	poojariyatritpathi@gmail.com	Pooja Tripathi	Physics	P	P	P	P	P	P	P
11	gaurish.rnq@gmail.com	Pooja	Physics	P	A	P	P	P	P	P
12	sm28091995@gmail.com	Sanjay Maurya	Physics	P	P	P	P	P	P	P
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14	azsdubey5@gmail.com	Shubham Dubey	Physics	P	P	P	P	P	P	P
15	sulekha221310@gmail.com	Indresh Yadav	Physics	P	P	P	P	A	P	P
16	shreyarsrivastava@gmail.com	Shreya Srivastava	Physics	P	P	P	P	P	P	P
17	majanoos5857@gmail.com	Pradeep Kumar Patel	Physics	P	P	P	P	P	P	P
18	shivamsingh232108@gmail.com	Shivam Singh	Physics	P	P	P	P	P	P	P
19	shaloomaurya2531@gmail.com	Shalu Maurya	Physics	P	P	A	P	P	P	P
20	vp9005825861@gmail.com	Vikash Kumar Pandey	Physics	P	P	P	P	P	P	P



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# 7 Days online certificate course on 'Basics of Electronics'

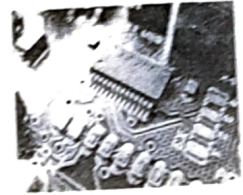
(10 - 16 May, 2020)

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Unique Id: ATDC6Y-CE000028

## Certificate of Participation

This is to certify that

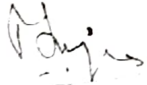
**SHUBHAM DUBEY**


of Class M.Sc. Fourth Semester


from KN Government PG College GYANPUR Bhadohi


has successfully attended "7 Days online certificate course on

Basics of Electronics" organised by Department of Physics.

  
Dr. P. N. Dongre  
Principal

  
Dr. A. K. Kushwaha  
Convener

  
Dr. S. P. Mishra  
Organising Secretary

  
Principal  
K. N. Govt. P. G. College  
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