



Shri Gajanan Shikshan Prasarak Mandal Yeldari Camp's

Toshniwal Arts, Commerce and Science College, Sengaon

Dist. Hingoli-431542

Department of Physics & Electronics

Dr Rajesh A. Joshi

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Annual Report of Certificate Course

**"Electronic Component Identification & Operation"**

Conducted by Physics department during

**AY 2018-19**

**Preface:**

Under graduate class students (B. Sc. I/II/III Year) usually handles the electronic components and gadgets in day to day life without getting to know how it works; hence the department has conducted the certificate course entitled **"Electronic Component Identification & Operation"**. Awareness of such components, its operation and safety measures for use and applications will make students operate these gadgets very efficiently, considering these aspects Department of Physics has continued to carry out the 30 hour contact duration certificate course during AY 2018-19 too.

**Content:**

The contents taught are categorically divided into some basic parts like:

- **Components identification**
- **Component Operation**
- **Measurement Units**
- **Hands on Training**

**Duration of course:**

Conducted teaching and component identification schedule of ~30 contact hours

**Assessment & Evaluation:**


Conducted ~30 marks MCQ test & session on component identification

**Participants:**

~23 (twenty three) students have participated into the course and have successfully complete the course.

**Course outcome:**

Enrolled students have been successfully identified the electronic component and explained its working mechanism, group of students were assigned task of PCB dismantling, isolation of components and assembling which have been successfully completed by the students.

  
Head  
Department of Physics  
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College Sengaon Dist. Hingoli 431542





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### **Feedback analysis**

Department of Physics have continued the **Certificate course in Electronic Component Identification and Operation** for the benefit of the students regarding electronic components identification and knowing its operational mechanism, the course lasted for ~30 contact hours and assessment of the students is done on the basis of score in 30 marks MCQ examination conducted by the department and successive hands on training during the AY 2018-19. The course feedback analysis represents that:

- ✓ Course designing is very good and basic
- ✓ There should be number of classes on hands on training
- ✓ Operational mechanism is very useful
- ✓ Identification should be made more advance
- ✓ The course defined adds more knowledge to the existing part of syllabus

Overall it can be inferred that the certificate course is useful for all those enrolled students.

*Bajaj*

Head,  
Head

Department of Physics  
Toshniwal Arts, Commerce & Science  
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**Toshniwal Arts, Commerce and Science College, Sengaon**  
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Department of Physics & Electronics

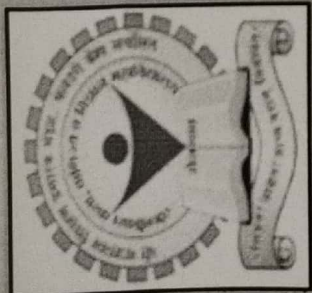
**List of students enrolled for Certificate Course during**  
**AY 2018-19**

Sr. No.	Student Name	Mobile Number
1.	Dayama venkatesh Anand	9588647206
2.	Gawande Sachin Satyanarayan	7218810544
3.	Nayakwal Sudarshan Sarangdhar	9309973474
4.	Chause Hamdan Mohammad	9767146765
5.	Khapare Bhagyashri Babarao	9130496784
6.	Kanhed Kaushal Prashant	8788411420
7.	Nayakwal Mahadev Dwarkadas	9637567408
8.	Jadhav Kuldeep Ratanrao	7741922664
9.	Kute Kalpana Sudamrao	7410541762
10.	Lambe Badrinarayan Ashok	7517527571
11.	Ukhalkar Rashmi Prabhakar	9850792213
12.	Khillare Vanshika Suresh	9096919591
13.	Narwade Rahul Dhondiram	9145458700
14.	Rodge Aniket Dnyanba	8888302156
15.	Dipke Sumit Shivprasad	7769925491
16.	Maindkar Ajay Bhagvan	9623767256
17.	Awchar Gopal Narayan	8530585601
18.	Kamble Gangadhar Bhimrao	9764561542
19.	Kanhed Surbhi Sudarshan	9763281937
20.	Pandit Supriya Dadarao	9604792467
21.	Jadhav Gopal Pralhad	7066481511
22.	Shinde Vishal Narayan	9637311122
23.	Awchar Purushottam Ramdas	7768865312

*B. P. L.*  
Head

Department of Physics  
Toshniwal Arts, Commerce & Science  
College Sengaon Dist. Hingoli 431542





# CERTIFICATE

Shri Gajanan Shikshan Prasarak Mandal's

Linguistic (Marwadi) Minority Institute

(Reaccredited by NAAC with grade 'B')

## Toshniwal Arts, Commerce & Science College, Sengaoon Tq. Sengaoon, Dist: Hingoli

### Department of Physics

This is to Certify That Mr/ Mrs / Miss .....

.....Class.....S

uccessfully completed Certificate Course in "Electronic Component Identification and Operations" of duration more than 30 contact hours organized by the Department of Physics, Toshniwal Arts, Commerce and Science College, Sengaoon, Dist. Hingoli, (MS), India, during AY

2018-19

**Dr. Rajesh A. Joshi**  
Head Department of Physics

**Dr. Nikhilesh S. Bajaj**  
Assistant Professor,  
Department of Physics

Principal



## हजेरी पश्चिका

प्रसारक मंडल, चेन्नई (केंद्र)

व विज्ञान महाविद्यालय, मेरठ

संदिगा \_\_\_\_\_ ३०

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श्री गणेशाय नमः  
तौष्णीवाल कला, वाणिज्य

प्रसाहक मंडळ, येरवली (कॅम्प)  
व विज्ञान मंत्रालय  
२०१८-१९

प्रसाहक मंडळ, येरवली (कॅम्प)  
व विज्ञान मंत्रालय  
२०१८-१९

## हजेरी पुस्तिका

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