

(2017-18)



Shri Gajanan Shikshan Prasarak Mandal Yeldari Camp's
Toshniwal Arts, Commerce and Science College, Sengaon
Dist. Hingoli-431542
Department of Physics & Electronics

30/08/2018

Date: ~~01/02/2018~~

To,
The Principal
Toshniwal ACS College, Sengaon
Dist: Hingoli

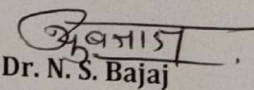
Subject: Regarding Sanction of ~~One Week~~ Certificate Course entitled "Electronics Component Identification & Operation" and confirmation of its Fee Structure

Respected Sir,

With reference to above mentioned and as per your approval for process of one week certificate course entitled "Electronics Component Identification & Operation" we are herewith submitting the course structure and fees required to conduct the course. We feel very happy if you sanction the same and provide us the confirmation to start the course during the period of ~~30-10-18~~ February 2018.

Thanking You!

2017-18


Dr. N. S. Bajaj
Course Coordinator
Assistant Professor
Department of Physics

Through:

1. Dr. R. A. Joshi, (Head) Department of Physics, TACSCS
2. Director, IQAC, TACSCS

TO
The Coordinator
IQAC
As the meeting
30/08/18

स्थापना वर्ष : 1993
Establishment Year : 1993

तोष्णीवाल कला, वाणिज्य व
विज्ञान महाविद्यालय, सेनगांव

ता.सेनगांव जि. हिंगोली (महाराष्ट्र राज्य) 431 542
बैंक : B दर्जा प्राप्त

श्री. गजानन शिक्षण प्रसारक मंडळाने
Shri. Gajanan Shikshan Prasarak Mandali

भाषीक अल्पसंख्यांक दर्जा प्राप्त



दुरध्वनी क्र. (02456) 202465, 250462
Ph.No. (02456) 202465, 250462

**Toshniwal Arts, Commerce &
Science College, Sengaon**

Tq. Sengaon, Dist. Hingoli (MS) 431 542

Re- Accredited by NAAC B

Shri. B. R. Toshniwal

President

Mob. : 9422176770

Shri. U.M. Shelke

Secretary

Mob. : 9422175563

Dr. S. M. Vadgule

Principal

Mob. : 9763396910

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Ref. No. : TACSCS/2017-18/

Date : 01/02/2018

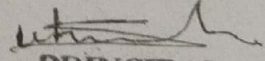
To,

Dr. N. S. Bajaj
Course Coordinator,
Department of Physics

Subject: Approval of one week certificate course entitled "*Electronics Component Identification & Operation*"

Reference: Your Proposal submitted on dated 01/02/2018

I acknowledge your proposal for one week certificate course entitled "*Electronics Component Identification & Operation*" and happy with need and requirement mentioned by you in your proposal. With this I approve course and fee structure submitted by you and looking forward for the grand success of course submitted by you.


Principal
Toshniwal Arts Commerce & Science
College, Sengaon Dist. Hingoli

Brochure for ~~One Week~~ Certificate Course in *Electronics Component Identification & Operation*

- **Introduction**

Students of different background usually handle and operate various electronic gadgets without knowing the actual contents and components working in internal mechanism. Awareness of such components operation and safety measures for handling will make students to use these gadgets very efficiently. Considering these aspects department of physics has taken an initiative by introducing a one week course entitled "*Electronics Component Identification & Operation*"

- **Course Content/ Syllabus**

Introduction to primary components Operation and identification: resistor, capacitor, inductor, diodes, transistors, transformers, power supply, integrated circuits

10 Days)

Measurement Units: Ammeter, Voltmeter, Galvanometer, Multi-Meter (Analog & Digital)

10 Days)

Hands on Training: Primary Circuit formation using above mentioned electronic components with Handling and safety measures required

10 Day)

- **Assessment and Evaluation**

Self Assessment and Evaluation of Students admitted will be carried out through a 1 Hr MCQ pattern online Exam for 30 Marks to qualify the passing criteria each admitted student shall obtain 15 Marks (50%).

- **Fee Structure**

The course being very formal and introductory level thus the fees is very negligible
Rs. 50/- (Rupees fifty only)

- **Materials provided**

With this course the department will provided one Notepad, Pen, Course file and Participation Certificate. However top three students will be felicitated with certificate of achievement and a prize.



Shri Gajanan Shikshan Prasarak Mandal Yeldari Camp's
Toshniwal Arts, Commerce and Science College, Sengaoon
Dist. Hingoli-431542

Department of Physics & Electronics

Dr Rajesh A. Joshi

Assistant Professor and Head

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Mobile: +91-07775058884/09096655278

Dr. Nikhilesh S. Bajaj

Assistant Professor

Email: nikhileshbajaj@yahoo.com

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Annual Report

Certificate Course in Physics entitled "Electronic Component Identification & Operation"
conducted during AY 2017-18

Preface:

Students of different background usually handle and operate various electronic gadgets without knowing the actual contents and components working in internal mechanism. Awareness of such components operation and safety measures for handling will make students to use these gadgets very efficiently. Considering these aspects Department of Physics has taken an initiative by introducing a 30 hour contact duration certificate course entitled "**Electronic Component Identification & Operation**" during AY 2017-18.

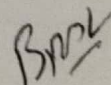
Content: The contents taught are categorically divided into some basic parts like **Introduction to primary components Operation and identification, Measurement Units** and finally **Hands on Training**.

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: 27 (twenty seven) participants enrolled for the course and successfully completed the same

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. **Some of the certified students are working with mobile repair shop at Sengaoon and working to resolve the handset component issues.**


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



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

Assistant Professor and Head

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Mobile: +91-07775058884/09096655278

Dr. Nikhilesh S. Bajaj

Assistant Professor

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List of students enrolled for Physics Certificate Course

entitled

Electronic Component Identification & Operation

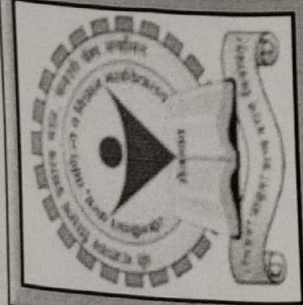
conducted during

AY 2017-18

Sr. No.	Name	Contact Number	Email ID
1.	Pandhare Pandurang	8379833582	plpandhare97@gmail.com
2.	Giri Hanuman	9503704110	hanumanvgiri@gmail.com
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4.	Kolhal Vivekanand	9766630922	vkpatil4882@gmail.com
5.	Pandhare Renuka	7057631388	
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7.	Rodge Aniket	8888302156	dnyanba199@gmail.com
8.	Thoke Sachin	7038887066	thokesachin145@gmail.com
9.	Waghmare Harshvardhan	8308732529	waghmareharsha@gmail.com
10.	Raut Vaibhav	9881887264	vrout4045@gmail.com
11.	Awachar Gopal	8530585601	
12.	Kanhed Surbhi	9763281937	
13.	Shinde Vishal	9637311022	vnshinde77a@gmail.com
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24.	Hodbe Umesh	8379810341	hodbeumesh@gmail.com
25.	Paikrao Anil	9146603248	
26.	Thoke Dipak	7218721570	dipakthoke5@gmail.com
27.	Puri Priyanka	8390918560	

Head,
Head,

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



CERTIFICATE

Shri Gajanan Shikshan Prasarak Mandal's
(Reaccredited by NAAC with grade 'B')

Linguistic (Marwadi) Minority Institute

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

2017-18

Dr. Rajesh A. Joshi
Head Department of Physics

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

Principal

हजेरी पुस्तिका

महिना 20/7/18 २०

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