

**M.S.P Arts, Science & K.P.T Commerce College Manora
Dist. Washim**

One Day workshop
On

“Designing of Electronic Instruments”

06th January -2018

Organized by
Department of Physics



Speakers

Dr. P. A. Nagpure
(Assistant professor)

Shri. Shivaji Science College, Amravati

Prof. S. R. Jaiswal
(Assistant professor)

RLT College, Akola

Organizing Secretary

Dr. K. A. Koparkar
Head, Department of Physics

Convener

Dr. N. S. Thakare
(Principal)

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A brief Report on

University Level One Day Workshop
On
“Designing of Electronic Instruments”

06th January – 2018

Introduction:

Department of Physics started *to taking electronic experiments on bread board* for the under graduate students. The student were arising a lot of problem to make circuit (eg. Selection of component values and particular number of ic and transistor). The main objective to took workshop and presentations to allow all participants to enter into practical discussion and learn to design electronic circuits. There were inputs from key speakers who provided insights into the aspects responsible for developing and enhancing quality in education. The workshop was a key activity for the college that aims to empower learning, develops skills and support opportunities for all within the society. Feedback from the workshop was very positive, participants saw great value in working with updated innovative scholars from various colleges, the opportunity to network and to learn from one another and the chance to explore ideas. This report provides background of the workshop, information, objectives, a summary of the presentations and discussions for the next step.

Background:

The **Designing of Electronic Instruments** workshop was convened to bring together SGBA University Amravati Physics Teachers & experts from the academic institutions & students to address important issues which are responsible for the selection of proper component in circuit and how to design a circuit. In the beginning of the academic session, Department of Physics decided to will taking workshop on Designing of Electronic Instruments and it was included in academic calendar of the institution. The convener of the Workshop Principal Dr. N. S. Thakare & Organizing secretary & head Department of Physics Dr. K. A. Koparkar took initiative to undertake this workshop. The initiative represents collective venture of the Workshop committee, teaching and non teaching staff and students.

Objective:

The main objective of the workshop was to develop awareness and importance of electronic circuits in modern electronic technology. Also students are focused on the role of higher education of electronic institutions.

A Summary of the Presentations

The one day University level workshop held in the college on 06th January 2018 was hosted by Department of Physics of M.S.P Arts, Science & K.P.T Commerce College Manora Washim self financed and sponsored. The workshop ran over whole day and consisted of two technical sessions out of opening and closing sessions. The event being mostly brainstorming, each technical session had just one presentation and then a discussion about the topic.

Inaugural Programme:

Department of Physics organized the University Level One Day Workshop. Principal, Dr. N. S. Thakare & head, Department of Physics Dr. K. A. Koparkar gave invitation to the students participant from different colleges of Amravati University for this Workshop. Dr. P. N. Nagpure and Prof. S. R. Jaiswal was Chief Guest for inaugural program, Dr. P. A. Nagpure (Assistant Professor) of Shri. Shivaji Science College Amravati invited as a Key note Speaker he gave knowledgeable speech in the field of Electronic circuits & students motivated towards Make Electronic Instruments. Prof. S.R. Jaiswal (Assistant Professor) of RLT Science college, Akola invited as a Key note Speaker he gave speech on how to make and how to select electronic components. Dr. K.A. Koparkar Organizing Secretary & Head Department of Physics gave the information of Schedule of Workshop and introductory speech of the programme. Dr. S.V. Keshawani Head Department of Zoology gave the introduction of Speakers. Principal, Dr. N. S. Thakare Convener of the Workshop gave the presidential speech and Prof. M.C. Dhabe end the inaugural program by vote of thanks.



Workshop inaugurated by the Guest Dr. P.A. Nagpure, Dr. S.R. Jaiswal & Dr. N. S. Thakare



Dignitaries present on Inaugural Function, in the middle Dr. N. S. Thakare (President), right to Dr. P.A. Nagpure, left to him Dr. S.R. Jaiswal left to Dr. S.R. Jaiswal Coordinator Dr. K.A. Koparkar and right to Dr. P.A. Nagpure is Dr. M. N. Iqbal (HOD Botany) and on mic Dr. S.V. Keshwani.



Dr. P.A. Nagpure delivered key note speech



Dr. N. S. Thakare Principal & convener, delivered Presidential speech



The other eminent personalities like Prof. Sopan. D. Ingole Department of Chemistry, Dr. Sakhare. Prof. A.Y. Ali, Dr. A. Nile, besides there are about large number of various college students and research Students participants took knowledge in workshop.

Technical Session I:



Dr. P.A. Nagpure delivering the lecture in I -Technical session

Technical session II

After the lunch. This session was chaired by Dr. S.P. Deshmukh & Keynote speaker Prof. S.R. Jaiswal, Associate Professor Shri. Shivaji Science College, Akola presented a nice information Demo of electronic circuit. He gave a demo of 5 experiments.



Prof. S.R. Jaiswal delivering the lecture and demo to students in II -Technical session



Dr. M.N. Iqbal proposed a vote of thanks for entire workshop.

The workshop was attended by 77 participants including research scholars, teachers and large number of students. Participants expressed happiness about the educative sessions and fine arrangements of the workshop. Feedback forms were collected from participants of the workshop. Participation certificates were issued to all the speakers and delegates of the workshop and the workshop came to conclusion at 4.00 PM.

Dr. M.N. Ikbal, Head of Botany execute the valedictory program of the workshop and Vote of thanks. Swati kukade CHB teacher of physics department exhibit the review of the participants. There were 77 participants including the parent college in this workshop. In the end of this Workshop Dr. N. S. Thakare, convener & Chairperson declared the Workshop grand successfully organized by the Department of Physics and congratulate to all the participants budding Scientists & purposed vote of thank to the Guest and participants on behalf of college & declared workshop over.

Feedback and Recommendations

Feed Back from Participants, Research scholar and Teachers:

1. Material provided in Workshop?

Sr. No.	Scale	Total	Remarks	Percentage
01	Good	30	5	16.66%
02	Very Good	30	18	60%
03	Excellent	30	7	23.33%

2. Quality of Tea/Lunch?

Sr. No.	Scale	Total	Remarks	Percentage
01	Good	80	7	8.7%
02	Very Good	80	52	65.00%
03	Excellent	80	21	26.25%

3. Key note speech.

Sr. No.	Scale	Total	Remarks	Percentage
01	Good	86	18	20.93%
02	Very Good	86	62	72.09%
03	Excellent	86	18	20.93%

4. Guest speech.

Sr. No.	Scale	Total	Remarks	Percentage
01	Good	86	18	20.93%
02	Very Good	86	62	72.09%
03	Excellent	86	18	20.93%

5. Arrangement of LCD.

Sr. No.	Scale	Total	Remarks	Percentage
01	Good	86	10	11.62%
02	Very Good	86	52	60.46%
03	Excellent	86	24	27.90%

6. About College.

01. Workshop arranged by college was more knowledgeable.
02. There is various circuit calculations information gain from this workshop.
03. All facilities provided by college are good and satisfactory.
04. All facilities are provided was good.
05. There are various facilities are available in college, this workshop is good for every one for increasing knowledge.
06. Graceful.
07. Good & nice college in the region.
08. Graceful and good.
09. Excellent location and moderate facilities provided good workshop theme.
10. College organized a very useful workshop for society.
11. Nice arrangement of workshop.
12. Excellent and nice arrangement of the workshop.
13. College having very good facilities & well equipped workshop hall.

Date: 15/01/2018

Submitted by
[Dr. K.A. Koparkar]
Head,
Department of Physics

Encl:

1. List of the Participants
2. Workshop Schedule
4. Feedback Form


Principal
M. S. P. Arts, Sci. & K. P. T. Comm.
College, Monora Dist. Washim