

A Report

on

Capacity Building Workshop on Virtual Open Schooling



11-13 February 2013

Venue:

IUC Multimedia Lab, IGNOU,
Maidan Garhi, New Delhi 110068



Organized by
National Institute of Open Schooling (NIOS), Noida
&
**Commonwealth Educational Media Centre for Asia,
(CEMCA), New Delhi**



Introduction

The Commonwealth Educational Media Centre for Asia (CEMCA) National Institute of open Schooling (NIOS) signed a MoU with an objective to collaborate and cooperate in undertaking activities for developing and promoting Virtual Open Schooling in India; development of technical and vocational skills; and to use the production of educational media in open schooling, including use of Open Educational Resources. In furtherance of the decision taken in the national Consultative Workshop on Virtual Open Schooling in India held on 16th October, 2012, and as recommended in the feasibility report for staff development and sensitization, a three-day Technical Workshop for Virtual Open Schooling was organized by NIOS with support of CEMCA at ICU – TEFED Multimedia Lab, IGNOU, New Delhi on 11 – 13 February 2013. The workshop was attended by the representatives of SOS (Karnataka, Rajasthan, Assam, Gujarat, Jammu & Kashmir, Tamil Nadu Kerala), along with the staff of NIOS.

Objectives of the Workshop

- (i) To provide technical knowledge and skill to use online technologies.
- (ii) To provide an overview of Virtual Open Schooling.
- (iii) To provide an overview of Learning Management System.
- (iv) To provide the technical experience of MediaWiki for development of open courses.
- (v) To provide the technical hands on experience of Moodle Learning Management System for offer of online courses.

Inaugural Session

The workshop began with presenting bouquets to the dignitaries and a welcome address by Dr. Sanyam Bhardwaj, Director (SSS), NIOS. He said that Open and Distance Learning System in a better manner could be reached effectively to a large number of students through the Virtual Mode.





Dr. Sanjaya Mishra, Director, CEMCA in his introductory remarks expressed that Virtual Open Schooling is a new concept in India, while in countries like South Korea, South Africa, Australia, Canada and USA this concept is already in existence and used effectively. Although in India, the online admission process and Moodle are being used there is further scope to plan and take this concept to the next level. He added that in Virtual Open Schooling, the students

could be able to do everything online. In order to take this concept further he thrust upon the need to provide skill training to the staff of NIOS and State Open Schools (SOS). He also informed that to understand the potential of Open Educational Resources and Open Learning, the present technical workshop will cover two aspects viz. creation of open courses using MediaWiki and development of didactic courses using Moodle Learning Management System.

Dr. S.S.Jena, Chairman, NIOS in his speech, after thanking V.C., IGNOU, stated that in Virtual Open Schooling everything should be virtual. Technology is moving fast and new generation is moving with the times using online system more. So the vision of this Virtual Open Schooling workshop is to develop practical skills of using information and communication technologies (ICTs) for offering courses to be taken by students anywhere, anytime. He informed that more than 100 million students of 13 – 18 years of age group are eligible for Secondary Education and for achieving the target set by RMSA (Rashtriya Madhyamik Shiksha Abhiyan) to reach 100% Gross Enrolment Ratio, the Planning Commission, CBSE and Government of India has seen the potential of



Open and Distance Learning system to develop technical skills among the staff of SOS and NIOS. He further informed that NIOS may start 3 courses particularly on vocational education stream from July this year namely ICT, Hospitality, Tour & Travels, and Rural Technology.

Ms. Madhu Parihar, Director, IUC-TEFED, IGNOU highlighted the innovation in the form of Multimedia Lab of IGNOU, and emphasized

that technical workshops should also focus on the design issues related to online courses. It was followed by the introduction of participants. Thereafter Dr. S.S.Jena and Dr. Sanjaya Mishra released the Feasibility Report on Virtual Open Schooling in India prepared by Dr. Ramesh C. Sharma.

Day 1: 11th February, 2013

Session - I

Dr. Ramesh Sharma, Deputy Director (Defense unit), IGNOU served as resources person and presented an overview of Virtual Open Schooling. He deliberated upon the relevance of Virtual Open Schooling as it has the benefits of personalized, tailored content, flexibility, lower costs and access to high quality education using a range of devices providing access to online courses He added that



Virtual Open Schooling is most suitable for mass education, while providing the opportunity of personalization. Dr. Sharma highlighted working model of virtual schools all over the globe, particularly on the African Virtual School, Korean Air and Correspondence High School, Turkey High School, Grampian Virtual School, Florida Virtual School, Open High School of Utah and Virtual school British Columbia. He illustrated practices of different technologies like Course Management System; cloud computing, Massive Open Online Courses (MOOC), Open Educational Resources (OER) in Virtual Open Schooling. Dr. Sharma also discussed about some major organizations, companies and industries offering OERs. He explained briefly structural model and management of virtual open schooling.

He outlined the features of Virtual Open Schooling as individualized, innovative technology, tailor made flexible curriculum, free or chargeable fee structure and variety of content material. Virtual Open Schooling can be managed through state, college/university, consortium model; local education body, NGO or private body was discussed in this session.

Session – II



Dr. Sanjaya Mishra, Director, CEMCA presented the concept and practices of “Open Educational Resources”. He also referred to the definition of Open Educational Resources adopted by UNESCO. In this session, history & development of Open Educational Resources and meaning of “open” in Open Educational Resources was also discussed. He presented briefly the benefits of Open Educational Resources as:

- Promotes lifelong learning
- Contributes to social inclusion, gender equity and education for the special needs
- Improves cost efficiency and quality of teaching and learning

Dr. Mishra cited three case studies for Open Educational Resources use. In his presentation, Dr. Mishra focused on the role of Wiki in course development. Advantages of Wiki based Open Educational Resources were also discussed. Dr. Mishra also highlighted the myths about Wiki and while discussing about the licensing policies, he also cited the license policy adopted by National Programme on Technology Enhanced Learning (NPTEL). Major issues about licensing policy was also discussed and debated thoroughly among participants on Creative Commons licenses.

Session – III & IV

Second session started with the presentation by Dr. Pankaj Khare, Registrar (SRD), IGNOU on “Introduction to Wiki”. He described Wiki as a database of files/pages that supports hyperlinks, has simple text syntax for creating new pages, allows cross links between internal pages and is a group communication mechanism which allows contributions to be edited.

An individualized hand on experience



was also given to the participants using Open Educational Resources link on NIOS MediaWiki platform by creating account and user page.

He also reminded that Wiki uses PHP extension and codes are case sensitive. Basic text editing on Wiki platform of NIOS was practiced by each and every participant included editing like breaking spaces, Bold, Adding colors, Modifying Font size, Aligning the text, Make Text move, Bullets text, Numbered list and Setting Indent.

Day 2: 12th February, 2013

Session – I & II



The experts during this technical session were Dr. Pankaj Khare, Registrar (SRD), IGNOU and Ms. G. Mythili, Analyst (STRIDE), IGNOU. In furtherance of the Day – 1 practice of Media Wiki platform of NIOS, Dr. Pankaj Khare conducted the technical session on designing Wiki content using Templates. He also displayed the process of inserting Images, modifying Images and preparing Tables. Syntaxes used for Media Wiki were also given

to the participants in printed form. Participants used specific templates for the practice purpose in this technical session.

Session – III & IV

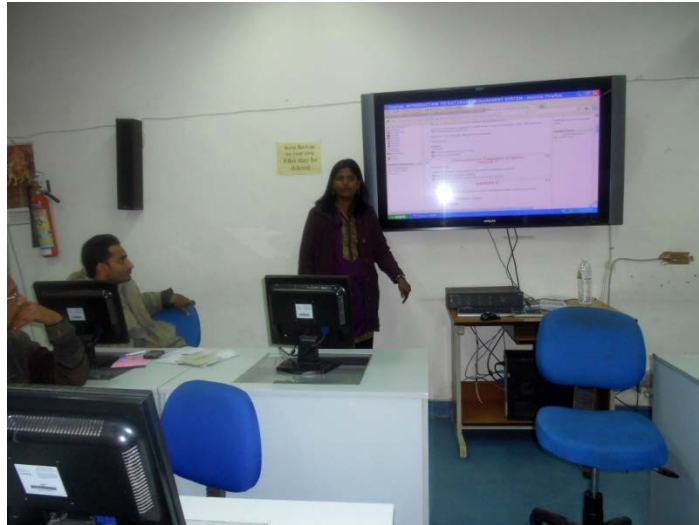
Post lunch session of Day – 2 was started with the presentation by Dr. Ramesh Sharma on “Overview of Learning Management System: Moodle”. In this presentation, he initiated with the discussion on e-learning. While discussing on e-learning, Dr. Ramesh Sharma highlighted the revolution in the field of technology and the transformation of Web 1.0 to Web 2.0 in which one can contribute to it also and is beyond the static pages of earlier Web sites.

Thereafter he demonstrated Moodle LMS which stands for Modular, Object, Oriented, and Dynamic Learning Environment (MOODLE). Some theoretical explanation was also given on the installation of MOODLE which needs a Server to run.

Day 3: 13th February, 2013

Session – I & II

These technical sessions were facilitated by Dr. Ramesh Sharma and Ms. G. Mythili and covered creation of assessments, discussion forum and social media in Learning Management System (LMS), followed by practical hands on work by the participants. Participants were also provided with the practical knowledge about the following:



- Creation of Quizzes on MOODLE
- Inserting World Clock
- Inserting Images & Video
- Recent Activity Block
- Choice
- Creation of Assignments

Interactive & Presentation Session

In this session, the participants presented their work during the workshop to showcase their learning covering the following:

<p>Media Wiki</p> <ul style="list-style-type: none"> ✓ Basic Editing ✓ Internal & external Links ✓ Image and Video Updating ✓ Quiz ✓ Table ✓ Template 	<p>Muktavidya MOODLE</p> <ul style="list-style-type: none"> ✓ User creation ✓ Course creation ✓ Week/Topic ✓ Image & Video updating ✓ Quiz ✓ Discussion forum ✓ Choice ✓ Clock, Calendar ✓ News forum
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Feedback from the Participants:

Workshop evaluation Questionnaire was given to the participants for further suggestions and comments.

The following are some of the comments of the participants:

- “We got to know about the basic skills needed for MediaWiki & MOODLE”.
- “We got to know about the Open Educational Resources which can be helpful in the courses like “Rural Technology”.
- “Handy list for Wiki Educator syntaxes should be given in a more detailed manner.”
- “In the beginning it seemed to be little difficult and little faster but later on it was realized that practicing is all that is required for better understanding”.
- “Every participant’s query was got responded. But it is suggestive that feedback and course training could also be given online”.
- “This 3 – day workshop has been very effective as it gave us a very good explanation about MOODLE & MediaWiki. All our misconceptions have been clarified.”

Participants agreed that there is a real value and excitement in this workshop and proposed that this type of workshops should be repeated. Detailed report on the feedback from the participants are in the Workshop Evaluation Section.

Valedictory Function

In furtherance of the objectives of this workshop, Dr.Sanjaya Mishra anticipated next workshop about the Instructional Design of Learning Management System.

In the concluding address, Dr. Sanyam Bhardwaj thanked Dr. San jaya Mishra, Ms. Madhu Parhar, Mr. R.Thyagarajan, Dr. Ramesh Sharma, Dr. Pankaj Khare, Ms. G. Mythili, and all the participants for successful completion of the workshop. The participants were given Certificate of Participation by Dr. Sanjaya Mishra.



Mr. R. Thyagarajan, Head, Administration & Finance, CEMCA, thanked the organizers as well as participants for making the workshop a success and suggested that we should carry out our own part for the development of society and how the skills gained could be utilized. So according to him the workshop should be a beginning not the end.

Workshop Evaluation

Table 1: Overall reaction to the workshop

Particulars	No. of participants	Percentage
Very Good	7	32%
Good	15	68%
Fair	0	0%
Poor	0	0%
Very Poor	0	0%
Total	22	100%

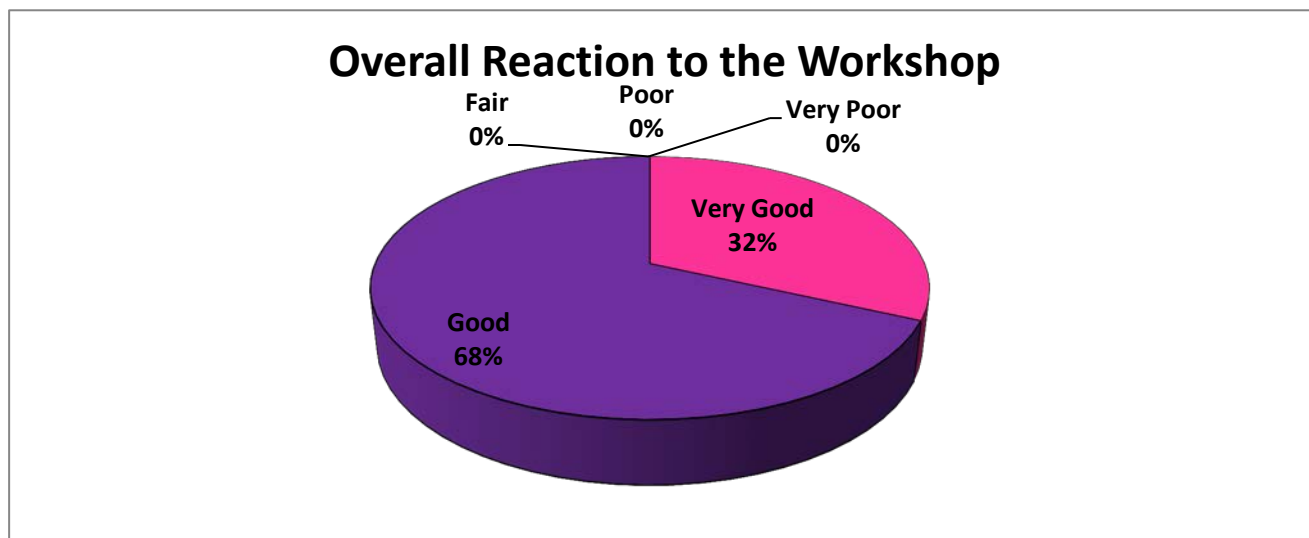


Fig. 1: Overall reaction to the workshop

The above table shows that 32% of the participants said that their overall reaction to the workshop is “very good”, while 68% participant’s overall reaction is “good”. None of the participants had “fair”, “poor” and “very poor” reaction for the present workshop.

Table 2: Expectations from the workshop

Particulars	No. of Participants	Percentage
To a large extent	13	59%
Up to a certain extent	9	41%
Poor	0	0%
Not at all	0	0%
Total	22	100%

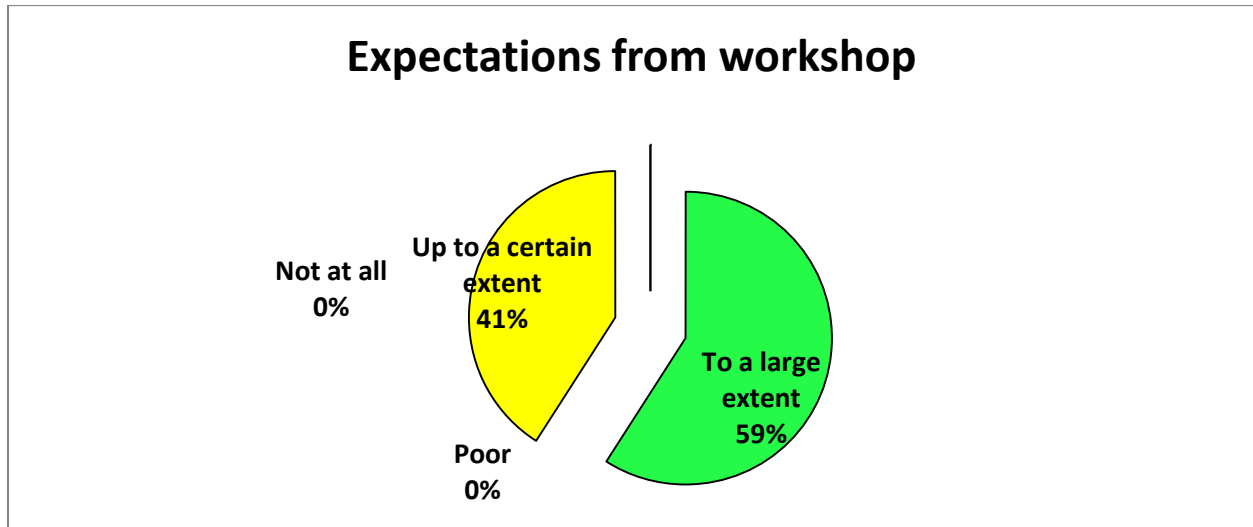


Fig. 2: Expectations from workshop

Table 2 depicts that 59% of participants’ expectations met “up to a large extent” while 41% of the participants said that the workshop met their expectations “up to a certain extent”. None of the participants rated their expectations met from workshop as “poor” and “not at all”.

Table 3: Duration of the workshop

Particulars	No. of participants	Percentage
Too long	0	0%
Sufficient	17	77%
Too short	5	23%
Total	22	100%

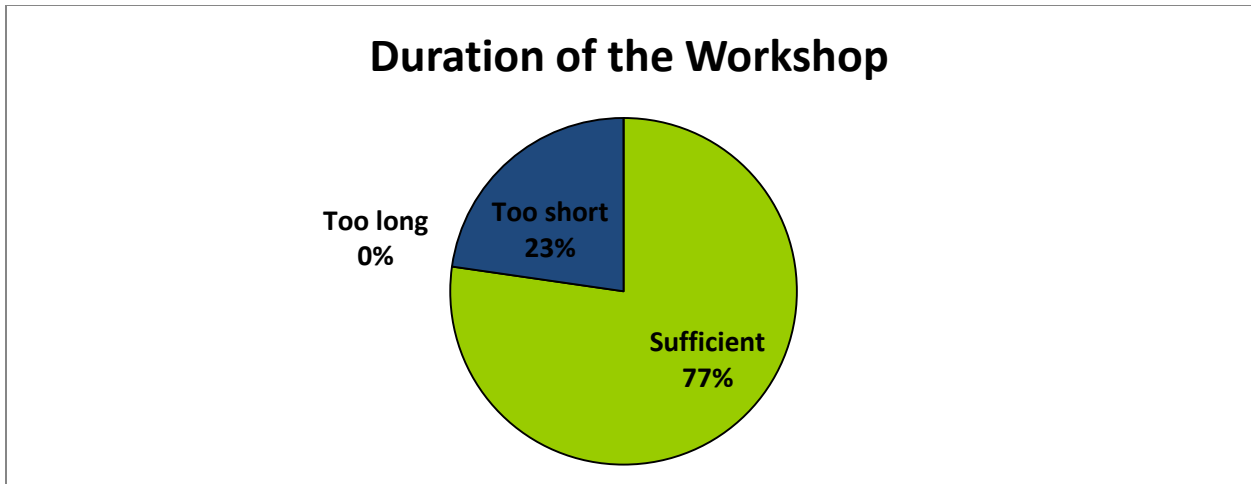


Fig 3: Duration of the workshop

77% of the participants find the duration of the workshop to be “sufficient” while 23% participants found it “too short”. None of the participants find the duration as “too long” for the workshop.

Table 4: Logical sequencing of the workshop

Particulars	No. of participants	Percentage
Very useful	13	59%
Somewhat useful	9	41%
Not very useful	0	0%
Not at all useful	0	0%
Total	22	100%

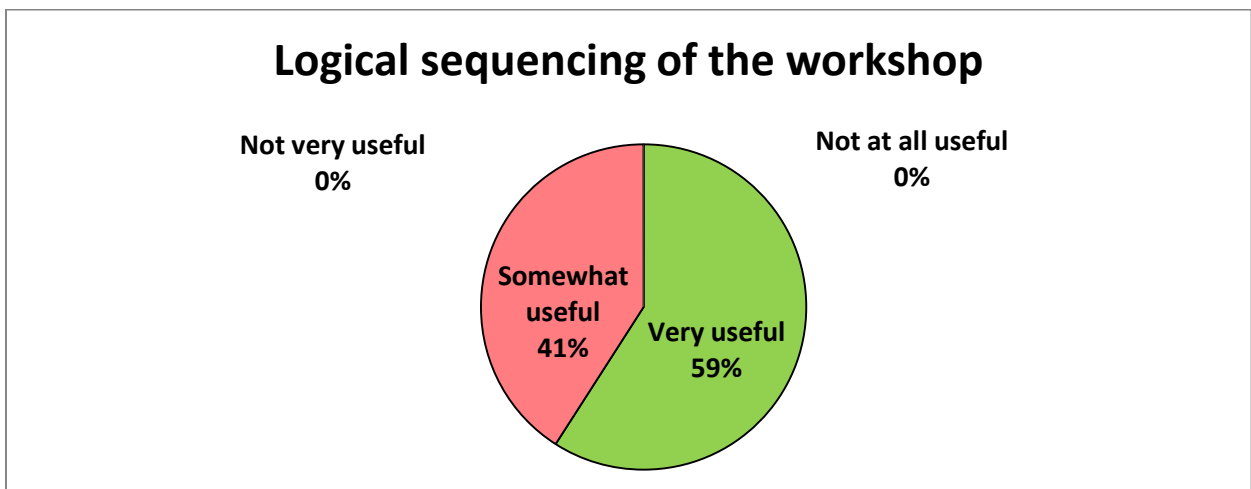


Fig 4: Logical sequencing of the workshop

59% of the participants found the logical sequencing of the workshop to be “very useful” to them, while 41% find it “somewhat useful”. 0% found it “not very useful” and “not at all useful” to them.

Table 5: Overall Organizational Arrangements

Particulars	No. of participants	Percentage
Very Good	6	29%
Good	13	62%
Fair	2	9%
Poor	0	0%
Very Poor	0	0%
Total	22	100%

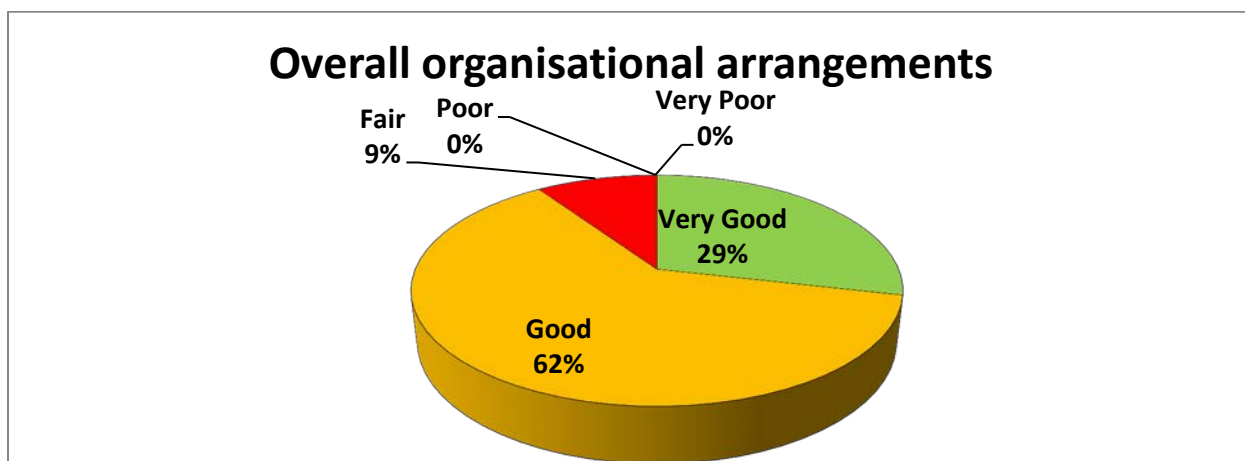


Fig 5: Overall organizational arrangements

As revealed in the table 5, 29% participants of the Virtual Open Schooling workshop rated overall organizational arrangements as “very good”; 62% as “good” and remaining 9% as “fair”. None of the participants rated the overall organization and arrangements as “poor” and “very poor”.

Table 6: Number of trainers involved

Particulars	No. of participants	Percentage
Too many	0	0%
Just Right	21	95%
Too few	1	5%
Total	22	100%

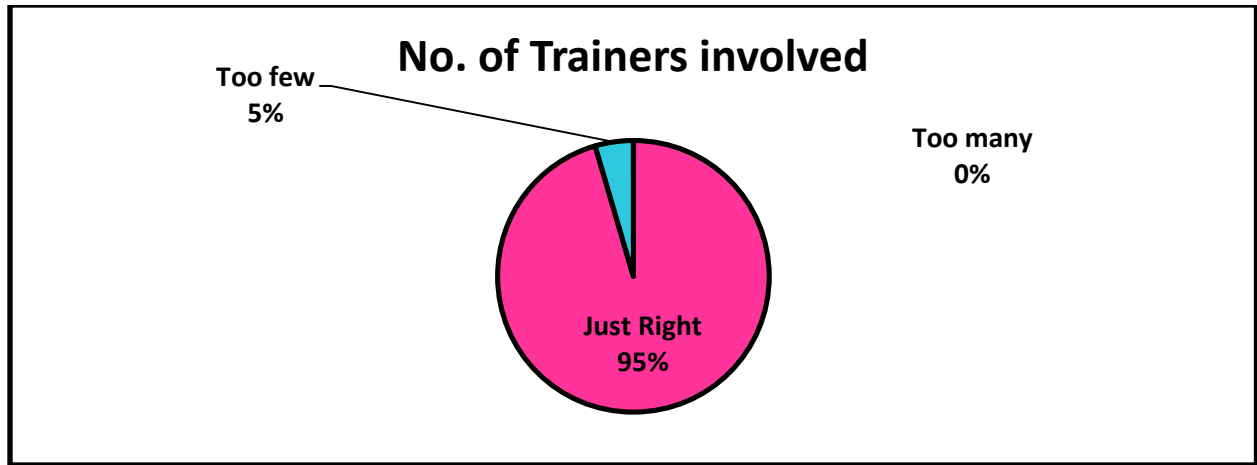


Fig 6: Number of trainers involved

Table 7.1: Knowledge of the subject matter

Particulars	No. of participants	Percentage
Very effective	15	68%
Somewhat effective	7	32%
Somewhat not effective	0	0%
Not effective	0	0%
Total	22	100%

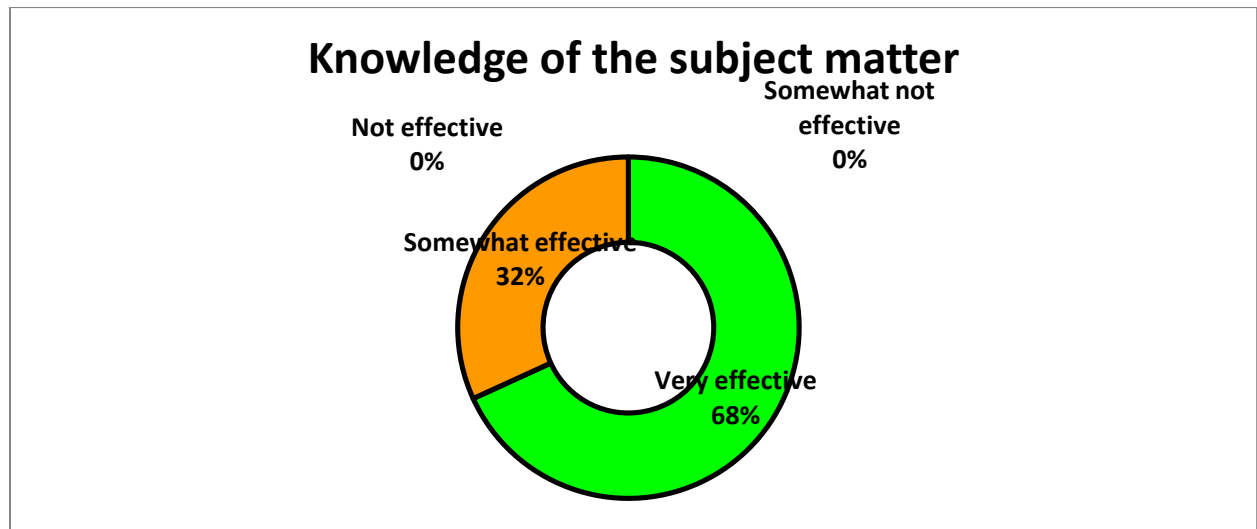


Fig 7.1: Knowledge of the subject matter

Table 7.1 reveals that the knowledge of the subject matter i.e MediaWiki and MOODLE provided by the trainers/resource persons was found out to be “very effective” 68% of participants. 32% participants found the knowledge of the subject matter provided by the

trainers to be “somewhat effective”. None of the participants found the knowledge provided by trainers by the trainers as “somewhat not effective” and “not effective”.

Table 7.2: Organization and subject matter

Particulars	No. of participants	Percentage
Very effective	14	64%
Somewhat effective	8	36%
Somewhat not effective	0	0%
Not effective	0	0%
Total	22	100%

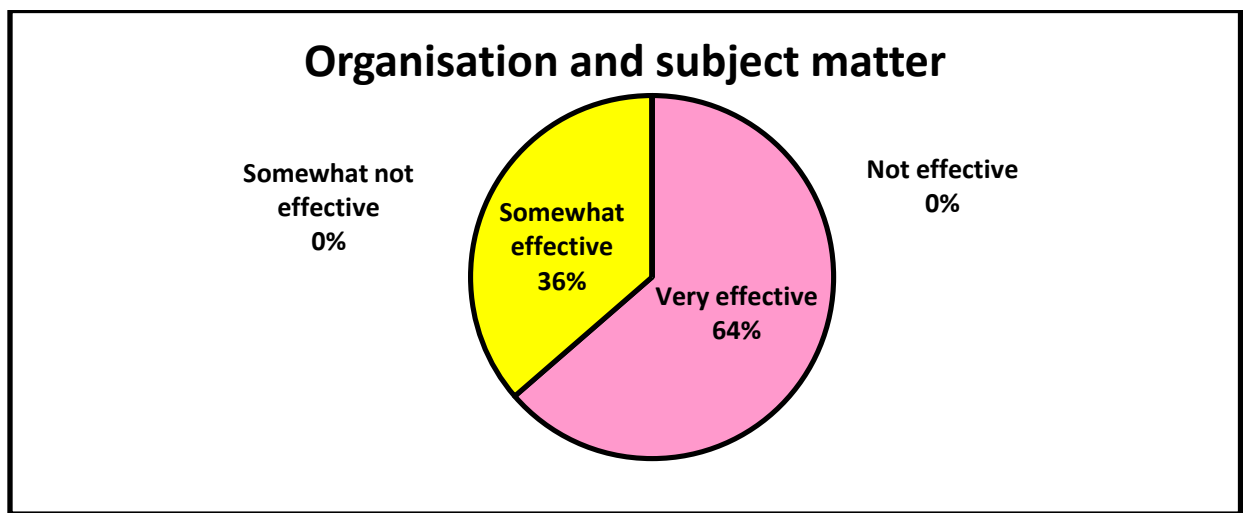


Fig 7.2: Organization and subject matter

Table 7.2 reveals that 64% of the participants found organization subject matter of the workshop as “very effective” while 36% found it as “somewhat effective”. None of the participants found the organization and subject matter as “somewhat not effective” and “not effective”.

Table 7.3: Style and Delivery

Particulars	No. of participants	Percentage
Very effective	13	59%
Somewhat effective	9	41%
Somewhat not effective	0	0%
Not effective	0	0%
Total	22	100%

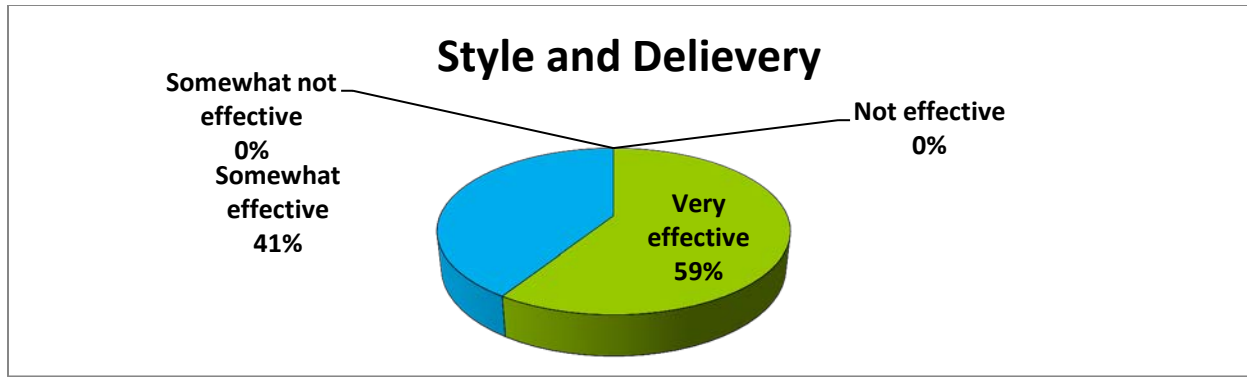


Fig 7.3: Style and Delivery

Table 7.3 shows that 59% of the participants found organization subject matter of the workshop as “very effective” while 41% found it as “somewhat effective”. None of the participants found the organization and subject matter as “somewhat not effective” and “not effective”.

Table 7.4: Responsive to participants

Particulars	No. of participants	Percentage
Very effective	12	55%
Somewhat effective	9	41%
Somewhat not effective	1	4%
Not effective	0	0%
Total	22	100%

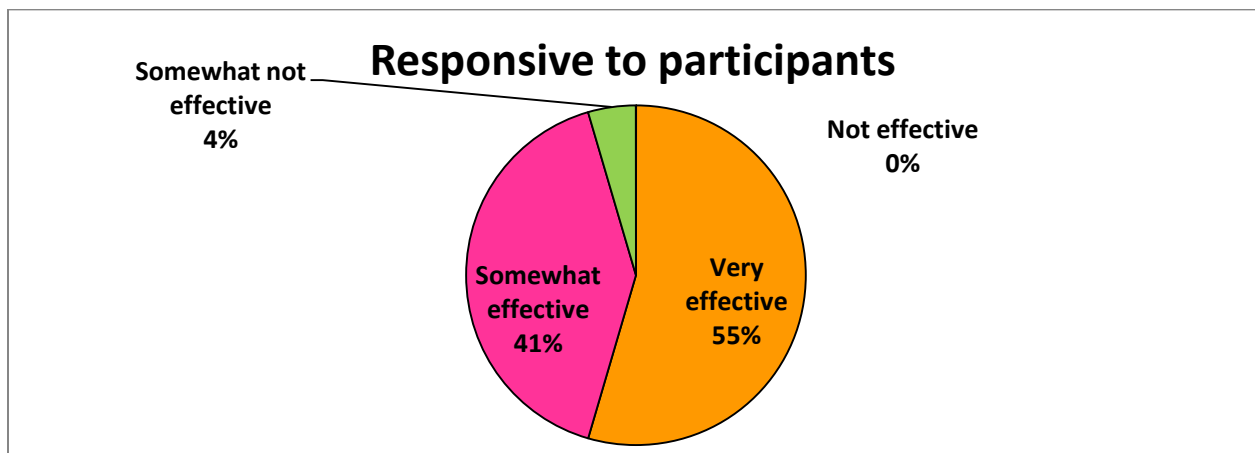


Fig 7.4: Responsive to participants

Table 7.4 shows that 55% participants rated trainers as “very effective” in context to their responsiveness to the participants while 41% participants rated it as “somewhat effective”.

Only 4% felt that trainers were “somewhat not effective” in being responsive to the participants. None of the participants found trainers to be “not effective” in this context.

Table 7.5: Creating appropriate learning environment

Particulars	No. of participants	Percentage
Very effective	14	64%
Somewhat effective	8	36%
Somewhat not effective	0	0%
Not effective	0	0%
Total	22	100%

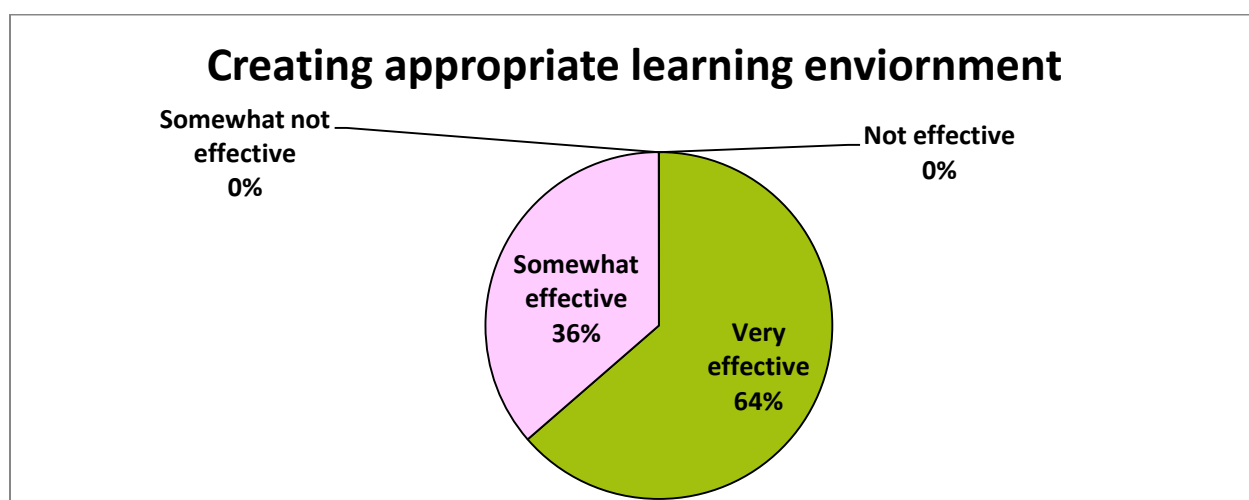


Fig. 7.5: Creating appropriate learning environment

Table 7.5 shows that 64% participants felt that workshop was “very effective” in context to creating appropriate learning environment while 36% participants found it as “somewhat effective”. None of the participants found it to be “not effective” in this context.

Table 8: Sufficiency of the training material

Particulars	No. of participants	Percentage
Sufficient	4	18%
Somewhat sufficient	10	46%
Not Sufficient	8	36%
Not at all sufficient	0	0%
Total	22	100%

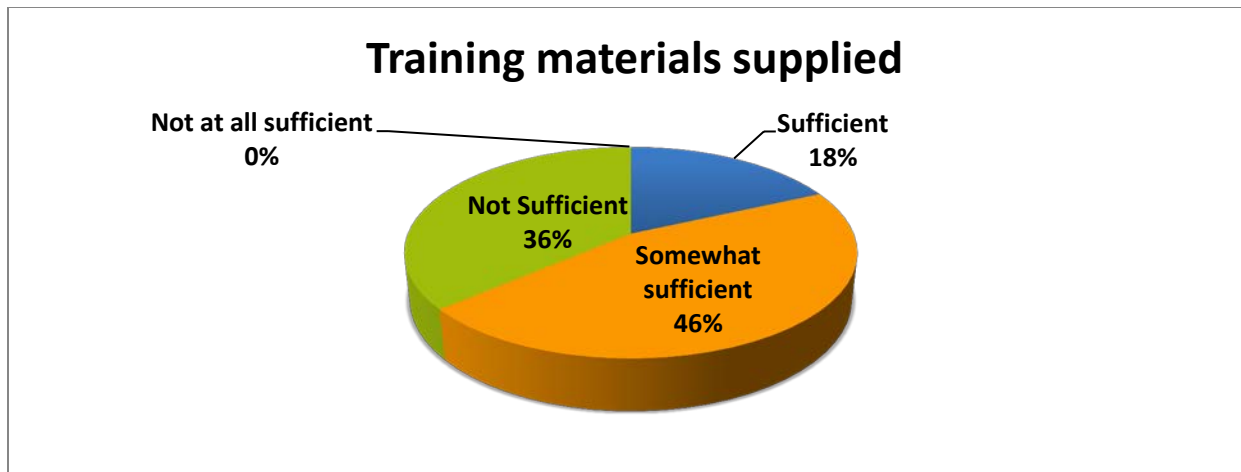


Fig 8: Training materials supplied

As shown in table 8, 18% participants found the training material supplied in the workshop as “sufficient”; 46% as “somewhat sufficient” and remaining 36% as “not sufficient”. None of them found the training material as “not at all sufficient”.

Table 9.1: Use of suitable Learning Management System

Particulars	No. of participants	Percentage
To a large extent	17	77%
Somewhat	4	18%
Poor	1	5%
Not at all	0	0%
Total	22	100%

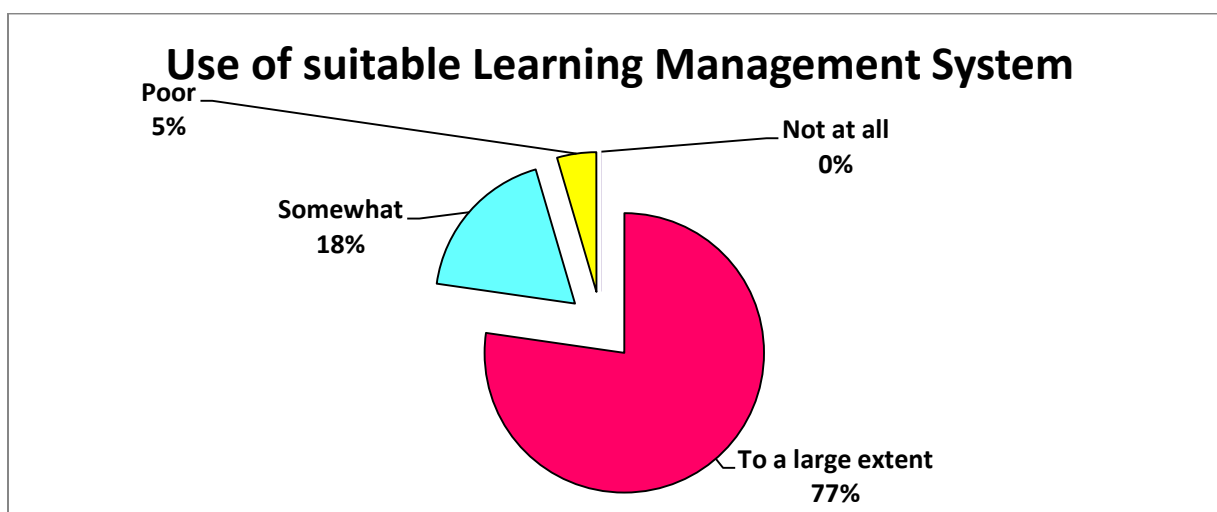


Fig 9.1: Use of suitable Learning Management System

It is worth noting that 77% participants found workshop to be useful “to a large extent” in terms of use of suitable Learning Management system while 18 % found it to be “somewhat useful”. Remaining 5% found it to be “poor” in this context which is shown in table 9.1.

Table 9.2: Creation of account and user page on MediaWiki

Particulars	No. of participants	Percentage
To a large extent	20	91%
Somewhat	2	9%
Poor	0	0%
Not at all	0	0%
Total	22	100%

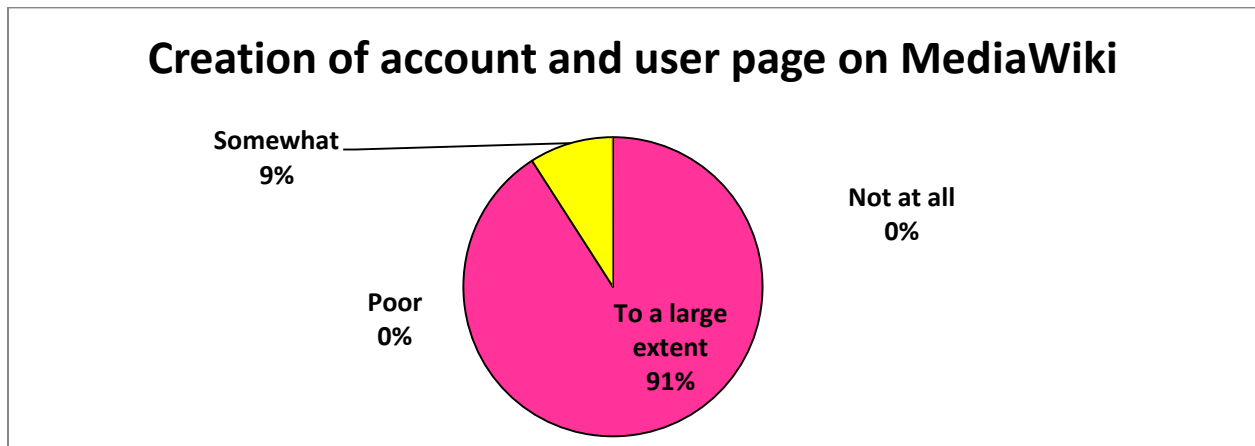


Fig 9.2: Creation of account and user page on MediaWiki

It is worth noting that 91% of participants found the workshop to be helpful “to a large extent” in creation of account and user page on MediaWiki, while remaining 9% found it “somewhat” helpful. None of the participants rated “poor” and “not at all” in this context which is shown in table 9.2 & depicted diagrammatically in Fig. 9.2.

Table 9.3: Basic Text editing on Wiki Platform

Particulars	No. of participants	Percentage
To a large extent	17	77%
Somewhat	5	23%
Poor	0	0%
Not at all	0	0%
Total	22	100%

Basic Text editing on Wiki Platform

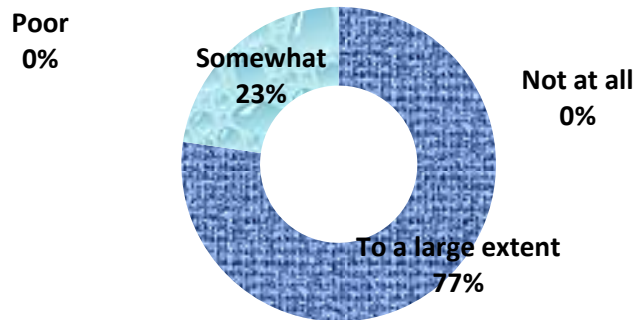


Fig. 9.3: Basic text editing on Wiki platform

As shown in Table 9.3 & Fig. 9.3, 77% of participants found the workshop to be helpful “to a large extent” in Basic text editing on Wiki platform, while remaining 23% found it “somewhat” helpful. None of the participants rated “poor” and “not at all” in this context.

Table 9.4: Designing Wiki content using Templates

Particulars	No. of participants	Percentage
To a large extent	14	64%
Somewhat	8	36%
Poor	0	0%
Not at all	0	0%
Total	22	100%

Designing Wiki content using Templates

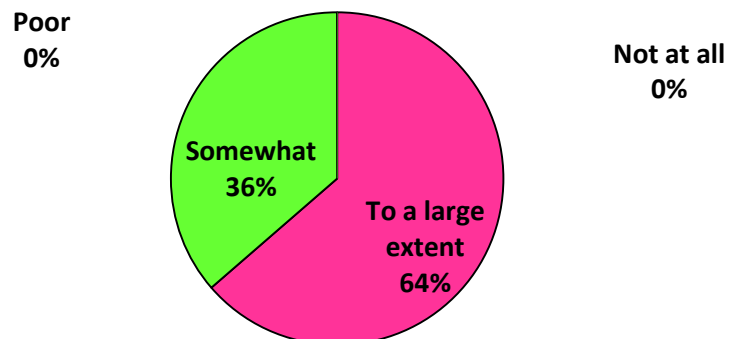


Fig. 9.4: Designing Wiki content using Templates

As shown in Table 9.4 & Fig. 9.4, 64% of participants found the workshop to be helpful “to a large extent” in Designing Wiki content using Templates, while remaining 36% found it “somewhat” helpful. None of the participants rated “poor” and “not at all” in this context.

Table 9.5: Installation and Management of Moodle site

Particulars	No. of participants	Percentage
To a large extent	13	59%
Somewhat	7	32%
Poor	2	9%
Not at all	0	0%
Total	22	100%

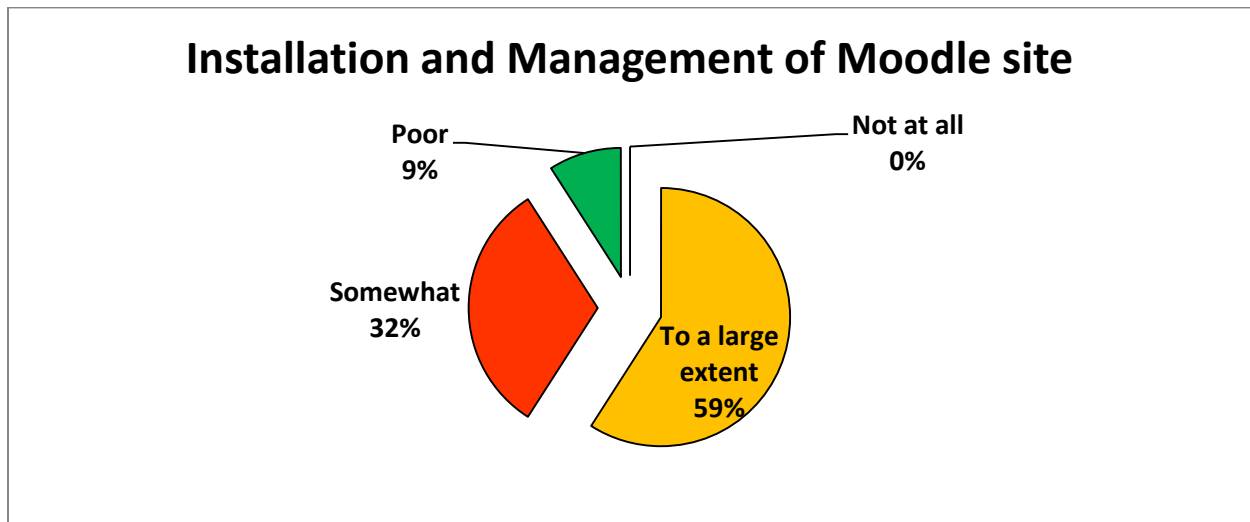


Fig. 9.5: Installation and Management of Moodle site

As revealed in Table 9.5 & Fig. 9.5, 59% of participants found the workshop to be helpful “to a large extent” in Installation and management of Moodle site, while 32% found it “somewhat” and remaining 9% rated it as “poor”. None of the participants rated “not at all” in this context.

Table 9.6: Creating and managing Assessments in Moodle

Particulars	No. of participants	Percentage
To a large extent	11	50%
Somewhat	11	50%
Poor	0	0%
Not at all	0	0%
Total	22	100%

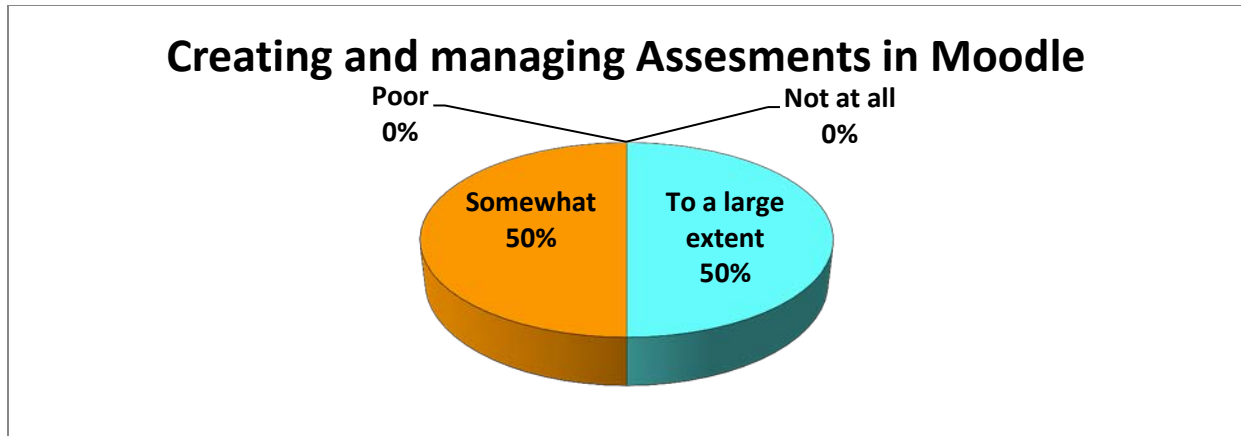


Fig. 9.6: Creating and managing Assesments in Moodle

As shown in Table 9.6 & Fig. 9.6, 50% of participants found the workshop to be helpful “to a large extent” in Creating and managing assessments in Moodle, while remaining half i.e. 50% found it “somewhat” helpful. None of the participants rated “poor” and “not at all” in this context.

Table 9.7: Discussion Forum and Social media in LMS (Learning Management System)

Particulars	No. of participants	Percentage
To a large extent	11	50%
Somewhat	11	50%
Poor	0	0%
Not at all	0	0%
Total	22	100%

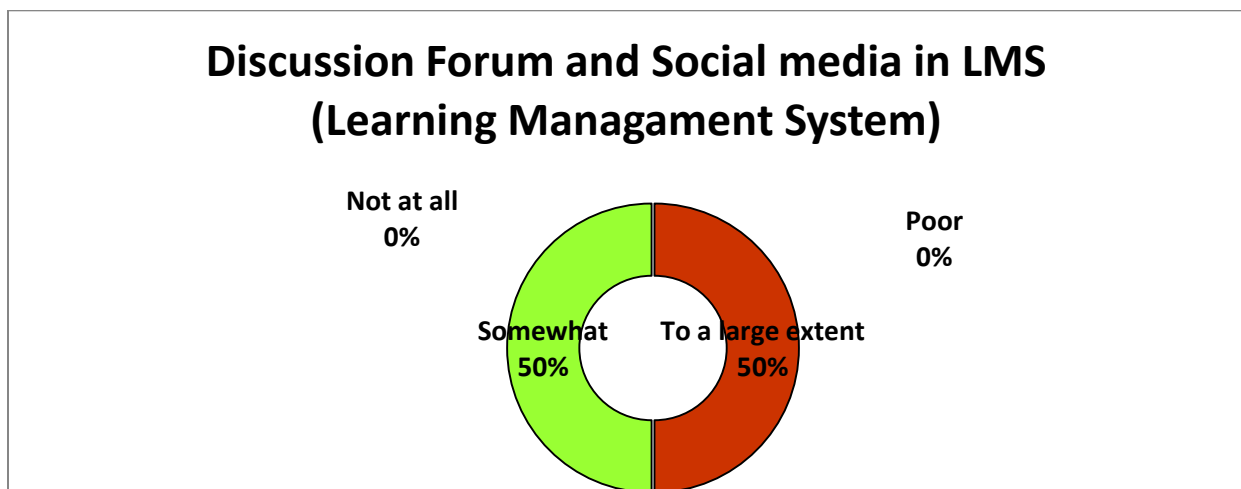


Fig. 9.7: Discussion Forum and Social media in LMS (Learning Management System)

As revealed in Table 9.7 & Fig. 9.7, 50% of participants found the workshop to be helpful “to a large extent” in Discussion Forum and Social media in LMS (Learning Management System), while remaining 50% found it “somewhat” useful. None of the participants rated “poor” and “not at all” in this context.

Table 10: Mix of theory and practical in the workshop

Particulars	No. of participants	Percentage
Too theoretical	0	0%
Good Balance	22	100%
Too practical	0	0%
Total	22	100%

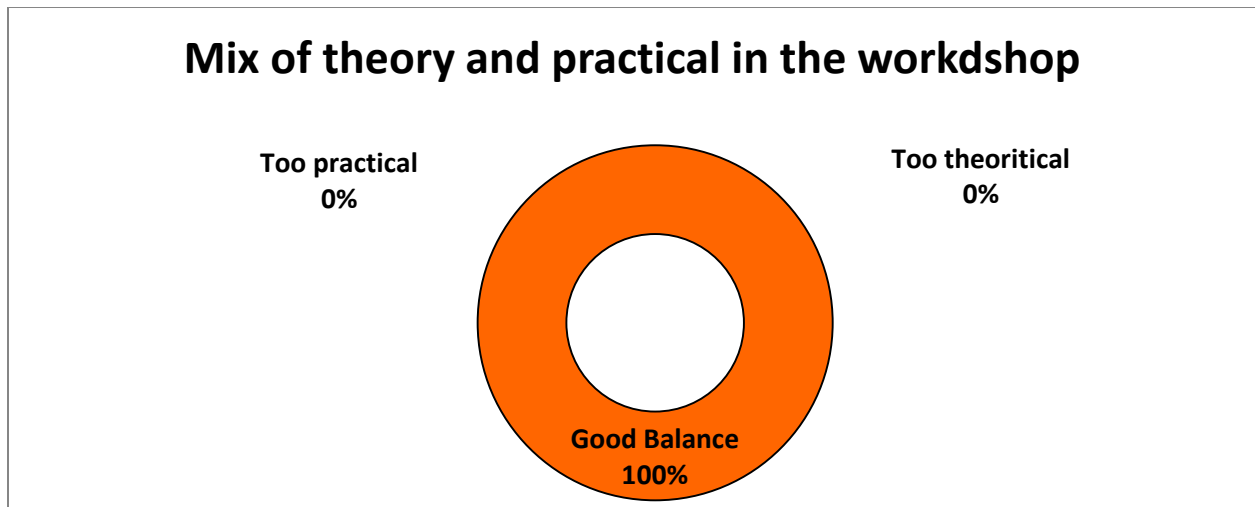


Fig. 10: Mix of theory and practical in the workshop

It is worth noting that 100% participants found “good balance” between theory and practical in the workshop. None of the participants rated as “too theoretical” and “too practical”.

Table 11: Time sufficiency for skill practice

Particulars	No. of participants	Percentage
Yes	14	64%
No	8	36%
Total	22	100%

Time sufficiency for skill practice

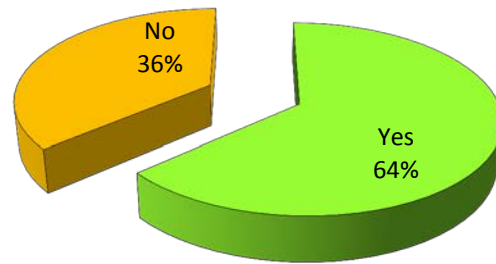


Fig. 11: Time sufficiency for skill practice

As shown in Table 11 & Fig. 11, 64% of participants found that time given for skill practice were sufficient, while remaining 36% found it insufficient for them.

Table 12: Value of the workshop to immediate/future work

Particulars	No. of participants	Percentage
Very Valuable	17	77%
Somewhat valuable	5	23%
Somewhat not valuable	0	0%
Not valuable	0	0%
Total	22	100%

Value of the workshop to immediate/future work

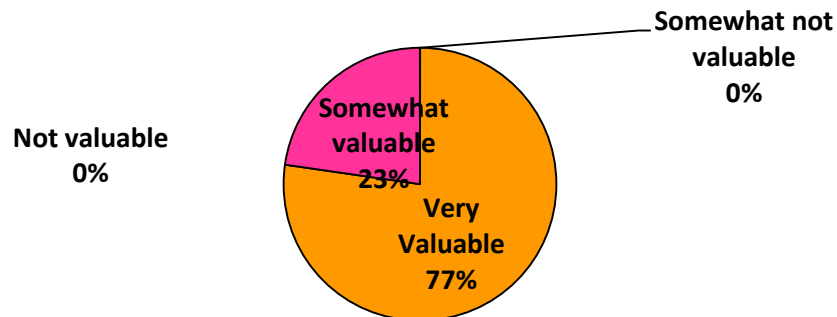


Fig. 12: Value of workshop to immediate/future work

77% of participants found the workshop to be “very valuable” for the immediate/future work, while remaining 23% found it “somewhat valuable”. None of the participants rated “somewhat not valuable” and “not valuable” in this context which is shown in table 12 and fig. 12.

Comments/suggestions

Comments/suggestions given by the participants in the workshop evaluation form were as follows:

- “The workshop is really an innovative one which helps us to explore our learning experiences in wider direction. It is really helpful”.
- “We will look forward to this kind of workshop in future too for better understanding on Virtual Open Schooling. It will be useful to create more advancement in VOS and help to improve more innovative ways of teaching and learning strategies in VOS”.
- “Practice and hands on experience”.
- “It is very useful for future Virtual Open School. Please do similar types of workshop for upgrading teaching”.
- “I thank the Facilitators for making me go from unknown to known”.
- “All the sessions were good. Working in MOODLE is easy to understand and interesting”.
- “The training materials should be provided so that we may practice the tasks, whenever required, even after a long time”.
- “Please provide training in this MOODLE and Media Wiki for SCERT people at least through Virtual Classrooms”.
- “It encourages peer learning/coaching”.
- “Very useful for targeted audience”.
- “Step by step PowerPoint presentations would have been more useful for home work (which can be made available via E-media)”.
- “Virtual Open Schooling’ workshop is very informative. It will be very valuable in future work”.
- “It was very interactive, informative and fruitful for me. I really learn a new idea about teaching methodology through virtual class”.
- “As because the majority of the training period included hands on training, this workshop was very useful. In addition, because more practice is needed, more time needs to be dedicated from getting skilled on the platforms”.
- “More exposure should be provided for generating and offering content on MOODLE and other LMS”.
- “Workshops of similar type may be continued often without much delay in order to have a nice follow up and remembering”.

- “Like me who need extra attention felt uneasy during the workshop. I lack basic training. I’ll try my best to keep pace with the training programme”.
- “The duration of the workshop should be at least one week. More frequently this type of workshop should be organized. Periodical feedback from the participants about the progress may be obtained”.

Technical Workshop for Virtual Open Schooling
Venue: IUC Multimedia Lab, IGNOU, Maidan Garhi, New Delhi 110068
11-13 February 2013

Organized by
National Institute of Open Schooling
and
Commonwealth Educational Media Centre for Asia
Workshop Schedule

Day 1: Feb 11, 2013		
10:00-10:45	Inauguration Session <ul style="list-style-type: none"> • Welcome by Dr.Sanyam Bharadwaj • Introductory Remarks by Dr.Sanjaya Mishra • Inaugural Address by Dr.S.S.Jena • Release of the VOS Feasibility Report by Dr. S.S. Jena • Vote of Thanks • Group Photo 	
10:45-11:15	Tea/Coffee Break	
11:15-12:00	Virtual Open Schooling: An overview	Facilitator: Dr.Ramesh Sharma
12:00-13:00	Open Educational Resources	Facilitator: Dr.Sanjaya Mishra
13:00-14:00	Lunch Break	
14:00-15:30	Creating Account and user page on MediaWiki Platform of NIOS	Facilitator: Dr.PankajKhare
15:30-16:00	Tea/Coffee Break	
16:00-17:30	Basic Text Editing on Wiki Platform of NIOS (user page creation to continue)	Facilitator: Dr.PankajKhare
Day 2: Feb 12, 2013		
10:00-11:15	Designing Wiki Content using templates	Facilitator: Dr.PankajKhare
11:15-11:30	Tea/Coffee Break	
11:30-13:00	Designing Wiki Content using templates (continue)	Facilitator: Dr.PankajKhare&Ms. G. Mythili
13:00-14:00	Lunch Break	
14:00-15:30	Overview of Learning Management System: Installation and Management of Moodle site	Facilitator: Dr.Ramesh Sharma
15:30-16:00	Tea/Coffee Break	
16:00-17:30	Managing a Moodle Course	Facilitator: Dr.Ramesh Sharma
Day 3: Feb 13, 2013		
10:00-11:15	Assessments in Moodle	Facilitator: Ms. G. Mythili
11:15-11:30	Tea/Coffee Break	
11:30-13:00	Discussion Forum and social media in LMS	Facilitator: Dr.Ramesh Sharma
13:00-14:00	Lunch Break	
14:00-15:30	Moodle Practical Work and Presentation by participants	Facilitator: Dr.Ramesh Sharma&Ms. G. Mythili
15:30-16:00	Tea/Coffee Break	
16:00-17:30	Valedictory Session	

Note: Each session consists of presentation by the lead facilitator, followed by practical hands on work by the participants.

List of Participants

Technical Workshop for Virtual Open Schooling <i>(A Capacity Building Workshop of the staff of National Institute of Open Schooling and State Open Schools in India to promote Virtual Open Schooling)</i> Venue: IUC Multimedia Lab, IGNOU, Maidan Garhi, New Delhi 110068 11-13 February 2013 <i>Organized by</i> National Institute of Open Schooling and Commonwealth Educational Media Centre for Asia		
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