



MADHAV INSTITUTE OF TECHNOLOGY AND SCIENCE, GWALIOR (M.P.)

(A Govt. Aided Autonomous & NAAC Accredited Institute, Affiliated to R. G. P. V. Bhopal)

WORKSHOP ON "QUESTION PAPER ANALYSIS (MID-TERM/END-TERM, ALL MODES OF EVALUATION)"

Date: 22 June 2022

organised by

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Convener

Dr. Manish Dixit
Professor & Head CSE
MITS, Gwalior

Coordinator

Dr. Ranjeet Kumar Singh
Dept. of CSE
MITS, Gwalior

No Registration Fee

Expected Participants are Faculty.

Workshop Report

Type of activity:	Workshop
Title of the activity:	One-day workshop on “Question Paper Analysis (Mid-term/end-term, all modes of evaluation)”
Number of participants:	10
Organized by:	Department of Computer Science and Engineering, MITS Gwalior
Convener:	Dr. Manish Dixit, Professor & Head
Coordinators:	Dr. Ranjeet Kumar Singh, Assistant Professor.
Brief description of the activity:	This Workshop was organised to help and understand the faculty members regarding the formulation of quality question papers which may include an appropriate proportions of HOT and LOT questions and map the questions with course outcomes.
Objectives of the activity:	<ol style="list-style-type: none">1. To review the end-term examination pattern2. To explore how to set questions of HOTs level in this pattern3. To check whether the question papers of exam June 2022 were solvable within the time limit.4. To ascertain whether all COs were mapped, full syllabus was covered.5. To classify questions on the basis of the difficulty level and other metrics as per existing previous practice of the institute.
Outcomes of the activity:	After completing the workshop, the participants are able to: <ol style="list-style-type: none">1. set the question paper with enhanced quality.2. analysed importance and process of COs mapping.3. Frame questions according to well balance amount of HOT and LOT questions.
Mode of delivery:	Offline

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Professor & HOD
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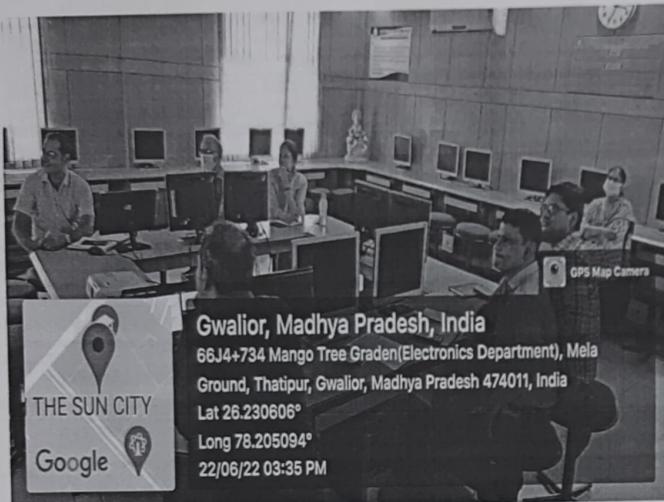
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Department of Computer Science and Engineering

Platform for conducting the activity:	Whiteboard and PPT
Description of delivered work:	<p>While analysing the question papers of different subjects for CSE Course, many interesting aspects were observed. Question paper were different in types of options too. The analysis revealed that there was a scope for improving the question papers. Following are some suggestions regarding this:</p> <ul style="list-style-type: none">• The quality of question depends on the type and different level of questions. In the aspects of questions papers analysis, it is necessary that the questions should be knowledge based. So, efforts for questions related to testing mental skills should be included. Questions such as problem solving, critical thinking, imaginative thinking, interpretative, creative thinking reasoning etc should be included more in number.• Internal options should be comparable in all aspects.• In a question paper, all types of question in MCQs, very short answer, short answer and long answer should be included. It will help a paper setter to cover the entire course content for reliable testing.• The language of questions should not be defective. It should be appropriate and according to age of students. It should clearly specify the task. The use of appropriate directional words is necessary.• General instructions are also important and are the first thing an examiner reads. So, detailed general instructions should be provided in question papers.• To classify questions on the basis of the difficulty level and other metrics (easy, moderate and difficult), approximate 30%, 40 % and 30% ratio are decided for a valuable question pattern. In this meeting we also discuss the COs and syllabus coverage.• Time constraint is the most valuable factor of question paper designing, in the meeting faculty members suggested that the question paper should be solvable with in a time limit.• There is no hard and fast rule for listing or grouping of questions. The criteria to be followed while listing is from easy to difficult questions.
Duration:	1 Hr
Date:	22.06.2022
Participants:	Faculties of CSE department.

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Some glimpses of the workshop



Dr. Marjish Dixit
Professor & HOD
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Question paper analysis for Mid Sem-I (Session Jan.-June 2022)

Name of Faculty	Subject with code	Semester	% of Theoretical & Numerical Questions*E.g. 60 & 40	% of Choice in questions*	% of Easy Questions*	% of Moderate Questions*	% of difficult Questions*	CO Coverage*
Ms.Khushboo Agrawal	Data Structure(290203)	II	70 & 30	20	20	60	20	Partially Covered
Mr. Mahesh Parmar	Object Oriented Programming & Methodology(290202)	II	90	50	40	30	30	Partially Covered
Ms. Jaimala Jha	Digital Electronics(290201)	II	0 & 100	0	60	20	20	Partially Covered
Mr. Mir Shahnaz Ahmad	Object Oriented Programming & Methodology(150212)	II	0 & 100	100	0	100	0	Fully Covered
Ms. Jaimala Jha	Software Engineering (150413)	IV	100 & 0	0	80	10	10	Partially Covered
Dr. Manish Dixit	Theory of Computation (150414)	IV	20 & 80	20	30	50	20	Partially Covered
Mr. Mir Shahnaz Ahmad	Software Engineering (150413)	IV	100 & 0	0	55	28	17	Fully Covered
Dr. Anjula Mehto	Computer Networks (150411))	IV	60%	0%	30%	50%	20%	Partially Covered
Mr. Mahesh Parmar	Compiler Design (150601)	VI	40	0	30	60	10	Partially Covered
Dr. Ranjeet Singh	Data Structure (900106))	VI	50 & 50	0	30	40	30	Partially Covered
Dr. Anjula Mehto	Mobile Computing (150613))	VI	90%	0%	25%	65%	10%	Partially Covered
Mr. Amit Manjhwar	Network & Web Security (150611))	VI	100 & 0	0	7	9	4	Partially Covered

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Dr. Ranjeet Kumar Singh	Data Structure (900106)	VI	25 & 75	0	40	30	30	Partially Covered
Dr. Kalka Dubey	(Disaster Management (100007)	VI	80 & 20	0	50	30	20	Partially Covered

Question paper analysis for End Sem (Session Jan.-June 2022)

Faculty Name	Semester	Subject Name and Code	% of Theoretical & Numerical Questions E.g. 60 & 40	% of Choice in questions	% of Easy Questions	% of Moderate Questions	% of difficult Questions	CO Coverage
Rajni Ranjan Singh	IV	Computer Networks 150411	75 & 25	25	25	50	25	All
Jaimala Jha	IV	Software engineering	30 Numerical & 70 Theoretical	nil	60	30	10	all
Dr. Ranjeet Kumar Singh	VI	Data Structure(900106)	50 & 50	25	30	30	40	Yes
Mahesh Parmar	VI	Compiler Design (150601)	65&35	20	50	30	20	all
AMIT KUMAR MANJHVAR	VI	150611	70 & 30	20	35	35	30	YES


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Question paper analysis for Mid Sem-II (Session Jan.-June 2022)

Name of Faculty	Subject Name and Code	Semester	% of Theoretical & Numerical Questions	% of Choice in questions	% of Easy Questions	% of Moderate Questions	% of difficult Questions	CO Coverage
Dr. R.K. Gupta	Database Management System (150412)	IV	50%, %0%	there were choice in 50% questions	30%	50%	20%	Partially Covered
Dr. Manish Dixit	Theory of Computation (150414)	IV	25 & 75 %	35 percent	30	50	20	Partially Covered
Dr. Rajni Ranjan Singh	Computer Networks (150411)	IV	60 & 40	20	20	40	40	Partially Covered
Mr. Mir Shahnaz Ahmad	Software Engineering (150413)	IV	71 & 29	0	50	30	20	Fully Covered
Mr. Amit Manjhwar	Network & Web Security (150611)	VI	80 & 20	20	50	20	10	Partially Covered
Mr. Mahesh Parmar	Compiler Design (150601)	VI	10 & 90	0	30	40	30	Partially Covered
Dr. Kalka Dubey	Python Programming (900107)	VI	65 & 35	20	30	40	30	Fully Covered
Dr. Anjula Mehto	Mobile Computing (150613)	VI	100 & 0	0	50	37.5	12.5	Partially Covered
Dr. Rajni Ranjan Singh	Computer Networks (150602)	VI	40 & 60	0	20	40	40	Partially Covered
Ms. Khushboo Agrawal	Computer Networks (150602)	VI	40& 60	30%	20%	65%	15%	Partially Covered

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Workshop Attendance

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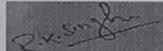
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Date: 22/06/2022

One-day workshop on "Question Paper Analysis (Mid-term/end-term, all modes of evaluation)" was held on 22/06/2022 at 3.30 pm (Venue: Programming Lab 1.) The following faculty members were present:

S.No.	Name	Department	Signature
1.	Mahesh Parmar	CSE	<i>M.P.</i>
2.	Amit K. Manghroo	CSE	<i>A.M.</i>
3.	Parul Saxena	CSE	<i>S.</i>
4.	R K Gupta	CSE	<i>R.K. 22/06/2022</i>
5.	R R Singh	CSE	<i>R.R.S.</i>
6.	Dr. Ranjeet Kumar Singh	CSE	<i>R.K.Singh</i>
7.	Mr. Shahrukh Ahmad	CSE	<i>C.S.</i>
8.	Dr. Anshu Chiturvedi	CSE	<i>A.C.</i>
9.	DR - R.S. Tadon	CSE	<i>R.S.T.</i>
10.	Khusibben Agarwal	CSE	<i>K.A.</i>
11.			
12.			



(Dr. Ranjeet Kumar Singh)
Workshop Coordinator



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Professor & HOD
Department of CSE
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(Dr. Manish Dixit)
Professor & Head