



Writing Research Paper in LaTeX

1. Duration of Course- 30 hrs.
2. Entry Qualification: B. Sc.
3. Trainees per unit minimum- 20
4. Teaching Mode- Both Synchronous (Online) and Asynchronous (Video / PDF)

This course introduces the basic concepts of LaTeX. Participants will be able to Handle different types of documents, Organize documents into different sections, subsections, Formatting pages (margins, header, footer, orientation), Formatting text, Write complex mathematical formulae, Include tables and images, Cross-referencing, bibliography.

Introduction- How to install LaTeX. creates the first document using LaTeX, organizes content into sections using article and book class of LaTeX.

Styling Pages- Reviewing different paper sizes, examines packages, formats the page by setting margins, customizing header and footer, changing the page orientation, dividing the document into multiple columns. The topic ends with reading different types of error messages.

Formatting Content- Formatting text (styles, size, alignment), adding colors to text and entire page, and adding bullets and numbered items. It concludes by explaining the process of writing complex mathematics.

Tables and Images- Create basic tables, adding simple and dashed borders, merging rows and columns, and handling situations where a

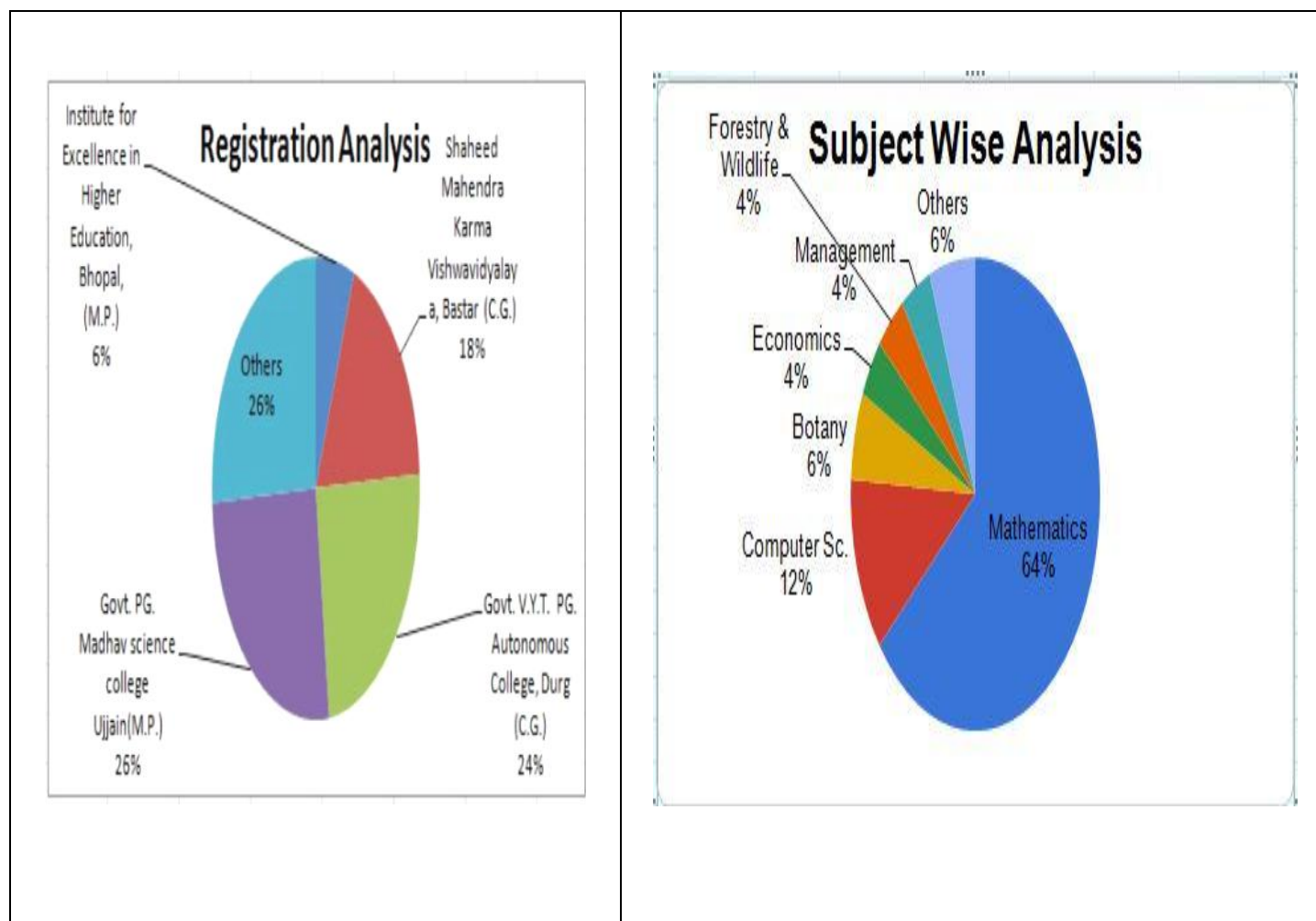
table exceeds the size of a page. To add an image, explore different properties like rotate, scale, etc...

Referencing and Indexing- Cross-referencing (refer to sections, table, images), add bibliography (references), and create back index.

Registration & It's Analysis

S. No.	Name	Class	Subject	Institute / College / University
1	Dr. S. S. Shrivastava	Faculty	Mathematics	Institute for Excellence in Higher Education, Bhopal, (M.P.)
2	Raghvendra patel	Faculty	Computer Application	Shaheed Mahendra Karma Vishwavidyalaya, Bastar (C.G.)
3	Dr. Sanjay Kumar Dongre	Faculty	University Library	Shaheed Mahendra Karma Vishwavidyalaya, Bastar (C.G.)
4	Kirti sutradhar	Research Scholar	Computer Science	Shaheed Mahendra Karma Vishwavidyalaya, Bastar (C.G.)
5	Ravi Rathore	M.Sc.	Mathematics	Govt. PG. Madhav science college ujjain(M.P.)
6	Harshita Chouhan	M.Sc.	Mathematics	Govt. PG. Madhav science college ujjain(M.P.)
7	Barkha kala	M.Sc.	Mathematics	Govt. PG. Madhav science college ujjain(M.P.)
8	Bhawna vishwakarma	M.Sc.	Mathematics	Govt. PG. Madhav science college ujjain(M.P.)
9	Harshita trivedi	M.Sc.	Mathematics	Govt. PG. Madhav science college ujjain(M.P.)
10	KRISHNAPAL SINGH	M.Sc.	Mathematics	Govt. PG. Madhav science college ujjain(M.P.)
11	Monika Chauhan	M.Sc.	Mathematics	Govt. PG. Madhav science college ujjain(M.P.)
12	Aditya Purohit	M.Sc.	Mathematics	Govt. PG. Madhav science college ujjain(M.P.)
13	salam chouhan	M.Sc.	Mathematics	Govt. PG. Madhav science college ujjain(M.P.)
14	Pratika Pujari	M.Sc.	Mathematics	Govt. PG. Madhav science college ujjain(M.P.)
15	Namrata Panchal	M.Sc.	Mathematics	Govt. PG. Madhav science college ujjain(M.P.)
16	Amreen mansuri	M.Sc.	Mathematics	Govt. PG. Madhav science college ujjain(M.P.)
17	Dr. Sajiwan Kumar	Faculty	Forestry & Wildlife	Shaheed Mahendra Karma Vishwavidyalaya, Bastar (C.G.)
18	Jyoti Gohil	M.Sc.	Mathematics	Govt. PG. Madhav science college ujjain(M.P.)
19	Dr Sabha Kant Dwivedi	Faculty	Mathematics	Institute for Excellence in Higher Education Bhopal MP
20	Vaishali deshमुख	Faculty	Mathematics	Institute for Excellence in Higher Education Bhopal MP
21	Dr. Makhan Singh	Faculty	Mathematics	Institute for Excellence in Higher Education, Bhopal
22	ARJUN SINGH YADAV	Research Scholar	Mathematics	Barkatulla vishwavidyalay
23	Satyam Kumar Sahu	M.Sc.	Mathematics	Institute for excellence in Higher education, Bhopal, MP
24	Neha tailor	M.Sc.	Mathematics	Govt. PG. Madhav science college ujjain(M.P.)
25	Darshna sharma	M.Sc.	Mathematics	Govt. PG. Madhav science college ujjain(M.P.)
26	Netra kumar gupta	Research	Mathematics	ST. Thomas college, Bhilai

		Scholar		
27	Kailash Kumar Kakkad	Research Scholar	Mathematics	Govt. V.Y.T. PG. Autonomous College, Durg (C.G.)
28	Anil Kumar Mishra	Research Scholar	Mathematics	Govt. V.Y.T. PG. Autonomous College, Durg (C.G.)
29	Dr. Suja Varghese	Faculty	Mathematics	St. Thomas College Bhilai
30	Dr. Vinod Kumar Soni	Faculty	Forestry and Wildlife	Shaheed Mahendra Karma Vishwavidyalaya, Bastar (C.G.)
31	Dr. Vijay Laxmi Naidu	Faculty	Botony	Govt. V.Y.T. PG. Autonomous College, Durg (C.G.)
32	Prakash patel	M.Sc.	Mathematics	Govt. V.Y.T. PG. Autonomous College, Durg (C.G.)
33	Durgesh Kumar Kotangle	Faculty	Computer Science	Govt. V.Y.T. PG. Autonomous College, Durg (C.G.)
34	Siteshwari Chandraker	Faculty	Physics	Govt. V.Y.T. PG. Autonomous College, Durg (C.G.)
35	Dr. Shriram Kunjam	Faculty	Botony	Govt. V.Y.T. PG. Autonomous College, Durg
36	Smt. Kalpana Deshmukh	Research Scholar	Mathematics	Govt. V.Y.T. PG. Autonomous College, Durg (C.G.)
37	Jyotish patel	M.Sc.	Mathematics	Govt. V.Y.T. PG. Autonomous College, Durg (C.G.)
38	Vaibhav Upadhyay Faculty		Mathematics	Bhilai institute of technology durg cg
39	Nisha Pathak	Faculty	Mathematics	Swami Shri Swaroopanand Saraswati College Bhilai
40	Ratnakar upadhyay	Research Scholar	Department of Botany	Govt. V.Y.T. PG. Autonomous College, Durg (C.G.)
41	Dr. Anita Shukla	Faculty	Physics	Govt. V.Y.T. PG. Autonomous College, Durg (C.G.)
42	Rajesh Patel	Research Scholar	Mathematics	Hemchand yadav university Durg chhattisgarh
43	Rashmi sinha	M.Sc.	Mathematics	Govt. V.Y.T. PG. Autonomous College, Durg (C.G.)
44	Avichal Sharma	Research Scholar	Economics	Govt. V.Y.T. PG. Autonomous College, Durg (C.G.)
45	Madhu Yadav	Research Scholar	Economics	Govt. Digvijay Autonomous PG College Rajnandgaon (CG)
46	Gayatri Dewangan	Research Scholar	Mathematics	Govt. V.Y.T. PG. Autonomous College, Durg (C.G.)
47	Dr. Sonali Malewar	Faculty	Marketing management	Amity University Raipur Chhattisgarh
48	Dr. Tanushree Gupta	Faculty	Amity Business School	Amity University Raipur Chhattisgarh
49	Kavita rao	MCA	Computer Application	Shaheed Mahendra Karma Vishwavidyalaya, Bastar (C.G.)
50	Raj Dewangan	MCA	Computer Application	Shaheed Mahendra Karma Vishwavidyalaya, Bastar (C.G.)
51	Dr. sukrita tirkey	Faculty	Anthropology	Shaheed Mahendra Karma Vishwavidyalaya, Bastar (C.G.)
52	Aditya	MCA	Computer Application	Shaheed Mahendra Karma Vishwavidyalaya, Bastar (C.G.)



List of Resource Persons

S. No.	Name	Designation & Affiliation
1	Prof. M. A. Siddiqui	H.O.D., Govt. V.Y.T. PG. Autonomous College, Durg (C.G.)
2	Prof. Padmavati	Govt. V.Y.T. PG. Autonomous College, Durg (C.G.)
3	Dr. Prachi Singh	Asstt. Prof., Govt. V.Y.T. PG. Autonomous College, Durg (C.G.)
4	Dr. Rakesh Tiwari	Asstt. Prof., Govt. V.Y.T. PG. Autonomous College, Durg (C.G.)
5	Dr. Smir Dashputre	Asstt. Prof., Govt. College, Arjunda(C.G.)

6	Kavita Sakure	Asstt. Prof., Govt. Digvijay PG. Autonomous College, Rajnandgaon (C.G.)
7	Shashi Thakur	Asstt. Prof., Govt. College, Dhamdha (C.G.)
8	Md. Firoz Khan	Asstt. Prof., Govt. College, Bemetara (C.G.)
9	N. K. Kurre	Asstt. Prof., Govt. College, Dalli-Rajhara (C.G.)
10	H. M. Tiwari	Asstt. Prof., B.I.T. Raipur (C.G.)
11	Rashmi Verma	Asstt. Prof., Asstt. Prof., B.I.T. Raipur (C.G.)
12	Shraddha Rajput	Asstt. Prof., S.S. I.T.M. Junwani Bhilai (C.G.)
13	Shobha Rani	Asstt. Prof., Govt. V.Y.T. PG. Autonomous College, Durg (C.G.)
14	Rajesh Patel	Asstt. Prof., Asstt. Prof., B.I.T. Bhilai (C.G.)
15	Jaynendra Shrivastava	Asstt. Prof., Govt. College, Patan (C.G.)
16	Kalpana Deshmukh	Asstt. Prof.,
17	Leena Dewangan	Asstt. Prof.,
18	Prateek Thakur	Research Scholar, Govt. V.Y.T. PG. Autonomous College, Durg (C.G.)
19	Gayatri Dewangan	Research Scholar, Govt. V.Y.T. PG. Autonomous College, Durg (C.G.)

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Durg (C. G.)

Course Schedule - I

S. No.	Date / Time	Topic	Theory / Practical
1	12.07.2021 3-5 pm	Inauguration Introduction How to install LaTeX	Dr. Smir Dasputre Prateek Thakur
2	13.07.2021 3-5.30 pm	Creates the first document using LaTeX, organizes content into sections using article and book class of LaTeX.	Kavita Sakure Rashmi Verma
3	14.07.2021 3-5.30 pm	Styling Pages , Reviewing different paper sizes, examines packages, formats the page by setting margins	Prof. M. A. Siddiqui Shashi Thakur
4	15.07.2021 3-5.30 pm	Customizing header and footer, changing the page orientation	Prof. Padmavati Gayatri Dewangan
5	16.07.2021 3-5.30 pm	Dividing the document into multiple columns. The topic ends with reading different types of error messages	Dr. Prachi Singh H. M. Tiwari
6	17.07.2021 3-6 pm	Discussions / Doubt clearing session / Presentations on above topics by Participants	Dr. Rakesh Tiwari Shobha Rani

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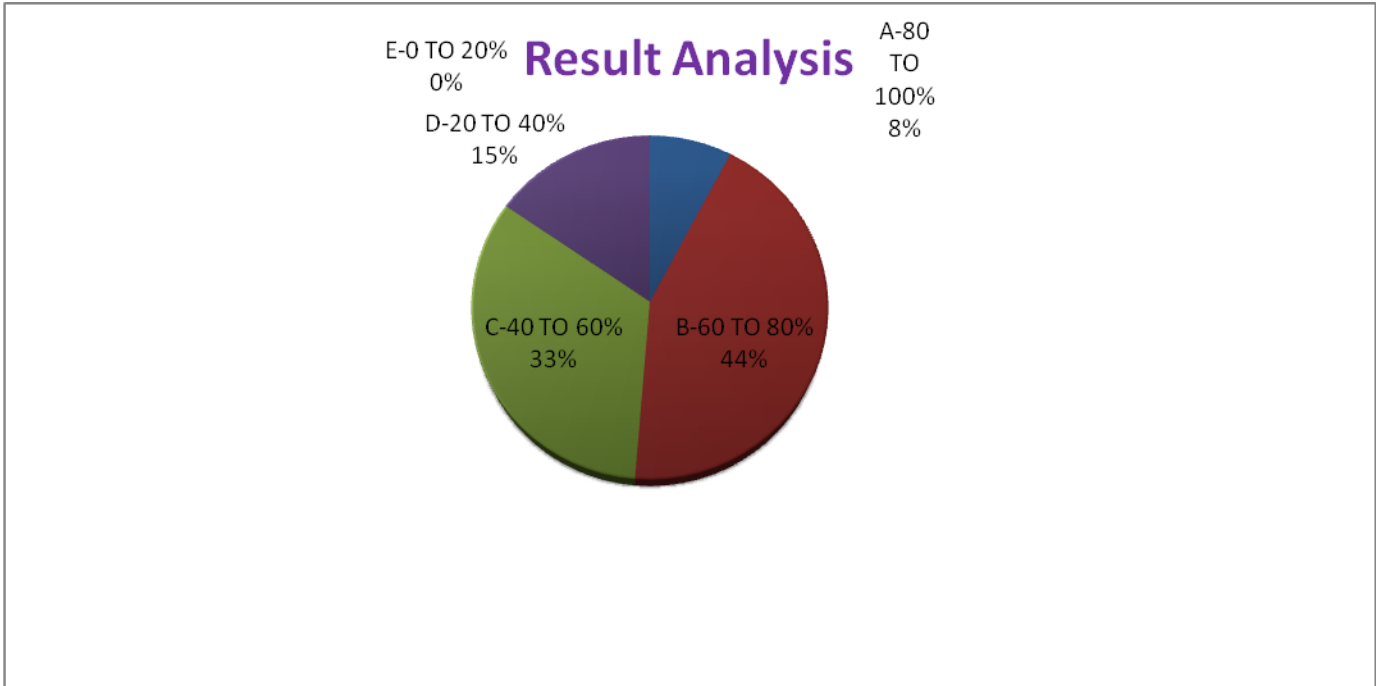
Course Schedule – II

S. No.	Date / Time	Topic	Theory / Practical
1	19.07.2021 3-5 pm	Adding colors to text and entire page and adding bullets and numbered items	Prof. M. A. Siddiqui Leena Dewangan
2	20.07.2021 3-5.30 pm	Explaining the process of writing complex mathematics	Prof. Padmavati Kalpana Deshmukh
3	21.07.2021 3-5.30 pm	Tables - Create basic tables, adding simple and dashed borders, Merging rows and columns, and handling situations where a table exceeds the size of a page	N. K. Kurre Jaynendra Shrivastava
4	22.07.2021 3-5.30 pm	To add an image, explore different properties like rotate, scale, etc...	Dr. Prachi Singh Rajesh Patel
5	23.07.2021 3-5.30 pm	Referencing and Indexing -Cross-referencing, add bibliography, and create back index.	Dr. Rakesh Tiwari Md. Firoz Khan
6	24.07.2021 3-6 pm	Discussions / Doubt clearing session / Presentations on above topics by Participants	Dr. Rakesh Tiwari Shraddha Rajput

7	24.07.2021 6-7 pm	Feedback and MCQ Examination	https://forms.gle/c4f47ByhRzaTHsEQ9
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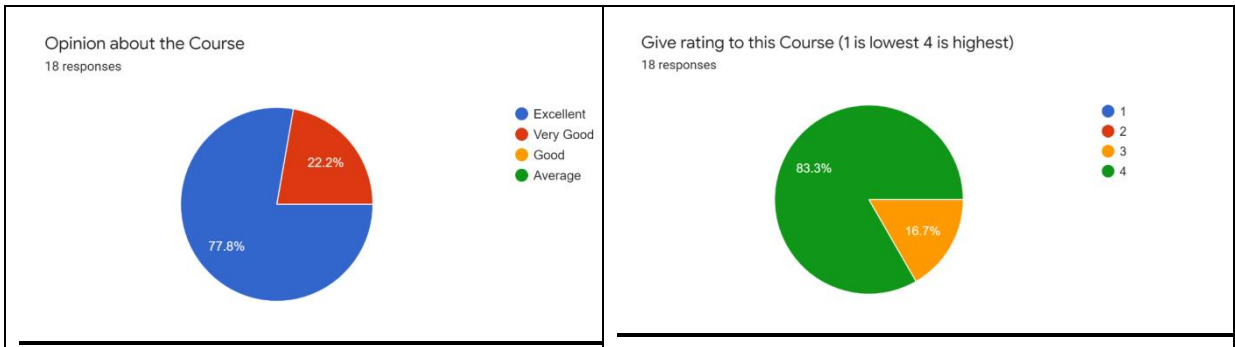
Result & It's Analysis

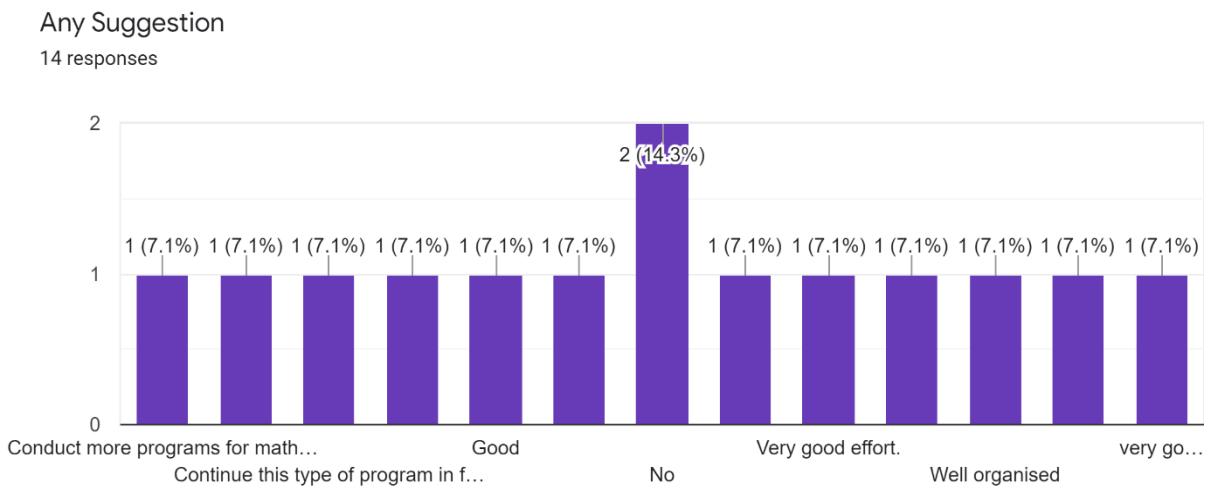
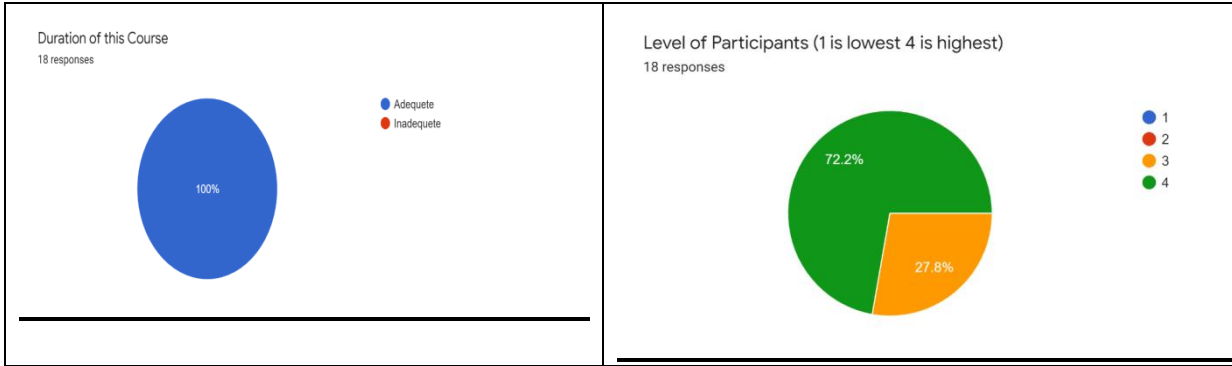
S. No.	Name	Score	S. No.	Name	Score
1	Mrs. Latika tamrakar	45 / 50	21	Heeramani tiwari	34 / 50
2	Pratik singh thakur	41 / 50	22	Rashmi verma	34 / 50
3	Dr sabha kant dwivedi	22 / 50	23	Mr.vaibhav upadhyay	37 / 50
4	Kuleshwari deshमुख	23 / 50	24	Dr s s shrivastava	13 / 50
5	Manilat deshमुख	16 / 50	25	Dr. GYAN PRAKASH PANDEY	38 / 50
6	Rajesh patel	35 / 50	26	Kailash kumar kakkad	31 / 50
7	Akanksha shrivastava	25 / 50	27	Gayatri dewangan	37 / 50
8	Kalyan sahu	37 / 50	28	Mamta dubey	30 / 50
9	Jyotish kumar patel	10 / 50	29	Anil kumar mishra	25 / 50
10	Heena soni	30 / 50	30	Netra kumar gupta	31 / 50
11	Shraddha rajput	26 / 50	31	Madhu yadav	28 / 50
12	Smt. Kalpana deshमुख	36 / 50	32	Jyoti singh rajput	31 / 50
13	Maheshwari sahu	15 / 50	33	Leena rawate	43 / 50
14	Vaishali deshमुख	25 / 50	34	Rupa sao	11 / 50
15	Kirti sutradhar	20 / 50	35	Raghvendra patel	31 / 50
16	Shobha rani	22 / 50	36	Maheshwari	24 / 50
17	Pooja sahu	38 / 50	37	Dr. Sajiwan kumar	21 / 50
18	Pratika pujari	24 / 50	38	Harshita chouhan	35 / 50
19	Makhan singh chauhan	26 / 50	39	Devshri chandrakar	30 / 50
20	Amritanjay kumar ray	13 / 50			



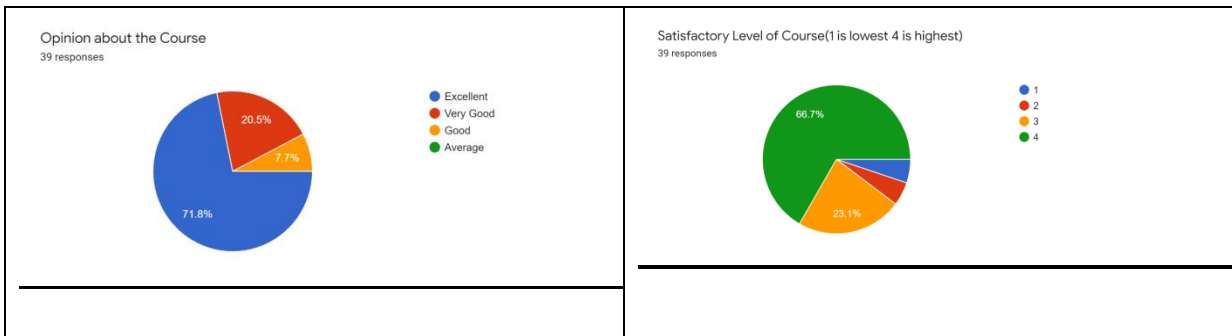
Feedback Analysis

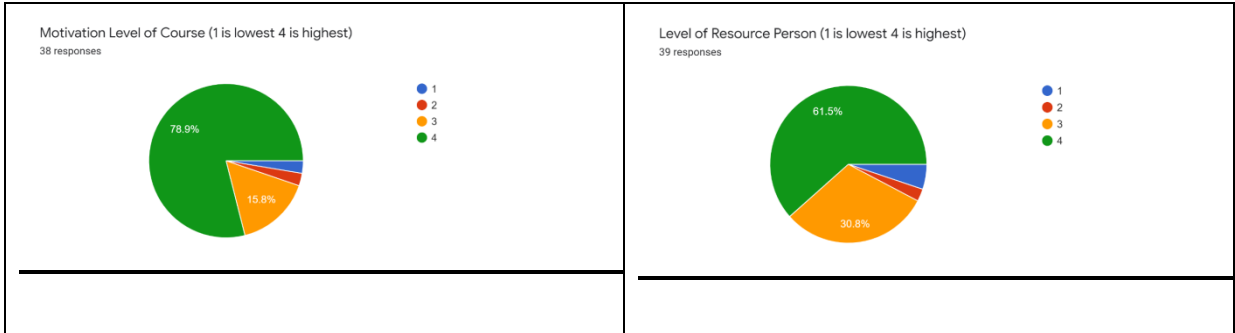
Feedback from Resource Persons





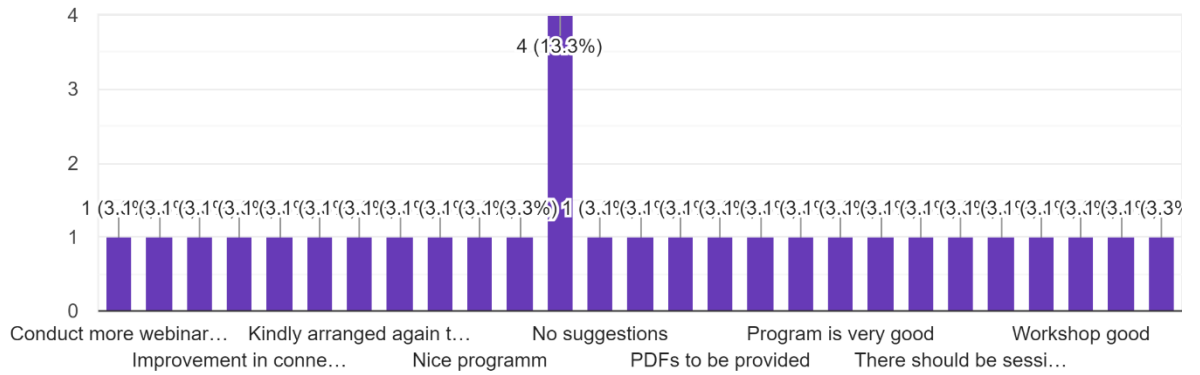
Feedback from Participants





Any Suggestion

30 responses



Meet - enc-zzcf-wpr - Google Chrome

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REC

Sabhakant Dwivedi

People

Mute all Add people Host controls

- P PADMAVATI SUDHA
- r rajesh patel
- S Sabhakant Dwivedi
- S Sajiwan kumar
- S Swami Shrivastava
- v vaibhav upadhyay
- V VAISHALI DESHMUKH


Participants:

- D Dushyant Dewang...
- C CHANDRAHAS sa...
- K Kirti Sutradhar
- P 17 others
- Y You

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REC



Registrar Bastar University

3:18 PM | enc-zzcf-wpr

People

Mute all Add people Host controls

- Purnendra Dewangan 167...
- rajesh patel
- Rashmi Sinha 16742
- Rashmi Verma
- Ravi Rathore
- Registrar Bastar University
- Sabhakant Dwivedi
- Sajjwan kumar

Sabhakant Dwivedi

Virendra Gupta


61 others

You

66

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REC



PADMAVATI SUDHA

3:26 PM | enc-zzcf-wpr

People

Mute all Add people Host controls

- Payal Dhaneriya
- Pooja yadav
- Prachi Singh
- Prakash Patel
- Pratik Singh
- Priya Baghel
- rajesh patel
- Rashmi Sinha 16742

Sabhakant Dwivedi

Registrar Bastar University


56 others

You

60

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REC



Deeksha T has left the meeting

You

3:05 PM | enc-zzcf-wpr

Dr. Shriram Kunjam
shobha rani
Kirti Sutradhar
MUSKAN SONI
NETRA KUMAR GUPTA
PADMAVATI SUDHA
Savita Gupta (outside Govt VYT PG Autonomous College, Durg, Chhattisgarh) joined

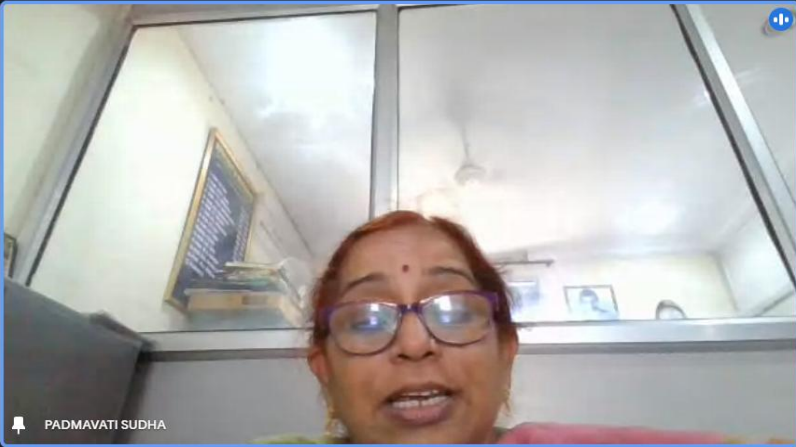
SHRU

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Info, 30, Chat, Screen Share, Lock

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REC



PADMAVATI SUDHA

enc-zzcf-wpr

Kirti Sutradhar
Mamta dubey
Leena Dewangan
Kalpana DESHMU...
Rupa Sao
Kalyan Sahu
13 others
You

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Info, 21, Chat, Screen Share, Lock

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REC SHRUTI SHUKLA is presenting

Dividing the document in to columns - Microsoft PowerPoint (Product Activation Failed)

File Home Insert Design Transitions Animations Slide Show Review View MathType PDFelement

Play Narrations Use Timings Show Media Controls Use Presenter View

Resolution: Use Current Resolution

Click to add notes

Slide 1 of 8 - "Office Theme"

3:28 PM 7/16/2021

**National e-Certificate Course
On
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12th to 24th July, 2021 (2 Weeks)
Organized By
Department of Mathematics
Govt. V. Y. T. PG. Auto. College, Durg, (C.G.)
Presented by:-
Shruti Shukla**

NETRA KUMAR GUPTA

PADMAVATI SUDHA

SHRUTI SHUKLA

shobha rani

Kirti Sutradhar

Rashmi Sinha 16742

32 others

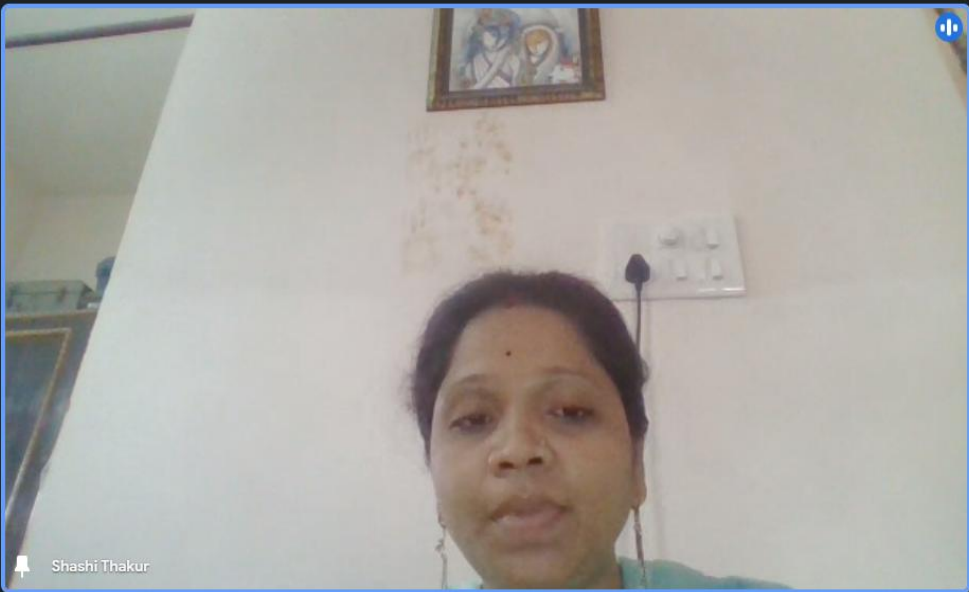
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40

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REC



Shashi Thakur

3:09 PM | enc-zzcf-wpr

Participants:

- C.M. Jamre
- GAYATRI DEWANGAN
- Dr.M.S. Gupta
- Monika Kumawat
- M A Siddiqui
- Rashmi Verma
- 29 others
- You

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REC K Kalpana DESHMUKH is presenting



**National e-Certificate Course
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Topic : Explaining the process of writing complex mathematics

Presented by
Kalpana Deshmukh
PhD Scholar
Govt. V.Y.T. PG Autonomous College
Durg(C.G.)

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Participants:

- Leena Dewangan
- Kalpana DESHMU...
- Rupa Sao
- Kalpana DESHMU...
- PADMAVATI SUD...
- CHANDRAHAS sa...
- 14 others
- You

enc-zzcf-wpr

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