

Department of Mathematics

RUSA 2.0

SOFTWARE

S.N.	Year	Activity	Allotted Amount	Amount Utilized	Balance	Beneficiary Students	Justification	Outcome
1	2022-23	Software	500000	491175	8825	50	For computational and research-based learning support.	Boosted research productivity and software proficiency.

WORKSHOP

Workshop	50000	50247	-247	50	For computational and research-based learning support.	Fostered social responsibility and collaboration.
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GOVT. V.Y.T. PG AUTONOMOUS COLLEGE, DURG, C.G., INDIA
CPE Phase- III By UGC
Awarded Star College By DBT, New Delhi



WORKSHOP ON ::
"MATLAB: APPLICATIONS IN SCIENCES"
06 July 2023 to 10 July 2023

:: Organized by ::



Department of Mathematics
Govt. V.Y.T. PG Autonomous College Durg, C.G.

In Collaboration with
Bhilai Institute of Technology Durg, C.G.

Sponsored by ::
RUSA (Rashtriya Uchchatar Shiksha Abhiyan)

:: Resource Persons ::



Dr. AMIT KUMAR BISWAS
ASSOCIATE PROFESSOR
BHILAI INSTITUTE OF TECHNOLOGY,
BHILAI HOUSE, DURG, CG.



Dr. SHRADDHA RAJPUT
ASSISTANT PROFESSOR
SVN SHANMUGACHARIYA PROFESSIONAL
UNIVERSITY, BHILAI, CG.



PRATIK SINGH THAKUR
RESEARCH SCHOLAR
GOVT. V.Y.T. PG. AUTONOMOUS
COLLEGE, DURG

:: Patron ::



Dr. R.M. SINGH
PRINCIPAL
GOVT. V.Y.T. PG. AUTONOMOUS COLLEGE,
DURG, C.G.

:: Convener ::



Dr. PADMAKAVATI
PROFESSOR & HEAD
DEPARTMENT OF MATHEMATICS

:: Organizing Secretary ::



Dr. PRACHI SINGH
ASSISTANT PROFESSOR
DEPARTMENT OF MATHEMATICS



Dr. BAKESH TIWARI
ASSISTANT PROFESSOR
DEPARTMENT OF MATHEMATICS

WORKSHOP

S.N.	Year	Activity	Allotted Amount	Amount Utilized	Balance	Beneficiary Students	Justification	Outcome
1	2022-23	Workshop	10000	10000	-	140	To give practical exposure to advanced mathematical concepts of NET.	Students gained hands-on experience and enhanced understanding.

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NATIONAL e-WORKSHOP FOR NET / SLET ASPIRANT (NeWNA-23)
13-18 MARCH, 2023
Organized By
Department of Mathematics
Govt. V. Y. T. PG. Auto. College, Durg, (C.G.)
In Collaboration with
Govt. PG. Madhav Science College, Ujjain (M.P.)
Institute for Excellence in Higher Education, Bhopal (M.P.)
Bastar University, Jagdalpur (C.G.)
Bhilai Institute of Technology, Durg (C.G.)

Sponsored by - RUSA (Rashtriya Uchchatar Shiksha Abhiyan)

RESOURCE PERSONS


Prof. Sudhir Kumar Srivastava
 DDU Gorakhpur University
 Gorakhpur


Dr. Premilata Verma
 Govt. Mahamaya College
 Ratanpur CG


Dr. Vivek Kumar Sharma
 DDU Gorakhpur University
 Gorakhpur


Satyam Omar
 JRF, MNIT, Allahabad


Pratik Singh Thakur
 JRF, Hemchand Yadav
 Vishwavidyalaya, Durg


Chitra Kumar
 Guest Lecturer
 Govt VIT PG Auto College Durg


Dr. R. N. Singh
 Principal


Dr. Padmavati
 Prof & Head,
 Department of Mathematics


Dr. Prachi Singh
 Department of Mathematics


Dr. Rakesh Tiwari
 Department of Mathematics

Patron Convener Co-Convener Org. Secretary

WORKSHOP



S.N.	Year	Activity	Allotted Amount	Amount Utilized	Balance	Beneficiary Students	Justification	Outcome
1	2022-23						To expose students towards research and academic institutions.	Broadened academic horizons and career awareness.
		Study Tour	120000	114146	5854	19		
2	2023-24	Study Tour	70000	70000		22	To bridge classroom learning with expert insights.	Improved subject clarity and research motivation.
					-			
3	2024-25	Study Tour	140000	102310	37690	40	To promote experiential learning through interaction with professionals and researchers.	Helped students gain insights into career opportunities in mathematics.

STUDY TOUR



STUDY TOUR



STUDY TOUR



PATENT

Patent	10000	8000	2000	1	To promote research-driven innovation and intellectual property creation in mathematics.	Supported one patent filing initiative.
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PUBLICATION

S.N.	Year	Activity	Allotted Amount	Amount Utilized	Balance	Beneficiary Students	Justification	Outcome
2	2023-24	Publication	200000	177076	22924	19	To encourage research writing and dissemination.	Increased department's research output.

वि. प्रचार
शास. वि. शा. शा. 22. मध.
उ. (उ. म.)

धन: PM-USHM म. से शोध कार्य प्रकाशन हेतु म. की
स्वीकृत करने का प्रस्ताव

होदय, विषयानुसार निवेदन है कि म. विभाग में
र. सह शोध निवेदन में श्री जयनेंद्र श्रीवास्तव का
शोध कार्य च. र. है। इस वर्ष हमारे 05 शोध पत्र
म. राष्ट्रीय / अंतर्राष्ट्रीय जर्नल में प्रकाशित हुए हैं।
म. हेतु कु. 58,000/- (58 अठ्ठावन हजार म.) का प्रस्ताव
म. जमा किया जा चुका है। म. कुपया उ. राखी
Section - 2 (Promotion of research & consultancy) के अंतर्गत
स्वीकृत करने का कष्ट करें।

धन्यवाद
Dr. Anil Shrivastava
/ Shri Ashutosh Saa

म. म. म.
10/02/2024
(डा. रा. म. म.)
सहायक प्राध्यापक
म. विभाग

(5th सेवेश विवादी)
सहा प्राध्यापक
गणित विभाग

GUEST LECTURE

2	2023-24	Guest Lecture	10000	6550	3450	45	To enrich advanced mathematical concepts.	Motivated students to pursue higher studies and research in mathematics.
3	2024-25	Guest Lecture	75000	40631	34631	95	To enrich advanced mathematical concepts.	Improved student engagement through interaction with subject experts.



Department of Mathematics Govt. V. Y. T. P.G. Autonomous College Durg (C. G.)



Report

Department of Mathematics conducted Guest Lecture program by the scheme of PMUSHA under the program of Teaching & Learning on the following schedule.

S. No.	Date	Name	Designation	Topic
1.	8/1/25	Dr. Rajendra Pawale	Rt. Professor Dept. of Mathematics Mumbai University, Mumbai (M. H.)	Topology
2	18/1/25	Dr. Dhananjay Gopal	Professor Dept. of Mathematics Guru Ghasidas University, Bilaspur (C. G.)	Paracompactness and Metrization Theorem
3	19/1/25	Dr. V. K. Pathak	Asstt. Professor Dept. of Mathematics Govt. B. C. S. PG. College Dhamtari (C. G.)	Number Theory
4	20/1/25	Dr. K. K. Dewangan	Prof. & Head Dept. of Mathematics Govt. Digvijay College, Rajnandgaon (C. G.)	Attraction and Potential
5	20/1/25	Dr. Shashi Thakur	Astt. Professor H. O. D., Dept. of Mathematics Govt. C. L. C. College, Dhamdha, Durg	Extremum Problems with Constraints
6	23/1/25	Dr. V. K. Sahu	Astt. Prof. & Head Dept. of Mathematics M. L. J. Govt. College, Khursipar, Bhillai	Mechanics
7	28/1/25	Dr. Deena Sunil	Astt. Prof. Dept. of Mathematics Indira Gandhi National Tribal University, Amarkantak (M. P.)	Data Analysis Meta pretend
8.	1/2/25	Dr. B. S. Thakur	Prof. & Head S.O.S. in Mathematics Pt. Ravishankar Shukla University, Raipur	Scope of Research in Mathematics and Latex



Guest Lecture




EXTENSION ACTIVITY

Extension Activity	10000	10000	-	35	To bridge the gap between academic knowledge and societal needs through math-based initiatives.	Inspired school students to take interest in higher mathematics.
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EXTENSION ACTIVITY



**GOVT. V.Y.T.PG. AUTONOMOUS
COLLEGE DURG, CHHATTISGARH**
(Erstwhile: Govt. Arts & Science College,Durg)
CPE Phase – III By UGC
Awarded Star College by DBT, New Delhi
SESSION – 2024-25



Organising :-
**EXTENSION
ACTIVITY**
**Funded by-Rashtriya Uchchatar Shiksha Abhiyan
(RUSA)**

EXTENSION ACTIVITY

गणित विभाग के स्नातकोत्तर के प्रथम व तृतीय समस्तर के विद्यार्थियों द्वारा नुककड़ नाटक का प्रस्तुति।



LAB MAINTANANCE

Computer Repair	10000	9450	550	-	To ensure smooth conduct of computer-based practical and assignments.	Restored functionality of lab infrastructure for mathematical computing.
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प्रति,

प्रचार्य

शास. विश्वनाथ यादव तामरकर स्वशासी महाविद्यालय,
दुर्ग, (छ.ग.).

विषय—

गणित विभाग का कम्प्यूटर रिपेयरिंग एवं अपडेट की स्वीकृति बाबत।

महोदय जी,

विषयान्तर्गत लेख है कि गणित विभाग का कम्प्यूटर रिपेयरिंग एवं अपग्रेडेशन की आवश्यकता है, जिसकी राशि 9450/— रुपये है, अतः उक्त राशि की स्वीकृति प्रदान करने का कष्ट करेंगे।

धन्यवाद

RUSA
✓


26/10/24.
विभागाध्यक्ष
गणित विभाग

THANK YOU