

OFFICE OF THE PRINCIPAL, GOVT. PT. SHYAMACHARAN SHUKLA COLLEGE, DHARSIWA, RAIPUR (C.G.)

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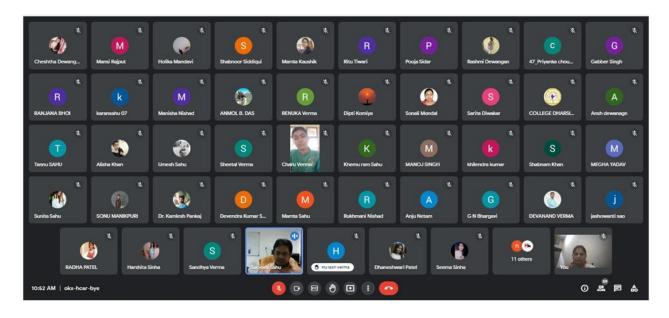
Report Of Two days Workshop on "Topics of Mathematical Sciences for CSIR-NET/JRF Exam"

(14th -15th October 2022)

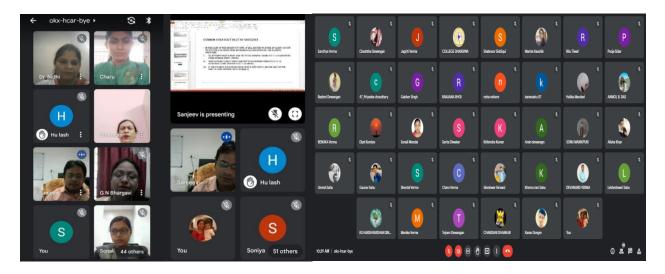
Organized by: Department of Mathematics

Department of Mathematics of Govt. Pt. Shyamacharan Shukla College has organized Two days workshop on "Topics of Mathematical Sciences for CSIR-NET/JRF" during 14th - 15th October 2022. The program was conducted virtually (online) through Google meet.

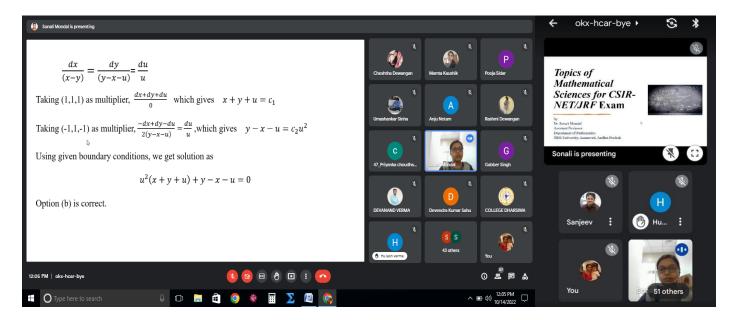
The program was scheduled for two days starting from 14th october and ending on 15th october with six lectures and one keynote address. The inaugural function of this workshop has started at 10:30 am with welcome address of Principal Dr. Shabnoor Siddiqui. She welcomes the chief guest Dr. Sanjeev Anand Sahu, all the resource persons of workshop and all the participants and gave the best wishes to them. Also appreciate the organizing team for this event. Convener of the workshop Dr. Nidhi Dewangan, Asst. Prof. & Head, Department of Mathematics introduced the theme and outline of the workshop and the objective of organizing this workshop. She also gave a brief of the topics to be covered during these two days and the subject experts who will address the sessions. The Chief Guest of this Workshop Dr. Sanjeev A. Sahu congratulated the principal and staff of department of mathematics and faculty of science for organizing this workshop and gave the best wishes to all the participants. In the end of inaugural session Dr. G Nag Bhargavi, Co-convener of this workshop gave the vote of thanks to chief guest, eminent speakers and all the participants. In this workshop total 105 participants had registered from different colleges, universities and technical institutes of Chhattisgarh.



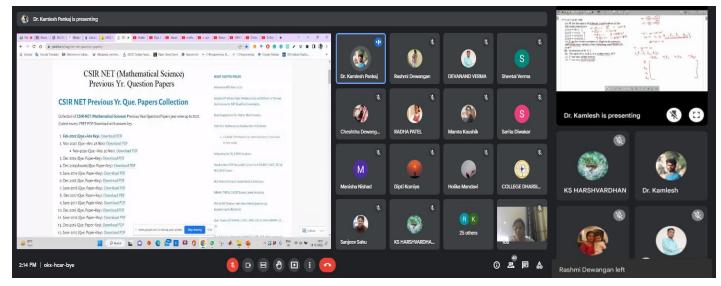
After the inaugural, the keynote address was delivered by Dr. Sanjeev A. sahu, Associate professor, Department of Mathematics and Computing, IIT (ISM), Dhanbad, Jharkhand on "Strategic plan and guidance to qualify CSIR-NET/JRF exam". He explained about importance of CSIR-NET/JRF exam and gave the guidance and motivation to all the participants regarding CSIR-NET/JRF exam. Also elaborated the strategic plan to qualify this exam. Convener of the workshop gave the vote of thanks to the keynote speaker.



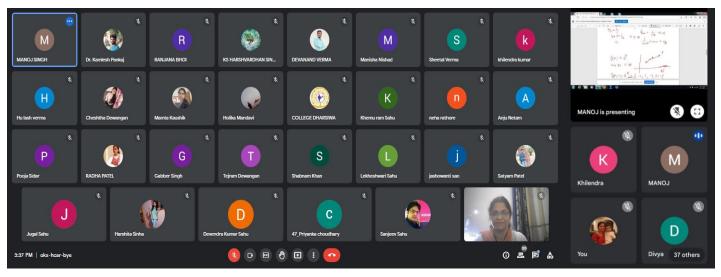
The 1st lecture was delivered by Dr. Sonali Mondal, Asst. Prof., Department of Mathematics, SRM University-AP, Amaravati, Andhrapradesh on "Topics and Examples of Partial differential equations for CSIR-NET/JRF exam". She started her talk with basic information about the exam pattern and marking process of the exam and lucidly explained the partial differential equations and the important methods. She also gave the various examples of PDE that are asked in the question papers of previous years of CSIR-NET/JRF exams. She also explained different techniques to solve these questions to qualify this exam. At the end of the lecture, few of the participants ask their queries which was explained by Dr. Mondal. Dr. Nidhi Dewangan gave the vote of thanks to the speaker and participants.



The 2nd Lecture of this workshop on "Preparation Strategies to crack CSIR-NET/JRF Exam" was delivered by Dr. Kamlesh Kumar Pankaj, Lecturer (Mathematics), Govt. Polytechnic Kaimur, Department of Science and Technology, Bihar. Dr. Nidhi Dewangan welcomed him and gave a brief introduction of him to the session. Dr. Kamlesh elaborately explained the whole syllabus and pattern of CSIR-NET/JRF exam. His lecture was mainly focused on the important topics of linear algebra. He used various examples and questions from the papers of previous years and demonstrated the techniques to simplify them in easy way. In the end of the session Dr. Kamlesh also answered the queries asked by the participants. Dr. Nidhi Dewangan gave the vote of thanks to the speaker and participants.

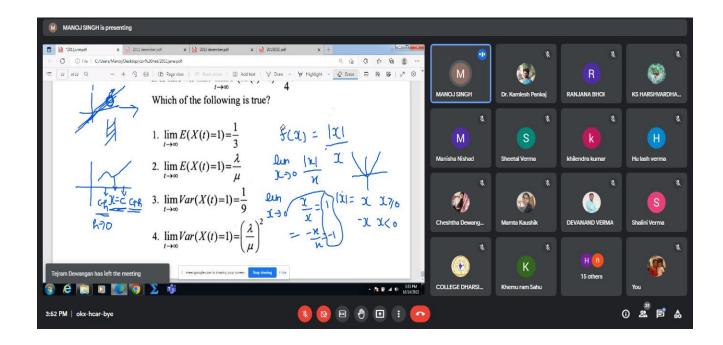


The 3rd lecture of workshop on "Topics and examples of Real Analysis for CSIR-NET/JRF exam" was delivered by Dr. Manoj Kumar Singh, Asst. Prof., Department of Mathematics, VIT Chennai. Sir discussed the fundamental concepts and important topics of Real Analysis, which are very important in view of CSIR-NET exam preparation. He also elaborated the appropriate examples to explain the concepts and used many questions from papers of previous year CSIR-NET/JRF exam to explain the techniques to the crack this exam in easy way. After the talk Dr. Manoj Kumar Singh patiently answered all the queries asked by the participants. In the end Dr. Nidhi Dewangan gave the vote of thanks to speakers and all the participants.

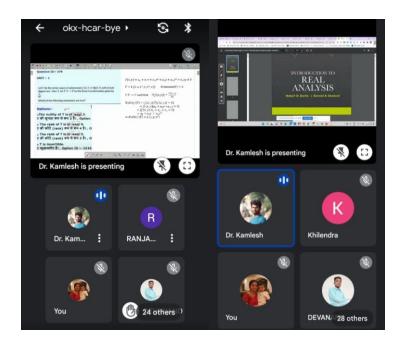


Day-2

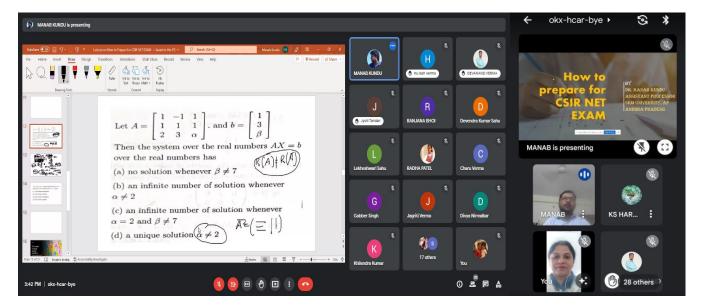
The 4th lecture of workshop has started at 11:00 am and was delivered by Dr. Manoj Kumar Singh, Asst. Prof., Department of Mathematics, VIT, Chennai. Before his talk a brief introduction was given to the session by Dr. Nidhi Dewangan. In his lecture sir discussed the pointwise and uniform Convergence with many examples and demonstrated the solving techniques by using many questions asked in the previous year question papers of CSIR-NET/JRF exam. He also explained the basic concepts of sequence, series, convergence and divergence which are very important in the point of view for the preparation of CSIR-NET/JRF exam. He also answered all the questions raised by the participants. In the end Dr. Nidhi Dewangan gave the vote of thanks to the subject expert and all the participants.



In the 5th lecture of this workshop Dr. Kamlesh Kumar Pankaj, Lecturer (Mathematics), Govt. Polytechnic Kaimur, Department of Science and Technology, Bihar discussed the concepts of Real and complex analysis, Vector space and linear algebra with appropriate examples and also taught some tricks to simplify the questions in easy way to crack this exam. Sir also suggested many reference books which help in preparation of CSIR-NET/ JRF exam. He also explained the queries asked by the participants. At last vote of thanks to the speakers and participants was given by Dr. Nidhi Dewangan.



Dr. Manab Kundu, Asst. Prof., SRM university, Amaravati, Andhra Pradesh has delivered the 6th and last lecture of this workshop on "How to prepare for CSIR-NET/JRF exam". Before his talk a brief introduction of him was given to the session by convener. Dr. Kundu explained the important topics and questions of linear algebra with many examples. Various questions from previous year question papers of CSIR-NET/JRF exam were used as examples to explain the solving techniques. In the end of the talk Dr. Nidhi Dewangan gave the vote of thanks to the speaker and all the participants.



After the last lecture, valedictory of this workshop started with the address of principal of our institute Dr. Shabnoor Siddiqui. She congratulated the organizing team for conducting such a nice and informative academic event and gave the best wishes to all the participants for their bright future. She also extended her gratitude to all the resource persons for sharing their valuable knowledge and time with our students. Convener of this workshop presented the report

of these two days workshop in brief. Dr. Sanjeev A. Sahu gave the valuable suggestions to improve the eminence of the workshop. From the participants Devanand Verma gave the feedback on workshop. In the end Smt. Sheetal Verma, Guest faculty of department of Mathematics gave the vote of thanks to all the resource persons for delivering very informative and relevant talks. She also thanks to all the participants, principal, college staff and members of organizing team.



YouTube Links of the workshop

Day1: Link 1- https://youtu.be/d_yOe3RgtMI

Link 2- https://youtu.be/cpnpBOI5lok

Day2: https://youtu.be/_6hg8wwNXnE

Feedback Received from the Participants

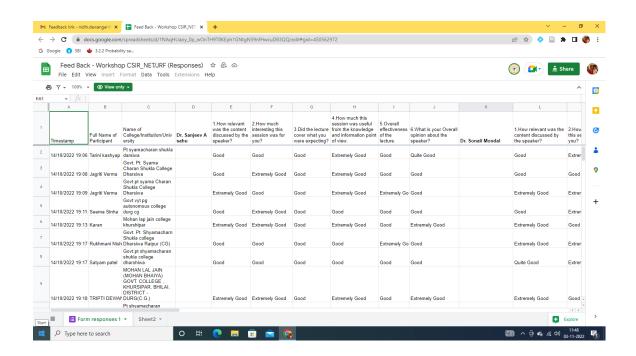
Links for Responses of Feedback:

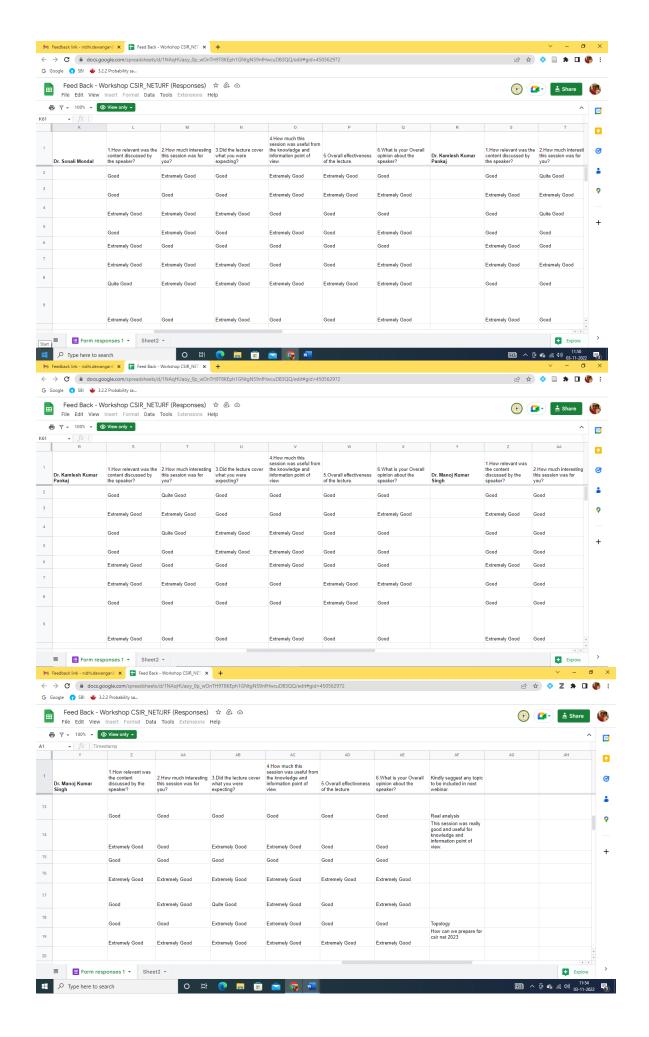
Day 1:

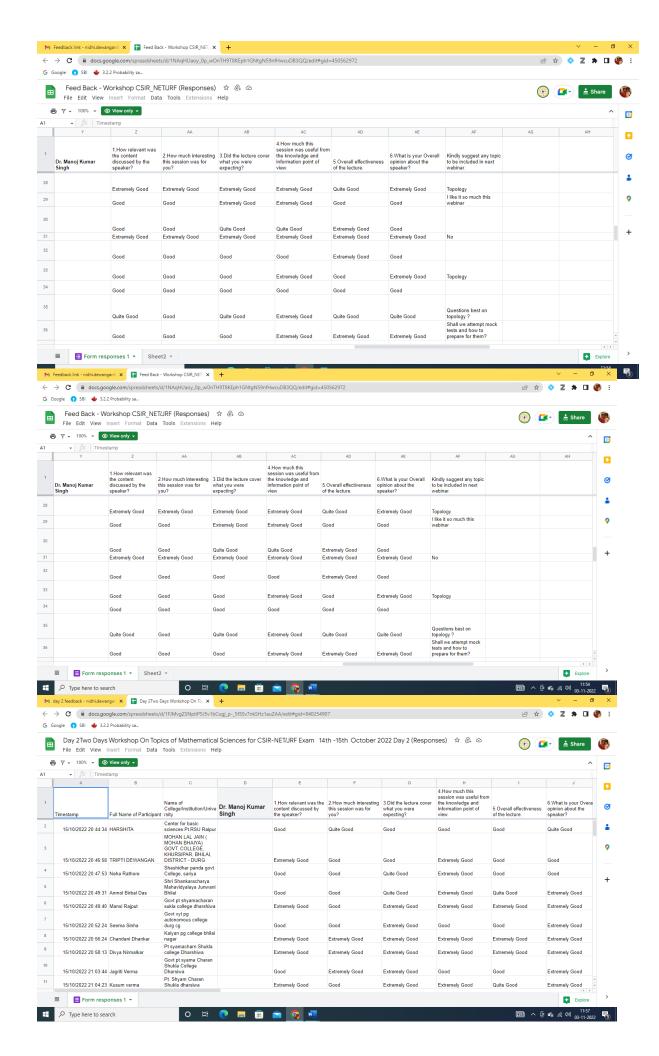
https://docs.google.com/spreadsheets/d/1NAqHUaoy_0p_wOnTH9T8KEph1GNtgN59nfHwcuDB3QQ/edit?usp=sharing

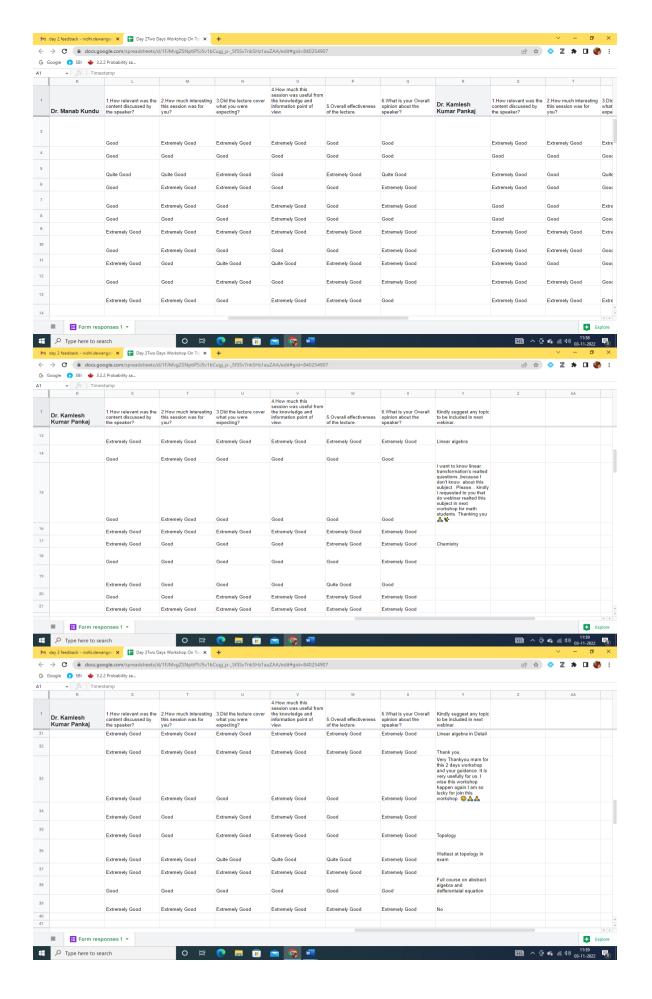
Day 2:

https://docs.google.com/spreadsheets/d/1FJMvgZSNptiP5J5v1bCugj_p-_5f3Sv7nkSHz1auZAA/edit?usp=sharing









Two Days Workshop On

Topics of Mathematical Sciences for CSIR-NET/JRF Exam (Online Mode) (14th -15th October 2022)

Organized by: Department of Mathematics

INAUGURAL FUNCTION

(14 October 2022)

Time: 10:30 AM - 11:00 AM

Invocation

Welcome Address

Dr. Shabnoor Siddiqui – Principal

Theme of the Workshop

Dr. Nidhi Dewangan - Convener

Address by the Chief Guest

Dr. Sanjeev A. Sahu – Associate Professor,

Department of Mathematics and Computing, IIT(ISM), Dhanbad

Vote of Thanks

Dr. G. Nag Bhargavi – Co-Convener

Two Days Workshop On

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PROGRAM SCHEDULE

DAY-1

Date	Time	Events
14.10.2022	10:30 AM – 11:00 AM	Inauguration
14.10.2022	11:00 AM – 11:30 AM	Keynote Address
		Speaker – Dr. Sanjeev A. Sahu,
		IIT(ISM), Dhanbad
14.10.2022	11:30 AM – 12:30 PM	Lecture – 1
		Speaker- Dr. Sonali Mondal,
		SRM University, Amaravati, Andhra Pradesh
14.10.2022	12:45 PM – 02:00 PM	Lunch Break
14.10.2022	02:15 PM – 03:15 PM	Lecture – 2
		Speaker- Dr. Kamlesh Kumar Pankaj,
		Govt. Polytechnic College, Kaimur, Bihar
14.10.2022	03:30 PM – 04:30 PM	Lecture – 3
		Speaker- Dr. Manoj Kumar Singh,
		VIT, Chennai

DAY-2

Date	Time	Events
15.10.2022	11:00 AM – 12:00 PM	Lecture – 4
		Speaker - Dr. Manoj Kumar Singh,
		VIT, Chennai
15.10.2022	12:15 PM – 01:15 PM	Lecture – 5
		Speaker - Dr. Manab Kundu,
		SRM University, Amaravati, Andhra
		Pradesh
15.10.2022	01:30 PM – 02:00PM	Lunch Break
15.10.2022	02:15 PM – 03:15 PM	Lecture – 6
		Speaker – Dr. Kamlesh Kumar Pankaj,
		Govt. Polytechnic College, Kaimur, Bihar
15.10.2022	03:30 PM – 04:00 PM	Valedictory

Google Meet Link: https://meet.google.com/okx-hcar-bye

Two Days Workshop

On

Topics of Mathematical Sciences for CSIR-NET/JRF Exam

(Online Mode)

14th -15th October 2022



Organizer **Department of Mathematics**



Govt. Pt. Shyamacharan Shukla College, Dharsiwa, Raipur, Chhattisgarh

About the College

Government Pt. Shyamacharan Shukla College, Dharsiwa (Shankar Nagar) was established on 14th August 1989 by the Government of Madhya Pradesh. The college was named in the memory of freedom fighter and former chief minister of undivided Madhya Pradesh, Pt. Shyamacharan Shuklaji. After the bifurcation of the state in 2000, it is governed by the Government of Chhattisgarh. The institute is affiliated to Pt. Ravishankar Shukla University, Raipur, Chhattisgarh. The institution is recognized under 2(f) and 12(b) sections of UGC. The institute has been accredited by NAAC with B grade.

Objective of the Workshop

The workshop on the CSIR-NET/JRF (Mathematical Science) exam aims to help the students to qualify the CSIR-NET/JRF exam. This workshop will help the students to develop the analytical, reasoning ability and enhance their ability to approach CSIR-NET/JRF exam and pursuing the career in research. The innovative and creative ideas will be explore through interactive sessions of the resource persons from different universities, academic institutions from all over the country. Workshop will be held in virtual mode (online) through Google Meet platform.

Targeted Audience

The Workshop will be especially beneficial for the post graduate students, scholars and faculties of Mathematics.

Registration Fees

Faculty : ₹100

Research Scholars : ₹50

Students : ₹50

Registration Link: https://forms.gle/7iuvJY5kBkqEiE1a7

Last Date of Registration: 13th October 2022

Online Payment Details

Name : Principal, Govt. Pt. Shyamacharan

Shukla College, Dharsiwa

Bank : Bank of Baroda A/c No. : 86880100003006 IFSC Code : BARB0DBDHRS

Resource Persons

•Prof. Sanjeev A. Sahu IIT (ISM), Dhanbad

•Dr. Manoj Kumar Singh

VIT, Chennai

•Dr. Kamlesh Kumar Pankaj

Govt. Polytechnic College, Kaimur, Bihar

Dr. Sonali Mondal

SRM University, Amaravati, Andhra Pradesh

•Dr. Manab Kundu

SRM University, Amaravati, Andhra Pradesh

Organizing Committee

PATRON Dr. Shabnoor Siddiqui, Principal

CONVENER Dr. Nidhi Dewangan, Asst. Professor

Department of Mathematics

CO-CONVENER Dr. G. Nag Bhargavi, Asst. Professor

Department of Physics



Contact Details:

Dr. Nidhi Dewangan-8878427915

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E-mail- bhargavi.nag24@gmail.com

MEDIA COVERAGE



रायपुर 15-10-2022

कालेज में कार्यशाला का हुआ आयोजन

दिवसीय कार्यशाला का आयोजन किया गया। इसका शुभारंभ प्राचार्य डॉ. शबन्र सिदीकी के उद्बोधन से हुआ। मुख्य अतिथि डॉ. संजीव साह सह प्राध्यापक सीएसआई आर नेट /जेआर एफ एग्जाम योजना के बारे में बताया एवं प्रतिभागियों उपस्थित रहे।

धरसींवा शासकीय पं. श्यामाचरण शुक्ल को सीएसआई आर नेट /जेआर एफ महाHविद्यालय धरसींवा में गणित विभाग एग्जाम उत्तीर्ण करने हेतु उचित मार्गदर्शन द्वारा गणित विषय में सीएसआईआर प्रदान किया। कार्यशाला की संयोजक डॉ. नेट /जेआरएफ एग्जाम से संबंधित दो निधि देवांगन ने कार्यशाला की विषय वस्तु से सभी का परिचय कराया एवं कार्यशाला की सह संयोजक डॉ जी. नाग भागंवी द्वारा धन्यवाद ज्ञापन दिया गया। कार्यक्रम में विषय विशेषज्ञ के रूप में भारतीय प्रौद्योगिकी संस्थान धनबाद ने डॉ. सोनाली मण्डल, डॉ. मनोज कुमार सिंह डॉ. मनब कुन्दू, डॉ. कमलेश कुमार के मुख्य एवं महत्वपूर्ण बिंदुओं की ओर पंकज भी उपस्थित रहे। कार्यक्रम का सबका ध्यान केंद्रित किया। साथ ही संचालन चारू वर्मा ने किया। कार्यक्रम सीएसआई आर नेट /जेआर एफ एग्जाम में शीतल वर्मा, देवाशीष प्रधान, को क्वालीफाई करने हेत् रणनीतिक महाविद्यालय परिवार एवं छात्र-छात्राएं

Dr. Nidhi Dewangan

Convener

शासकीय पं. श्यामाचरण शुक्ल महाविद्यालय धरसींवा (शंकर नगर) रायपुर (छ.ग.)