

Govt. Pt. Shyamacharan Shukla College Dharsiwa Raipur (CG)

Report of
National Seminar on

“Advance Materials for Sustainable Industrial and Social Applications”

(NSAMSISA-2020)

(17th -18th Jan 2020)

Two days National Seminar on **“Advance Materials for Sustainable Industrial and Social Applications” (NSAMSISA-2020)** has been organized by Faculty of Science during **17th -18th Jan 2020**. The program was conducted in five different sections namely, Pre-seminar talk, Inaugural function, Technical session-1, technical session-2, technical session-3, technical session-4 and Poster presentations. In the inaugural function the Chief guest was honourable Prof. K L Verma, vice-chancellor, Pt. Ravishankar Shukla University, Raipur (CG) and presided by respected principal Prof. D S Jagat. The inaugural function was started at 10:00 am by worshipping goddess Saraswati, followed by the welcome address by principal Prof. D S Jagat. Chief guest Prof. K L Verma congratulated the principal and staff of faculty of science for organizing the seminar in spite of infrastructural limitations in the college. Convenor of the seminar Prof. Kaushal Kishore, Assistant prof. department of Botany introduced the sessions with objectives and themes of the seminar. He also explained the relevance of the topic in the present scenario. Guest of Honour Dr. Anjali Oudhia, head of the Department, Department of Physics, Govt. Nagarjuna PG College of Science also addressed the inaugural session and gave information on the importance and relevance of the theme of seminar in the present-day scenario. In the end Dr. G Nag Bhargavi, Assistant prof. department of Physics gave vote of thanks. In this seminar on our call 45 participants have registered from 6 different states of the country. 56 abstracts were submitted by participants out of which there are 01 keynote address, 15 invited talks, 17 oral talks and 23 poster presentations.

Technical Session-1 (Day -1, 11:00 am-1:30 pm)

In the first technical session there were 01 keynote address and two invited talks. The first talk (keynote address) was delivered by Prof. P K Bajpai, Professor and Head, Department of Physics, Guru Ghasidas Central University, Bilaspur (CG) on “Advances in Multifunctional Materials”. The first invited talk was delivered by Dr. Sanjib Banerjee, Assistant Professor, Indian Institute of Technology Bhilai, India. Second invited talk was delivered by Dr. K. N. Singh, Assistant Professor, Department of Physics, School of Science, O P Jindal University, Raigarh (CG). The session was chaired by prof. Anjali Oudhia, Professor and Head, Govt. Nagarjuna PG College of Science, Raipur (CG). After this session there was lunch break of 30 min. 1:30-2pm.

Technical Session-2 (2:00 pm- 5:30 pm)

The second session was chaired by Dr. S K Rout, Professor, Associate Professor, Department of Physics, Birla Institute of Technology, Mesra. In this session 03 invited talks and 11 oral

talks were presented by the participants. Parallely a poster presentation session was conducted in which 23 posters were presented by the participants.

Technical Session-3 (9:30 am- 11:30 am)

The third session was chaired by Dr. Tanmaya Badapanda, Associate Professor, Department of physics, C. V. Raman College of Engineering, Bhubaneswar, Odisha. In this session 05 invited talks were presented followed by a tea break.

Technical Session-4 (11:40 am- 1:30 pm)

The fourth session was chaired by Dr. Ayush Khare, Associate Professor & Head, Department of Physics, National Institute of Technical, Raipur. In this session 04 invited talks and 03 oral talks were presented by the participants followed by a lunch break.

Valedictory session was started at 3:30 PM. In the Valedictory the invited speakers, guest, judges and the participants gave feedback on the seminar. Chief guest Dr. P K Bajpai addressed the session and congratulated the principal and staff for success conduction of the academic event. At last result of oral presentation and poster presentations were declared, Principal Dr. D S Jagat congratulated all the winners and the organizing team of the seminar and all the participants. Kaushal Kishore presented the report of the seminar and Dr. G Nag Bhargavi gave the vote of thanks in the valedictory.

Prof. Kaushal Kishore



Principal

Dr. G Nag Bhargavi



Shri Hemant Deshmukh



Photographs



National Advisory Committee		NATIONAL SEMINAR ON "ADVANCE MATERIALS FOR SUSTAINABLE INDUSTRIAL AND SOCIAL APPLICATIONS" (NSAMSISA-2020) January 17-18, 2020 REGISTRATION FORM		NATIONAL SEMINAR On "Advance Materials for Sustainable Industrial and Social Applications" (NSAMSISA-2020) 17 th -18 th January 2020	
<p>Prof. P. K. Bajpai, GGU Bilaspur Prof. RNP Chaudhary, SOA University, Bhubaneswar Dr. Ashok Kumar, NPL, Delhi Dr. S. G. Agrawal, NPL, Delhi Prof. Nameeta Brahme, PRSU, Raipur Dr. Ayush Khare, NIT, Raipur Dr. Tannaya Badapanda, C.V. Raman College of Engineering, Bhubaneswar Prof. D. P. Bisen, PRSU, Raipur Prof. Sanjay Tiwari, PRSU, Raipur Prof. Kallol Ghosh, PRSU, Raipur Dr. Sanjib Banerjee, IIT, Bhubilai Dr. Anjali Oudhia, Govt. PG Science College, Raipur Dr. S. K. Rout, BIT, Mesra S. Panigrahi, NIT, Rourkela</p>		<p>Name:</p> <p>Designation:</p> <p>Affiliation:</p> <p>Corresponding Address:</p> <p>E-mail:</p> <p>Phone No.</p> <p>Title of the paper:</p> <p>Accommodation required (Yes/No) :</p> <p>Payment Mode:</p> <p>Transaction Detail: Dated:</p> <p>Bank Branch and City:</p>		<p>Organized by: FACULTY OF SCIENCE</p>  <p>Govt. Pt. Shyamacharan Shukla College, Kunra Road, Dharasiwa, Raipur (CG) PIN: 493221 Accredited by NAAC with Grade - B Ph. No.9893043414 , Website: www.gpssc.in</p>	
<p>Organizing Committee Patron Dr. D. S. Jagat Principal</p> <p>Shri. K. K. Sharma Asst. Professor (Botany) (Convener)</p> <p>Dr. G. Nag Bhargavi Asst. Professor (Physics) (Co-convener)</p> <p>Shri Hemant Kumar Deshmukh Asst. Professor (Chemistry) (Organizing Secretary)</p> <p>Local Organizing Committee Dr. Shabnoor Siddiqui Dr. Sandhya Singare Mrs. Varsha Ram Dr. Sushama Mishra Dr. Nidhi Dewangan Dr. C.L. Sahu Dr. Sunita Dubey Dr. Rashmi Kujur Dr. Sanjay Kumar Singh Ms. Aditi Rani Bhagat Shri. Anil Kumar Mahobia</p>		<p>Please mail completed registration form with payment details to: bhargavi.nag24@gmail.com</p> <p>Place:</p> <p>Date:</p> <p>Signature of the Delegate/Participant</p>			

About Seminar		Objective of the Seminar		Paper Submission Guidelines													
<p>Materials Science is an interdisciplinary field concerned with the understanding and application of properties of matter. This field focuses mainly on the design and development of new materials particularly solids with novel properties. This field has a prospect of including elements of basic and applied physics and chemistry as well as various branches of engineering like, chemical, electrical, mechanical etc. In the recent years materials science has propelled to the forefront by paying significant attention to nano-science and technology. Another important aspect of materials science is the development of eco-friendly materials. Most of the materials are excellent in electrical, optical and thermal properties, but there are some issues due to toxic and hazardous nature that has an adverse impact on environment. Because of the environmental concerns these materials are not found suitable for direct industrial applications. Now it is a challenge and opportunity for the future generation to develop eco friendly materials industrial and social applications. This seminar includes the core areas of materials science like ceramics, electronic materials, polymers, composites & bio materials & apart from this also covers all emerging topics.</p>		<p>This seminar will be an excellent academic forum for sharing knowledge and results in theoretical, experimental, methodological and applications of Materials Science and various streams. The seminar will cover the significant contributions from almost all the major fields of materials science. In this seminar participant from different universities, academic institutions and participants from all over the country are anticipated. The latest developments in the field of materials science and its applications will be reviewed. This seminar will be an interactive platform to all the academicians and researchers.</p>		<p>➤ All abstract/full paper must be submitted through Email via - bhargavi.nag24@gmail.com</p> <p>➤ Abstract (max 300 words should contain title of the paper, authors' names, affiliation and contact details)</p> <p>➤ Font: English - Times New Roman, Font size - 12 Hindi - Krutidev 010, Font Size - 14</p> <p>➤ Space between the lines - 1.15</p> <p>➤ Format: MS office word, A-4 size</p>													
<p>About the Institute Govt. Pt. Shyamacharan Shukla College Dharasiwa (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 i.e. Pt. Shyamacharan Shukla ji. 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. At the time of establishment the college was started in Shankar Nagar Raipur, but in 2010 it was shifted to Dharasiwa block of Raipur district and due to lack of its own building it was started in a community hall named "Mangal Bhavan" temporarily. August 2014 onwards the institute is running in its own building. The institution is recognised under 2(f) and 12(b) sections of UGC.</p>		<p>Themes of NSAMSISA-2020</p> <p>Advanced Materials</p> <ul style="list-style-type: none"> Smart Materials Dielectric, Ferroelectric, Piezoelectric Materials Luminescent Materials (Electro, Thermo, Mechano, Photo, Lyo, Bio, Chemi) Nano materials and Nano technology Magnetic materials Bio Materials High temperature materials Sensors <p>Materials Characterisations</p> <ul style="list-style-type: none"> Various characterization techniques Characterization techniques of Optical materials Advanced characterizations <p>Composites</p> <ul style="list-style-type: none"> Polymers Ceramics Metal Matrix ceramics Fiber reinforced ceramics Nano composites Bio composites <p>Applications of smart materials and waste utilization</p> <ul style="list-style-type: none"> Radiation effects and dosimetry Phosphors in medical applications Industrial applications of Phosphors Industrial waste utilization Organic waste utilization Hazardous waste utilization Recyclable waste Electronic waste utilization <p>Mask development for industrial areas Catalyst development for polymerisation</p>		<p>Important Dates:</p> <ul style="list-style-type: none"> ➤ Abstract Submission begins – December 15, 2019 ➤ Abstract submission closes – January 05, 2020 ➤ Acceptance notification – January 07, 2020 ➤ Last date of registration – January 10, 2020 													
<p>Registration Fees</p> <table border="1"> <thead> <tr> <th>Delegate Type</th> <th>Upto 10th Jan. 2020</th> </tr> </thead> <tbody> <tr> <td>Faculty Members</td> <td>800/-</td> </tr> <tr> <td>Research Scholars</td> <td>500/-</td> </tr> <tr> <td>Students</td> <td>300/-</td> </tr> <tr> <td>Accompanying person</td> <td>600/-</td> </tr> <tr> <td>Delegates from Industry</td> <td>1000/-</td> </tr> </tbody> </table> <p>Registration fee may be paid through online to the bank details given below: Bank Name & Address: Dena Bank, Dharasiwa, Raipur Account Name – PRINCIPAL, GOVT. PT. SHYAMACHARAN SHUKLA COLLEGE Account No. - 070910031892 IFSC Code: BKDN0820709</p>		Delegate Type	Upto 10 th Jan. 2020	Faculty Members	800/-	Research Scholars	500/-	Students	300/-	Accompanying person	600/-	Delegates from Industry	1000/-	<p>Accommodation Accommodation will be provided to all the out station participants on payment basis.</p>		<p>CONTACT NUMBERS Dr. G. Nag Bhargavi - (Mob.) 9981373012 bhargavi.nag24@gmail.com Shri. Hemant Kumar Deshmukh - (Mob.) 8319618077 deshmukh.hemant2012@gmail.com</p>	
Delegate Type	Upto 10 th Jan. 2020																
Faculty Members	800/-																
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Students	300/-																
Accompanying person	600/-																
Delegates from Industry	1000/-																
<p>About Dharasiwa The Dharasiwa is a Tehsil in Raipur District of Chhattisgarh State, India. Dharasiwa Tehsil Head Quarters is Dharasiwa town. It is located 13 KM towards North from District head quarters Raipur and 12 KM from State capital Raipur towards South. It is the famous industrial block of Chhattisgarh with various industrial establishments: Raipur Rail Way Station, Mandhar Rail Way Station, Urkura Rail Way Station are the very nearby railway stations to Dharasiwa Tehsil. Raipur, Bhillai (Bhillai Nagar), Durg, Mahasamund, Dhamtari are the near-by important tourist destinations to see.</p>																	

**GOVT. PT. SHYAMACHARAN SHUKLA COLLEGE DHARSIWA
RAIPUR, (CG)**

FACULTY OF SCIENCE

**National Seminar on Advance Materials for Sustainable Industrial and Social Applications
(NSAMSISA-2020)
January 17-18, 2020**

Technical program

Day -1, 17-01-2020 (Friday)			
Registration: 09:00 AM – 10:00 AM			
	10:00-10:45AM	INAUGURAL CEREMONY (Seminar Hall II floor)	
	10:45-11:00AM	HIGH TEA	
Technical session -1 (Seminar Hall II floor)			
Session chair: Dr. Anjali Oudhia			
	11:00-12:00 PM	Keynote Address	Advances in Multifunctional Materials <i>by Prof. P. K. Bajpai</i>
	12:00-12:30 PM	IT-1	Advanced Polymer-based Materials: Synthesis, Properties and Industrial Applications <i>by Dr. Sanjib Banerjee</i>
	12:30-1:00 PM	IT - 2	Study of Diffuseness and Dielectric Relaxation in ABO3 : Lead-Free Ceramic Material <i>by Dr. K. N. Singh</i>
	1:00-1:10 PM	OT-1	<i>Manojit De, H. S. Tewari, R. N. P. Choudhary</i> , Studies of LiNbO ₃ modified BiFeO ₃ : Structural, Vibrational, Dielectric, Impedance and Polarization Study
	1:10-1:20 PM	OT-2	<i>Ramsingh Kurrey</i> , Surface Enhanced Infra-Red Spectroscopy for Determination of Quaternary Ammonium Cationic Surfactants using Silver Nanoparticles as a Chemical Sensor
	1:20-1:30 PM	OT-3	<i>Tripti Richhariya, Nameeta Brhame, D. P. Bisen, Ekta Chandrawanshi, Yugbodh Patle, Sanjay Baghel and Kamlesh Thakkar</i> , Synthesis and Photoluminescence studies of Barium Alumino Silicate Phosphor
	1:30-2:00 PM	<u>LUNCH</u>	
Technical session -2 (Seminar Hall II floor)			
Session chair: Dr. S.K. Rout and Dr. Tanmaya Badapanda			
	2:00-2:30 PM	IT - 3	Application of Functionalized Graphene Quantum Dots for Alzheimer's Disease <i>by Prof. Kallol Ghosh</i>
	2:30-3:00 PM	IT - 4	Design and Development Paper based Electronics and Chemical Sensors <i>by Dr. Kamlesh Shrivastava</i>
	3:00-3:30 PM	IT - 5	Nanomaterial-Based Sensors for Detection of Biomolecules and Toxicants <i>by Dr. Manmohan L. Satnami</i>
	3:30-	OT-4	<i>Sanjay K. Baghel, Nameeta Brahme, D.P.Bisen, Ganesh Banjare,</i>

	3: 40 PM		Yugbodh Patle, Sukhraj Nureti, Study of photoluminescence properties of $\text{SrZrSi}_2\text{O}_7:\text{Eu}^{3+}$ Phosphor
	3: 40- 3: 50 PM	OT-5	Bodh ram Chaohan, Study of the soil properties of Shakradhar gram block Manora district Jashpur Chhattishgarh for suitability of tea (<i>camellia sinensis</i>) gardening
	3: 50- 4: 00 PM	OT-6	Sanju Soni, P.K. Bajpai and Charu arora, BIMETALLIC METAL-ORGANIC FRAMEWORK FOR EFFICIENT ADSORPTION OF METHYLENE BLUE DYE
	4: 00 - 4:10 PM	TEA BREAK	
	4: 10 - 4: 20 PM	OT-7	Dr. Mrs. Rita Bajpai, Impact of Industrial waste management on Environment - An analysis
	4: 20 - 4:30 PM	OT-8	Kanchan Tiwari, Optical Properties (Refractive Index, Absorption, Absorption Index) Of $\text{Ca}_2\text{Al}_2\text{SiO}_7$ Using Computational Method (SIESTA)
	4: 30 - 4:40 PM	OT-9	Adilaxmi Tiwari, Hitendra Kumar Lautre, Discovering natural products as antimicrobial agents
	4: 40 - 4:50 PM	OT-10	Kamal Kumar Pandey, Abhishek Kumar Misra and Rajiv Manohar, Electro-optical and Dielectric Characterization of Ferroelectric Liquid Crystals dispersed with Fe_2O_3 Nanoparticles
	4: 50 - 5:00 PM	OT-11	Vikas Gulhare, R. S. Kher, S. J. Dhoble, Luminescence characterization of Tb doped $\text{Ca}(\text{VO}_3)_2$ phosphors
	5: 00 - 5:10 PM	OT-12	Kishore Janardhan Patil, Microalgae <i>Chlorella sp.</i> concentration by flocculation and their phytochemical analysis
	5: 10- 5: 20 PM	OT-13	Rakesh Kumar Kurre and P.K. Bajpai, Evaluate the effect of cerium doping on structural and gas sensing properties of strontium stannate
	5: 20- 5: 30 PM	OT-14	Dakeshwar Kumar Verma, Gravimetric, electrochemical, surface and theoretical study of some green corrosion inhibitors for mild steel in 1 M HCl

Day -2, 18-01-2020 (Saturday)			
Registration: 09:00 AM – 10:00 AM			
Technical Session- 3 (Seminar Hall II floor)			
Session chair: Dr. Tanmaya Badapanda			
	9:30-9:50AM	IT-6	Solar Photovoltaics: A Promising Source of Renewable Energy by <i>Dr. Ayush Khare</i>
	9:50-10:10AM	IT-7	Grain and Grain Boundary Study of Ceramics Using Impedance Spectroscopy by <i>Dr. S. K. Rout</i>
	10:10 - 10:30AM	IT-8	<i>H. S. Tewari, Rashmi Tiwari and Manojit De</i> , Advance Materials Based on Perovskite Oxide: Synthesis, Characterization and Applications
	10:30 - 10:50AM	IT-9	<i>M. P. Sharma, Rashmi Tiwari, Vasundhara Shahu, Manojit De and H. S. Tewari</i> , Structural, Morphological and Vibrational Characterizations of Ni-Zn Based Ferrites
	10:50 - 11:10AM	IT-10	<i>M. P. Sharma, Neeraj Jaiswal and H. S. Tewari</i> , Synthesis and characterization of $\text{CoCr}_x\text{Fe}_{2-x}\text{O}_4$ ferrite
	11:10 - 11:30PM	IT-11	<i>Goverdhan Reddy Turpu, G Bera, A Mishra, P Das, and P Mal</i> , Multi - functionality of graphene oxide – orthovanadate composites
	11:30 – 11:40PM	TEA BREAK	
Technical Session- 4 (Seminar Hall II floor)			
Session chair: Dr. Ayush Khare			
	11:40 - 12:00PM	IT-12	Ferroelectric and piezoelectric ceramic for energy storage and harvesters by <i>Dr. Tanmaya Badapanda</i>
	12:00 - 12:20PM	IT-13	Comparative study on Luminescence properties of Melilite group phosphors by <i>Prof. Nameeta Brahme</i>
	12:20-12:40PM	IT-14	<i>Pradip Das</i> , Transport evidence of 3D topological insulator: $(\text{Pb/Sn})\text{Bi}_2\text{Te}_4$ and $\text{PbBi}_{2-x}\text{Fe}_x\text{Te}_4$
	12:40 - 1:00PM	IT-15	<i>G. Maity and Shiv P. Patel</i> , Metal Induced Crystallization of Amorphous semiconductors under Swift Heavy Ion Irradiation
	1:00 - 1:10PM	OT-15	<i>Tarkeshwar Sinha, Ayush Khare</i> , A comparative analysis of photoluminescence properties of cadmium sulfide films synthesized by two different chemical deposition techniques
	1:10 - 1:20PM	OT-16	<i>Devjyoti Lilhare and Ayush Khare</i> , Studying the effect of annealing on characteristics of electrodeposited $\text{CdTe}/(\text{Cd}_x\text{-Zn}_{1-x})\text{S}$ thin films
	1:20 - 1:30PM	OT-17	<i>Neha Anchal, Bijay Kumar Sahoo</i> , The effect of Polarization Mechanism on Internal Quantum Efficiency of InGaN/GaN Blue LED
	1:30 - 2:30PM	LUNCH	
	2:30 - 3:30PM	POSTER PRESENTATIONS (PP-1 to PP-21, II floor)	
	3:30 - 4:30PM	VALEDICTORY FUNCTION	

POSTER PRESENTATIONS

1	PP-1	<i>Dr. Preeti Soni</i> , Effect of cement dust pollution on water bodies around Bhatapara Chhattisgarh
2	PP-2	<i>Meenakshi Chandra</i> , Synthesis, Characterization and dielectric studies of Pure and Mn doped BZT ceramics
3	PP-3	<i>Prashant Mundeja</i> , PESTICIDES: A REVIEW ON PESTICIDE WASTES, DISPOSAL & MANAGEMENT
4	PP-4	<i>Yuvraj Singh Jagat</i> , Change in electron mobility due to biaxial strain in graphene
5	PP-5	<i>Rashmi Jain</i> , Variation of dielectric constant of soil with moisture content
6	PP-6	<i>Nidhi Dewangan</i> , Impact of Fibre-reinforced composites on SH-wave propagation
7	PP-7	<i>Dr. Usha Rani Singh</i> , Bamboo: environmental friendly and sustainable building materials
8	PP-8	<i>Vinod Kumar Verma and K.K Dubey</i> , Synthesis and Characterization of ZnS nanoparticle using capping agent Polyvinyl alcohol (PVA) by Co-precipitation method
9	PP-9	<i>Vinod Kumar Verma and K.K Dubey</i> , Effect of Post-Irradiation Deformation of Thermoluminescence of Cu^{++} and Ag^{+} doped NaCl Crystals
10	PP-10	<i>Upendra Kumar Verma</i> , Luminescence study of gamma-ray irradiated Dy^{3+} activated $\text{YCa}_4\text{O}(\text{BO}_3)_3$ Phosphors for dosimetry applications
11	PP-11	<i>Laxmi Gond and Anjali Bajpai</i> , Pb(II) Ion Remediation by dithiocarbamylated chitin
12	PP-12	<i>Rashmi Sharma</i> , Dosimetric properties of different TLD Materials: A Review
13	PP-13	<i>Lakshpati Patel, Shweta Jaiswal, Dr. A. K. Shrivastava</i> , Analytical study of microwave remote sensing and electrical spectroscopic behavior of soil
14	PP-14	<i>Kaushal Kishore and S K Verma</i> , Production of bio-plastic from paddy straw, an agricultural waste in Chhattisgarh, India
15	PP-15	<i>G. Nag Bhargavi, T. Badapanda, A. Khare, S. Anwar, Nameeta Brahme</i> , Impedance spectroscopy and electrical modulus studies of Barium Zirconium Titanate Ceramic for Thermistor applications
16	PP-16	<i>D. S. Tandon and Yashwant Vaishnav</i> , Fuzzy modules and its Properties over a t-norms
17	PP-17	<i>Miss Neelima Patel</i> , Communications of Geostationary satellite in space science
18	PP-18	<i>Saroj Vikram Ratnakar</i> , Environmental aspect and courtship behavior of Indian Grey Hornbill Around Vikram University campus Ujjain, India
19	PP-19	<i>Durgesh Sinha, Tanuja Markam, Yodhan Singh Mandavi, Chhama Bhuariya, Dakeshwar Kumar Verma</i> , Hibiscus Sabdariffa extract used as corrosion inhibitor of iron in acidic media
20	PP-20	<i>Pratibha Gumasta, Ms Sujata, Naresh Chandra Deshmukh, Y. R. Katre</i> , A review on organic waste composting, at Bhilai township area Durg, Chhattisgarh
21	PP-21	<i>Manisha Dewangan, D. K. Pandey, Hitendra Kumar Lautre</i> , Pesticides Determination using Biological system
22	PP-22	<i>K.N.Singh, A.K.Shrivastava</i> Role of changing environment and its impact
23	PP-23	<i>Neekita Shah, Nameeta Brahme, D.P. Bisen, Tripti Richhariya, Ekta Chandrawanshi, Yugbodh Patle, Sanjay Baghel</i> , Impact of Dysprosium doping on the optical properties of the Calcium Gallium silicate phosphor

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Day – 1, 17th Jan. 2020

Technical session – I

Keynote Address- Prof. P. K. Bajpai

Professor & Head

Department of Physics, Guru Ghasidas Central University, Bilaspur (CG)

Prof. Bajpai is a renowned name in the field of materials science. He has started his academic journey from North Eastern Hill University Shilong later on he joined Guru Ghasidas Vishwavidyalaya in 1996. He has done Ph. D from North Eastern Hill University Shilong in 1988 on the topic “Structural Phase Transition in Improper Ferroelectric Ammonium Sulphate.” The thesis was selected among the seven best thesis by DAE for S.N. Satyamurthy Award. He is member of many national and international Advisory boards also, he has chaired board of studies of many universities. He is a project co-ordinator and centre in-charge of National Centre for Accelerator Based Research- A 3.0 MV Accelerator based Centre for interdisciplinary Research using ion beams.

11 research scholars have successfully completed Ph. D under his esteemed supervision also more 150 dissertations of M. Phil and M.Sc. students are guided by him. He is a peer reviewer of many international indexed journals of Springer, Elsevier, IOP etc. He has published more than 260 research articles in various indexed journals and edited 2 books. His participation and scholarly presentations in conferences is more than 100. Prof. Bajpai has been principal investigator of various Mega, Major and Minor research proposals under the banner of DAE-BRNS, CSIR, DST, UGC, CGCOST etc.

He is a Fellow of International Academy of Physical Sciences; Full Member of American Nano Society and executive editor of Chhattisgarh J. Science & Technology and reviewer of many prestigious Journals, as also the regional Editor of Int. J. Research published from Maxwell Publications. He has delivered more than 50 lectures in various International/ National conferences including more than a dozen key note addresses and chaired technical sessions in seminars. He has organized 28 national Conferences and one International conference.

Invited Talk – Dr. Sanjib Banerjee

Assistant Professor, Indian Institute of Technology Bhilai, India

PhD, Indian Association for the Cultivation of Science, India

Post-doc, University of Massachusetts Lowell, USA and ENSCM, France

Research Interests: Carbon Capture and Recycling, Nano-engineered Molecular Materials for industrial applications

Invited Talk – Dr. K. N. Singh

Assistant Professor, Department of Physics, School of Science, O P Jindal University, Raigarh (CG)

Ph. D in Material Science from Guru Ghasidas Vishwavidyalaya Bilaspur (A Central University)

Technical session – II

Invited Talk – Prof. Kallol K. Ghosh

Professor, School of Studies in Chemistry, Pt. Ravishankar Shukla University, Raipur (CG)

Ph. D in Physical Chemistry from Pt. RAVISHANKAR SHUKLA UNIVERSITY, RAIPUR

Invited Talk – Dr. Kamlesh Shrivastava

Associate Professor, School of Studies in Chemistry, Pt. Ravishankar Shukla University, Raipur

Ph. D. in Chemistry, Pt. Ravishankar Shukla University, Raipur, CG

Invited Talk – Dr. Manmohan L. Satnam

Assistant Professor, School of Studies in Chemistry, Pt. Ravishankar Shukla University, Raipur

Ph. D. in Phys. Org. Chemistry (Surface Science), Pt. Ravishankar Shukla University, Raipur, CG

Day – 2, 18th Jan. 2020

Technical session – III

Invited Talk – Dr. Ayush Khare

Associate Professor & Head, Department of Physics, National Institute of Technical, Raipur

Ph. D. in Solid State Physics, Pt. Ravishankar Shukla University, Raipur, CG

Invited Talk – Dr. S. K. Rout

Associate Professor, Department of Physics, Birla Institute of Technology, Mesra

Ph. D. from Department of Physics, National Institute of Technology, Rourkela, Odisha

Invited Talk – Prof. H. S. Tewari

Associate Professor, Department of Pure & Applied Physics Guru Ghasidas University, Bilaspur

Ph. D., Department of Metallurgical Engineering, I. I. T. –BHU, Varanasi

Invited Talk – Dr. M. P. Sharma

Assistant Professor, Department of Pure & Applied Physics Guru Ghasidas University, Bilaspur

Ph. D., Materials Science, Univ. of Rajasthan, Jaipur.

Invited Talk – Dr. Goverdhan Reddy Turrupu

Assistant Professor, Department of Pure & Applied Physics Guru Ghasidas University, Bilaspur

Ph. D., Materials Science, Department of Physics, Osmania University, Hyderabad Telangana

Technical session – IV

Invited Talk – Dr. Tanmaya Badapanda

*Associate Professor, Department of physics, C. V. Raman College of Engineering,
Bhubaneswar, Odisha*

Ph. D in Solid State Physics, National Institute of Technology, Rourkela.Odisha

Invited Talk – Prof. Nameeta Brahme

*Professor, School of Studies in Physics and Astro - Physics, Pt. Ravishankar Shukla University,
Raipur (CG)*

Ph. D in Solid State Physics (Mechanoluminescence), Guru Ghasidas Vishwavidyalaya Bilaspur

Invited Talk – Dr. Pradip Das

Assistant Professor, Department of Pure & Applied Physics Guru Ghasidas University, Bilaspur

Ph. D.from Department of Physics, Indian Institute of Technology Bombay

Invited Talk – Dr. Shivpoojan Patel

Assistant Professor, Department of Pure & Applied Physics Guru Ghasidas University, Bilaspur

Ph.D from Inter-University Accelerator Centre, New Delhi

**GOVT. PT. SHYAMACHARAN SHUKLA COLLEGE DHARSIWA
RAIPUR (C.G.)**

**Report Of One Day National Seminar on “Modeling and Simulation (The
Applied World of Mathematics) (MS-2021)”**

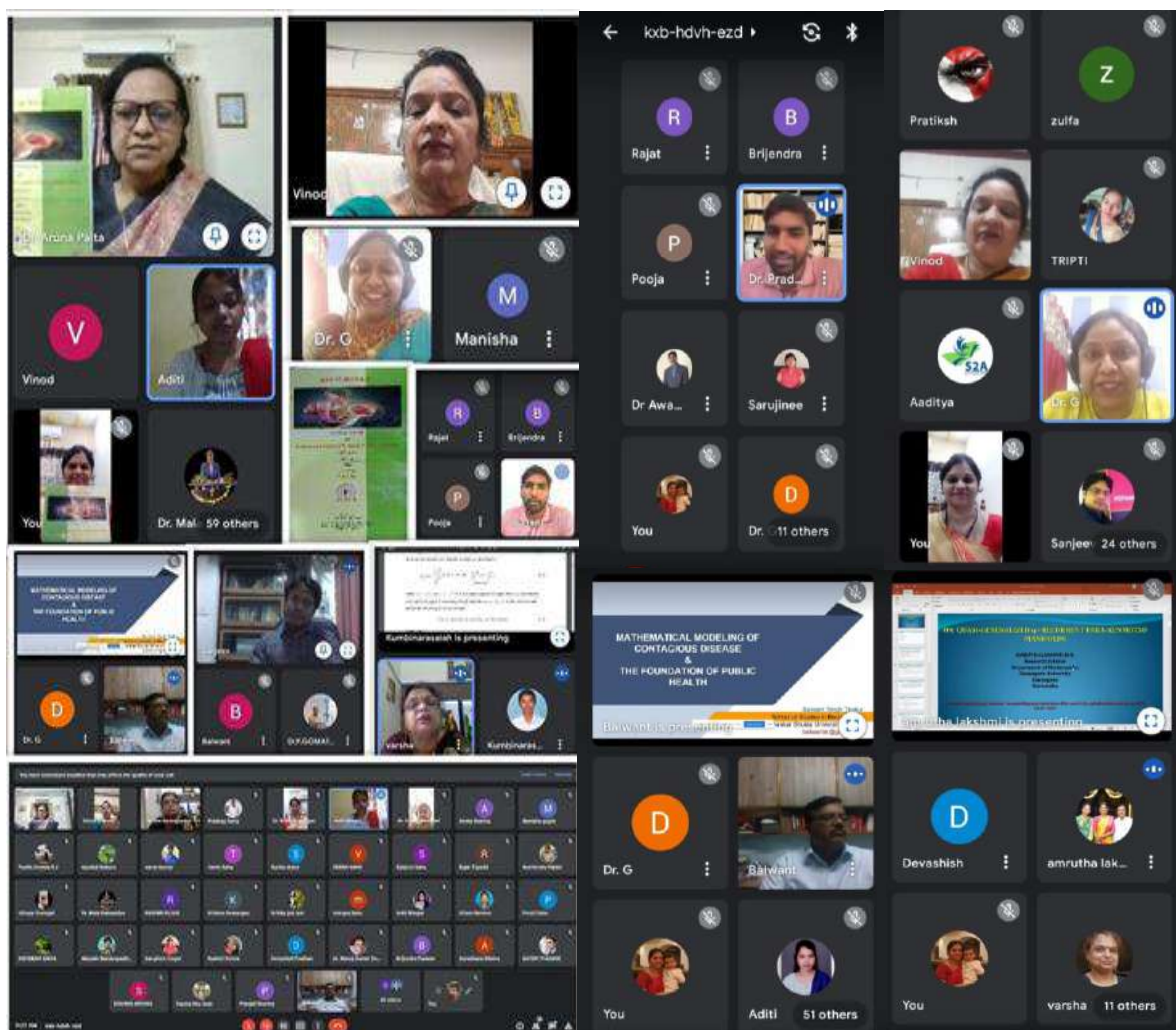
3rd July-2021

In Govt. Pt. Shyamacharan Shukla College, Dharsiwa, Raipur (C.G.), Department of Mathematics organized one day National Seminar on “Modeling and Simulation (The Applied World of Mathematics) (MS-2021)” on 3rd July 2021 virtually through Google Meet Platform. On 03/07/2022 during the inaugural session Principal, Dr. Vinod Sharma mam gave best wishes to all the participants and staff members in her welcome address. As a chief guest Dr. Aruna Palta, Honorable Vice chancellor of Hemchand Vishwavidyalaya Durg (C.G.) appreciates this initiative and gave the best wishes for this seminar as well as released the Abstracts book of the seminar. The theme of seminar has described by Dr. Nidhi Dewangan, convener of the seminar and Dr. G. Nag Bhargavi, Organizing Secretary of the seminar gave the vote of thanks. Inaugural session was conducted by Miss Aditi bhagat. After the Inaugural session two invited talks were delivered. The first talk was delivered by Dr. B. S. Thakur, Head, SoS in Mathematics, Pt. Ravishankar Shukla University on “Mathematical Modeling of Infectious Disease and the foundation of public Health” and the other talk was delivered by Dr. Sanjeev A. Sahu, Associate Professor, IIT(ISM) Dhanbad, Jharkhand on “Role of Differential equations in interdisciplinary research”. In this seminar 170 participants have registered from 18 different states of the country. 39 abstracts were submitted by participants and 27 papers were presented in the 3-sessions in the seminar which was chaired by professors of different universities, IIT’s and NIT’s.

The 1st Technical session was started at 2:00 PM having 12 oral talks and was chaired & judged by Dr. B. Paswan (Asst. Prof., Department of Mathematics, Guru Ghasidas University, Bilaspur (C.G.)) & Dr. Rajat Tripathi (Department of Mathematics, NIT, Jamshedpur). 2nd technical session was parallelly conducted at 2:00 PM having 13 oral talks and was chaired & judged by Dr. V. Karanjgaokar (Asst. Prof., Department of Mathematics, Govt. Nagarjun P. G. College of Science, Raipur (C.G.)) & Dr. Soniya Chaudhary (Post-Doctoral Fellow, Aerospace Department, IIT, Madras, Chennai) and 3rd session was started at 4:00 PM where 12 oral talks were delivered and was chaired and judged by Dr. Pradeep Kumar Saroj (Asst. Prof., School of

Advanced Sciences, VIT, Vellore Tamil Nadu) & Dr. A. K. Upadhyay (Associate Professor, Govt. Engineering College, Raipur (C.G.)).

Valedictory session was started at 6:00 PM. In the Valedictory the invited speakers, guest, judges and the participants gave feedback on the seminar. At last result of 3 best oral presentation was declared, in which Ritabrata Biswas from Department of Mathematics, The University of Burdwan, got the 1st position, she presented the paper entitled “Accretion for a Dark Energy Background, Spin of the Black Hole and Viscosity Work Together”. The 2nd best oral talk was delivered by Suguntha Devi K. from Department of Mathematics, Bangalore University, Jnana Bharathi Campus, Bangalore on topic “A New Approach to Automatic Mesh Generation over Polygonal Domains with Linear, Quadratic, Cubic and Quartic order Quadrilaterals of Serendipity, Lagrange and Complete Lagrange Finite Elements”. Promila Biswas from Department of Mathematics, The University of Burdwan, Golapbag, Purba Bardhaman, West Bengal got the 3rd position in the best oral presentation and has delivered the paper entitled “Prospects of Dark Energy Universe using Barboza Alcaniz Zhu and Silva Redshift Model”. Principal Dr. (Smt.) Vinod Sharma congratulated to all the winners and the organizing team of the seminar and all the participants. Dr. Nidhi Dewangan presented the report of the seminar and Dr. G. Nag Bhargavi gave the vote of thanks in the valedictory.




GOVT. PT. SHYAMACHARAN SHUKLA COLLEGE DHARSIWA RAIPUR (C.G.)

DEPARTMENT OF MATHEMATICS


National Seminar on “Modeling and Simulation (The world of Applied Mathematics)” (MS-2021) July 3, 2021

INAUGURAL FUNCTION

Time: 11:00 AM-11:30 AM Invocation
Welcome Address Dr. Vinod Sharma- Principal
Theme of the Seminar Dr. Nidhi Dewangan- Convener
Address by the Chief Guest Prof. Aruna Palta <i>Honorable Vice- Chancellor</i> Hemchand Yadav University, Durg, Chhattisgarh
Release of Book of Abstracts
Vote of Thanks Dr. G Nag Bhargavi- Organizing Secretary



National Seminar
On
Modeling and Simulation
(The Applied World of Mathematics)
(MS-2021)
3rd July 2021
Call for registrations



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.

About the Seminar

This seminar offers an excellent academic forum to the researchers and academicians to share their knowledge, novel ideas, research and developments in Mathematical modeling and simulation. The seminar will cover the significant contributions from almost all the major fields of Applied Mathematics. Aim of this seminar is to explore the innovative and creative ideas through interactive sessions of the keynote speakers and participants from different universities, academic institutions from all over the country. Seminar will be held in virtual mode (online) through Google Meet platform.

Abstract submission

Abstract (max. 200 words) should be submitted to
pscscienceweek.2020@gmail.com
nidhi.dewangan86@gmail.com
(abstract must contain title of the paper, authors' names, affiliation, contact details with email id)

Important Dates
Abstract Submission begins- June 03,2021
Abstract submission closes- June 28,2021
Acceptance notification- June 30,2021
Last date of registration- July 02, 2021

Themes of Webinar	Organizing Committee																										
<ul style="list-style-type: none"> Mathematical Modeling Differential Equations Mechanics of Solids Fluid Dynamics Numerical Analysis Cryptography Graph Theory Control and Dynamical Systems Mathematical Biology 	<table border="0"> <tr> <td>Dr. Vinod Sharma, <i>Principal</i></td> <td>Chairperson</td> </tr> <tr> <td>Dr. Nidhi Dewangan, <i>Asst. Professor</i></td> <td>Convener</td> </tr> <tr> <td colspan="2"><i>Department of Mathematics</i></td> </tr> <tr> <td>Dr. G. Nag Bhargavi, <i>Asst. Professor</i></td> <td>Organizing</td> </tr> <tr> <td colspan="2"><i>Department of Physics</i></td> </tr> <tr> <td>Shri. K. K. Sharma, <i>Asst. Professor</i></td> <td>Secretary</td> </tr> <tr> <td colspan="2"><i>Department of Botany</i></td> </tr> <tr> <td>Shri Hemant Deshmukh, <i>Asst. Professor</i></td> <td>Member</td> </tr> <tr> <td colspan="2"><i>Department of Chemistry</i></td> </tr> <tr> <td>Smt. Warsha Ram, <i>Asst. Professor</i></td> <td>Member</td> </tr> <tr> <td colspan="2"><i>Department of Zoology</i></td> </tr> <tr> <td colspan="2"><i>Faculty of Arts</i></td> </tr> <tr> <td colspan="2"><i>Faculty of Commerce</i></td> </tr> </table>	Dr. Vinod Sharma, <i>Principal</i>	Chairperson	Dr. Nidhi Dewangan, <i>Asst. Professor</i>	Convener	<i>Department of Mathematics</i>		Dr. G. Nag Bhargavi, <i>Asst. Professor</i>	Organizing	<i>Department of Physics</i>		Shri. K. K. Sharma, <i>Asst. Professor</i>	Secretary	<i>Department of Botany</i>		Shri Hemant Deshmukh, <i>Asst. Professor</i>	Member	<i>Department of Chemistry</i>		Smt. Warsha Ram, <i>Asst. Professor</i>	Member	<i>Department of Zoology</i>		<i>Faculty of Arts</i>		<i>Faculty of Commerce</i>	
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National Advisory Committee																											
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Contact Persons: Dr. Nidhi Dewangan- 8878427915, 7610407185 E-mail- nidhi.dewangan86@gmail.com Dr. G Nag Bhargavi- 9981373012, E-mail- bbhargavi.nag24@gmail.com																											

**GOVT. PT. SHYAMACHARAN SHUKLA COLLEGE DHARSIWA
RAIPUR, (C.G.)**

DEPARTMENT OF MATHEMATICS

**National Seminar on “Modeling and Simulation (The world of Applied Mathematics)”
(MS-2021)**

July 3, 2021

Technical program

11:00-11:30 AM	INAUGURAL CEREMONY	
Invited Talks		
11:30-12:30 PM	IT-1	Mathematical Modeling of Infectious Disease and the Foundation of Public Health by B.S. Thakur <i>Pt. Ravishankar Shukla University, Raipur(C.G.)</i>
12:30 - 1:30 PM	IT-2	Role of Differential Equations in interdisciplinary research by Sanjeev Anand Sahu <i>Indian Institute of Technology (ISM), Dhanbad, Jharkhand</i>
1: 30 - 2: 00 PM	<u>LUNCH</u>	
Technical session -1 Session chair: Dr. B. Paswan & Dr. Rajat Tripathi		
2:00 - 2:10 PM	OT-1	Hussain Basha <i>Role of chemical reaction on 3D mixed convective flow of a Jeffery nanoliquid over a stretching surface with convective boundary condition</i>
2:10 - 2:20 PM	OT-2	J.K. Madhukesh <i>Impact of Marangoni convection and Thermophoretic particle deposition in the presence of Al₂O₃ nanofluid over stretching sheet</i>
2: 20 - 2: 30 PM	OT-3	R. S. Varun Kumar <i>Exploration of Casson nanoliquid flow over a Curved stretching surface with the impact of magnetic field and chemical reaction,</i>
2: 30 - 2: 40 PM	OT-4	R. J. Punith Gowda <i>Computational modeling of convective chemically reactive nanofluid flow over a curved stretching sheet: An application of Stefan blowing</i>
2: 40 - 2: 50 PM	OT-5	R. Naveen Kumar <i>Koo–Kleinstreuer and Li (KKL) correlation and modified Fourier heat flux model for nanofluid flow over a curved stretching sheet</i>

2: 50 - 3: 00 PM	OT-6	Vishnu Narayan Mishra <i>Some approximation properties of a new class of Linear Operators & Difference of Some Positive Linear Approximation</i>
3: 00 - 3: 10 PM	OT-7	Pyare Lal <i>An Exploratory Simulation on NIL Characteristics of AlGaAs/GaAs in Mathematical Biology</i>
3: 10 - 3:20 PM	OT-8	Raj Reddy Pendyala <i>Application of Statistical process control techniques in the infection control epidemiology</i>
3: 20 - 3:30 PM	OT-9	Sayooj Aby Jose, R. Raja <i>Mathematical Modeling Using Impulsive Systems: Application in Biological Pest Control</i>
3: 30 - 3:40 PM	OT-10	S. Jackson, S. Pratiksha, J. Sivasankar <i>Soft Crypto System</i>
3: 40 - 3:50 PM	OT-11	Aaradhana Mishra, M.S. Gupta <i>Audio Video Extended Visual Cryptography With Watermarking Based On Wang's Scheme</i>
3: 50 - 4:00 PM	OT-12	Shabnam Khan, <i>Cryptography in BlockChain</i>
Technical session -2(Parallel Session) Session chair: Dr. V. Karanjgaokar Dr. Soniya Chaudhary		
2:00 - 2:10 PM	OT-13	Kumbinarasaiah S <u>Wavelet method for solving nonlinear Rosenau–Hyman equation</u>
2:10 - 2:20 PM	OT-14	Amruthalakshmi M. R. <i>On Quasi Generalized ϕ- Recurrent Para-Kenmotsu Manifolds</i>
2: 20 - 2: 30 PM	OT-15	A. P. Ponraj, P. Elavarasan <i>On κ_{gp}^* – Closed Sets</i>
2: 30 - 2: 40 PM	OT-16	Niyati Gurudwan, <i>Split feasibility problem accretive operators</i>
2: 40 - 2: 50 PM	OT-17	Naveen S. Malagi <i>Solution for time-fractional Emden Fowler equations using new computational technique</i>
2: 50 - 3: 00 PM	OT-18	Rishikesh Yadav <i>Computational study on Summation –Integral type operators with properties</i>
3: 00 - 3: 10 PM	OT-19	R. Uthaya Tharagai, R. Glory Deva Gnanam, G. S. Grace Prema <i>Canonical Transforms For Fuzzy Integrable Boehmians</i>
3: 10 - 3:20 PM	OT-20	Pranjali Sharma, Manoj Kumar Dewangan <i>Coupled and Common Fixed Points Results in Modified Intuitionistic \mathcal{M}-Fuzzy Metric Spaces</i>
3: 20 - 3:30 PM	OT-21	Manoj Kumar Dewangan, Pranjali Sharma <i>Some Results on Interval Valued Intuitionistic Fuzzy Hv-Ideals</i>
3: 30 - 3:40 PM	OT-22	Samir Dashputre and Kavita Sakure <i>Convergence of Fibonacci-S iteration for monotone non-Lipschitzian mapping</i>
3: 40 - 3:50	OT-23	Samir Dashputre, Padmavati, Kavita Sakure

PM		<i>Fixed point approximation of generalized α-β nonexpansive mappings in hyperbolic spaces</i>
3: 50 - 4:00 PM	OT-24	Samir Dasputre and Rashmi Verma <i>Convergence theorems for S-iteration process for a hybrid pair of nonexpansive mappings in CAT(0) spaces</i>
4: 00 - 4: 10 PM	OT-25	Poonam Mishra <i>Strong Convergence of Modified Extragradient Method for Variational Inequality Problem</i>

Technical session - 3

Session chair: Dr. Pradeep Kumar Saroj &
Dr. A. K. Upadhyay

4: 00 - 4: 10 PM	OT-26	D. Pushpa <i>Applications of Differential Equations to Real Life</i>
4: 10 - 4:20 PM	OT-27	Sarujinee Gogoi <i>A study on shock wave in a mixture of a gas with time according to power law</i>
4: 20 - 4: 30 PM	OT-28	Marisha Singh <i>Study of surface charge distribution on a piezoelectric crystal</i>
4: 30 - 4: 40 PM	OT-29	Sandip Dutta <i>A Fluid Dynamical Study of Dark Energy Accretion Flow around Black Holes</i>
4: 40 - 4: 50 PM	OT-30	Ritabrata Biswas <i>Accretion for a Dark Energy Background, Spin of the Black Hole and Viscosity Work Together</i>
4: 50 - 5: 00 PM	OT-31	Amritendu Halder <i>Joule-Thomson Expansion and Clapeyron Equation of the Charged AdS Black Holes with Cloud of Strings and Quintessence</i>
5: 00 - 5:10 PM	OT-32	Giridhari Deogharia <i>How Universe Evolved Under A Suitable Interaction Between Dark Energy And Dark Matter</i>
5: 10 - 5:20 PM	OT-33	Promila Biswas <i>Prospects of Dark Energy Universe using Barboza Alcaniz Zhu and Silva Redshift Model</i>
5: 20 - 5:30 PM	OT-34	Mayukh Bandyopadhyay <i>Thermodynamics of a Rotating Black Hole</i>
5: 30 - 5:40 PM	OT-35	Surojit Pal <i>Modification of Entropy Corrected upto Inverse Area Term : Thermodynamic Behaviour of Lovelock Gravity Black Hole</i>
5: 40 - 5:50 PM	OT-36	Suguntha Devi K. <i>A New Approach to Automatic Mesh Generation over Polygonal Domains with Linear, Quadratic, Cubic and Quartic order Quadrilaterals of Serendipity, Lagrange and Complete Lagrange Finite Elements</i>
5: 50 - 6:00 PM	OT-37	Mamta Awasthy <i>Mathematical Modeling: Implications As A Teaching Methodology</i>
6:00 - 6:30 PM	Valedictory and Result Declaration	

MEDIA COVERAGE



पं. श्यामाचरण शुक्ल कालेज धरसीवा में हुई शोध संगोष्ठी

धरसीवा (नईदुनिया न्यूज)। शासकीय पं. श्यामाचरण शुक्ल महाविद्यालय धरसीवा में तीन जुलाई को गणित विभाग ने राष्ट्रीय शोध संगोष्ठी 'मॉडलिंग एंड सिमुलेशन (व एप्लाइड वर्ड ऑफ मैथमेटिक्स)' का आयोजन ऑनलाइन माध्यम से गूगल मीट प्लेटफॉर्म पर किया। कार्यक्रम के मुख्य अतिथि हेमचंद्र यादव व विरवा विद्यालय दुर्ग की कुलपति प्रोफेसर डा. अरुणा पल्ला उपस्थित रहीं। महाविद्यालय की प्राचार्य डा. विनोद शर्मा के उद्बोधन से संगोष्ठी का शुभारंभ किया गया। संगोष्ठी की संयोजक डा. निधि देवांगन द्वारा संगोष्ठी के विषय वस्तु का परिचय दिया गया। संगोष्ठी में बुक्स ऑफ अब्सट्रैक्ट का विमोचन किया गया। संगोष्ठी में अतिथि वक्ता के रूप में डा. बीएस ठाकुर ने संक्रमण रोग के गणितीय मॉडल एवं गणित के उपयोग

के गणितीय मॉडल व गणित के उपयोग से इसके समाधान के संबंधों में चर्चा की। साथ ही यह भी जानकारी दी कि कैसे यह मॉडल जनसामान्य स्वास्थ्य के लिए सैद्धांतिक नींव रखने में मदद करता है। आईआईटी धनबाद से अतिथि वक्ता के रूप में जुड़े डा. संजीव साहू ने अंतः विषय शोध (इंटरडिसिप्लिनरी रिसर्च) में आंशिक अवकल सभी की भूमिक पर चर्चा की। संगोष्ठी में कई राज्यों के शोधार्थियों ने भी शोधपत्र प्रस्तुत किए। संगोष्ठी में टेक्निकल सेशन की अध्यक्षता व निर्णायक मण्डल में डा. बी. पासवान, डा. रजत त्रिपाठी, डा. वर्षा करंजगांवकर, डा. एके उपाध्याय, डा. प्रदीप कुमार सरोज, डा. सोनिया चौधरी, संस्था के समस्त प्राध्यापक उपस्थित थे।

एक दिवसीय राष्ट्रीय शोध संगोष्ठी

धरसीवा :- दिनांक 03/07/2021 को गणित विभाग, शासकीय पं. श्यामाचरण शुक्ल महाविद्यालय धरसीवा, रायपुर द्वारा एक दिवसीय राष्ट्रीय शोध संगोष्ठी मॉडलिंग एंड सिमुलेशन का आयोजन ऑनलाइन माध्यम से गूगल मीट प्लेटफॉर्म पर किया गया। कार्यक्रम की मुख्य अतिथि के रूप में हेमचंद्र यादव विश्वविद्यालय दुर्ग की माननीय कुलपति प्रोफेसर डा. अरुणा पल्ला उपस्थित रहीं। महाविद्यालय की प्राचार्य महोदया डा. विनोद शर्मा के उद्बोधन से संगोष्ठी का शुभारंभ किया गया। संगोष्ठी की संयोजक डा. निधि देवांगन द्वारा संगोष्ठी के विषय वस्तु का परिचय दिया गया। संगोष्ठी में बुक्स ऑफ अब्सट्रैक्ट का विमोचन किया गया। संगोष्ठी में अतिथि वक्ता के रूप में डा. बी. एस ठाकुर ने संक्रमण रोग के गणितीय मॉडल एवं गणित के उपयोग से इसके समाधान के संबंधों में चर्चा की। साथ ही यह भी जानकारी दी कि कैसे यह मॉडल जनसामान्य स्वास्थ्य के लिए सैद्धांतिक नींव रखने में मदद करता है। आईआईटी धनबाद से अतिथि वक्ता के रूप में जुड़े डा. संजीव साहू ने अंतः विषय शोध (इंटरडिसिप्लिनरी रिसर्च) में आंशिक अवकल सभी की भूमिक पर चर्चा की। संगोष्ठी में कई राज्यों के शोधार्थियों ने भी शोधपत्र प्रस्तुत किए। संगोष्ठी में टेक्निकल सेशन की अध्यक्षता एवं निर्णायक मण्डल में डा. बी. पासवान, डा. रजत त्रिपाठी, डा. वर्षा करंजगांवकर, डा. ए.के. उपाध्याय, डा. प्रदीप कुमार सरोज, डा. सोनिया चौधरी शामिल थे। कार्यक्रम में संस्था के समस्त प्राध्यापक गण भी उपस्थित थे। कार्यक्रम का संचालन सुश्री अदिति भागत ने किया एवं डा. जी. नाग भार्गवी द्वारा धन्यवाद ज्ञापन दिया गया।

Dewangan

Dr. Nidhi Dewangan
Asst. Prof. (Mathematics)

V Sharma

Dr. (Smt.) Vinod Sharma
Principal

कार्यालय प्राचार्य, शासकीय पं. श्यामाचरण शुक्ल महाविद्यालय
धरसीवा, रायपुर (छ.ग.)

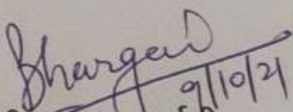
E.mail Id- dharsiwacollege1989@gmail.com Web site- www.gpssc.in contact No. 9893119114

दिनांक 9/10/21

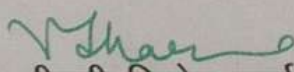
// सूचना //

महाविद्यालय के समस्त प्राध्यापकों, सहा. प्राध्यापकों एवं स्नातकोत्तर कक्षाओं के छात्र-छात्राओं को सूचित किया जाता है कि कल दिनांक 10/07/2021 को IQAC के द्वारा "ACADEMIC INTEGRITY IN RESEARCH" विषय पर विशेष व्याख्यान आयोजित किया गया है। कार्यक्रम में मुख्य वक्ता Dr. Suparna Sengupta ग्रंथपाल, पं. रविशंकर शुक्ल विश्वविद्यालय रायपुर (छ.ग.) होंगे। कार्यक्रम का संचालन Google meet platform पर दोपहर 12:00 बजे से किया जाएगा। कार्यक्रम में आप सभी की उपस्थिति अनिवार्य है, कृपया 10 मिनट पूर्व जुड़ें।

Google Meet link: <http://meet.google.com/ump-psvo-wdd>


डॉ. जी. नाग भार्गवी

IQAC - Coordinator


डॉ. श्रीमती विनोद शर्मा

(प्राचार्य)

शास. पं. श्यामाचरण शुक्ल महाविद्यालय
धरसीवा, रायपुर (छ.ग.)

Final Report

Virtual workshop on “Advanced Characterization Tools: Fundamentals and Applications”

16th – 21st May 2022

**Jointly organized by-
Dept. of Physics, Pt. Shyamacharan Shukla College Dharsiwa, Raipur
&
Dept. of Physics, C V Raman Global University, Bhubaneswar**

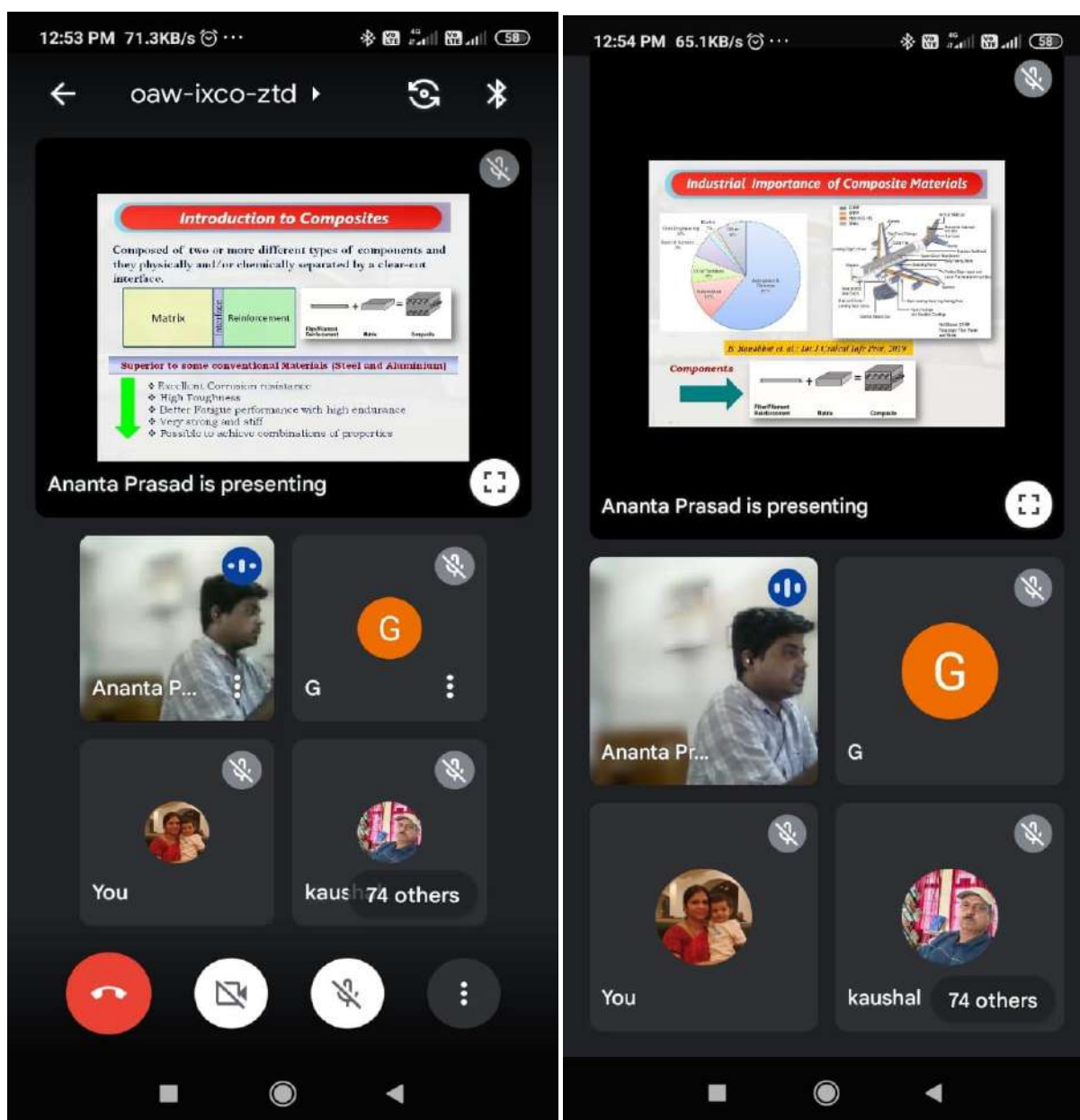
Department of Physics in association with C V Raman Global University Bhubaneswar has organized a Virtual work on “Advanced Characterization Tools: Fundamentals and Applications” during 16th-21st May 2022. The program was conducted virtually (online) through Google Meet. The program was scheduled for six days starting from 16th May and ending on 21st May 2022. In the inaugural function the Chief guest was honorable Dr. Ayush Khare, Associate Professor, National institute of Technology, Raipur (CG) and presided by respected principal Prof. Shabnoor Siddiqui. The inaugural function was started at 12:00 noon by worshipping goddess Saraswati, followed by the welcome address by principal Prof. Shabnoor Siddiqui. Chief guest Dr. Khare congratulated the principal and staff of department of Physics and faculty of science for organizing the workshop. Convenor of the workshop Dr. G Nag Bhargavi, Assistant prof. department of Physics introduced the sessions with the outline of the workshop. She also gave a brief account of the various topics to be covered during these six days and the subject experts who will address the sessions. The co-convenor Dr. Tanmaya Badapanda explained the theme and objectives of the workshop and the relevance to the present-day scenario. In the end of the inaugural session Shri Kaushal Kishore, head department of Botany gave vote of thanks to the chief guest, eminent speakers, academicians and research scholars for participating in this workshop. In this workshop total 125 participants have registered all over the map from different states, universities and colleges.



Technical Session 1 (16.05.2022)

(12:30-2:00 PM)

In the first technical session there was an invited talk on “Characterization techniques involved for FRP composite exposed to various stringent exposing environments” delivered by Dr. Ananta Prasad Chakraverty, Gangadhar Meher University, Sambalpur, Odisha. He started his talk with a basic information about composite materials and its applications in different fields of science and technology also in our daily life. He lucidly explained about fibre reinforced polymer composite (FRP) and different tools/techniques used to characterize and study the properties of FRP. He also used results obtained from his research work to explain the properties of FRP. In the end few of the scholars asked some of their queries which was explained by Dr. Chakraverty. Dr. G Nag Bhargavi Gave vote of thanks to the speaker.

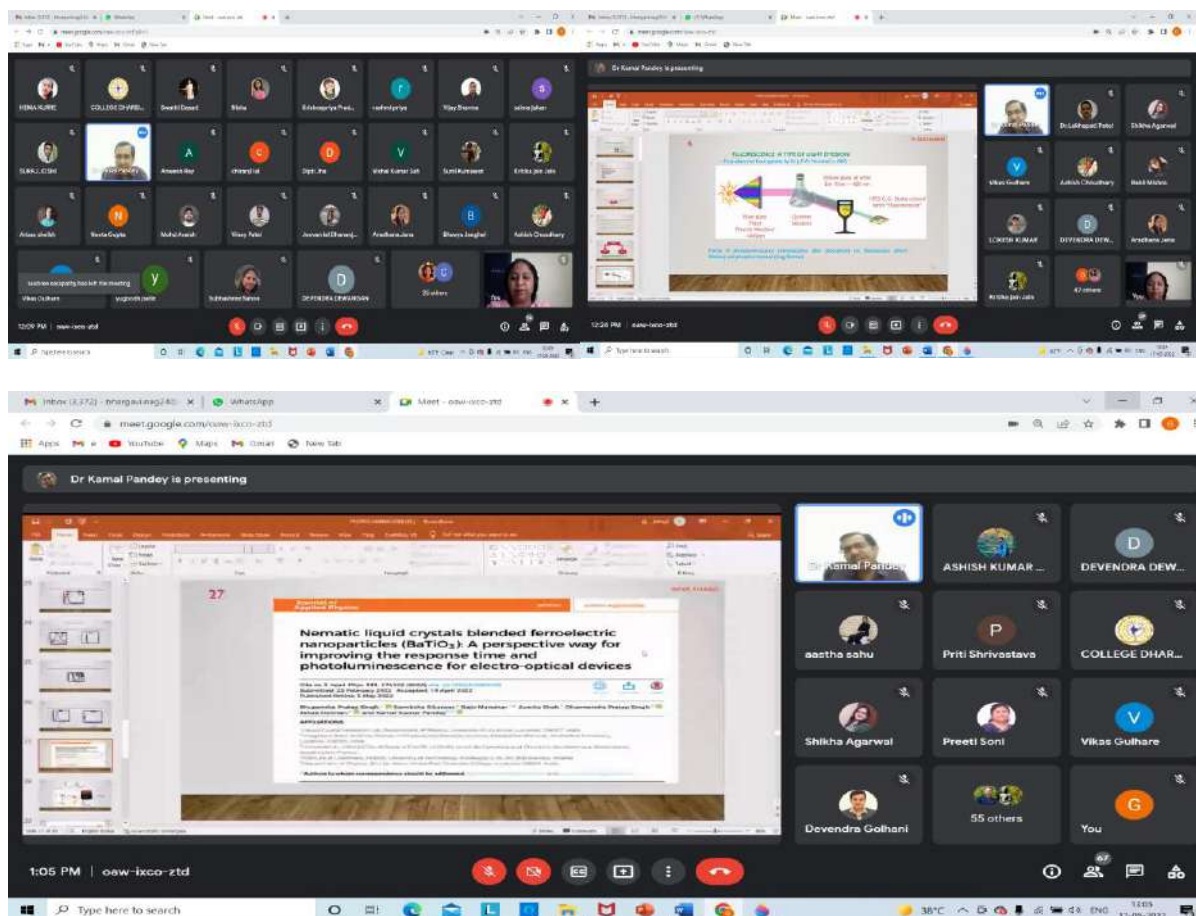


Technical Session 2 (17.05.2022)

(12:00-1:30 PM)

On the second day of workshop another interesting talk on “**Photoluminescence- basics and applications**” was delivered by the subject expert Dr. Kamal Kumar Pandey, Assistant Professor, department of Physics, Sri jai Narayan Mishra PG College Lucknow (KKC), An Associate college of University of Lucknow. In the beginning convenor Dr. G Nag Bhargavi welcomed the resource person and gave a brief introduction of him to the session. Dr. Pandey has elaborately explained the basic physics involved in the process of luminescence. He used the famous Jablonski diagram to explain the basic phenomena of photoluminescence. He used different examples from real time and demonstrated the process of analyzing data. He also explained the instrumentation technique involved in the process of photoluminescence. Dr.

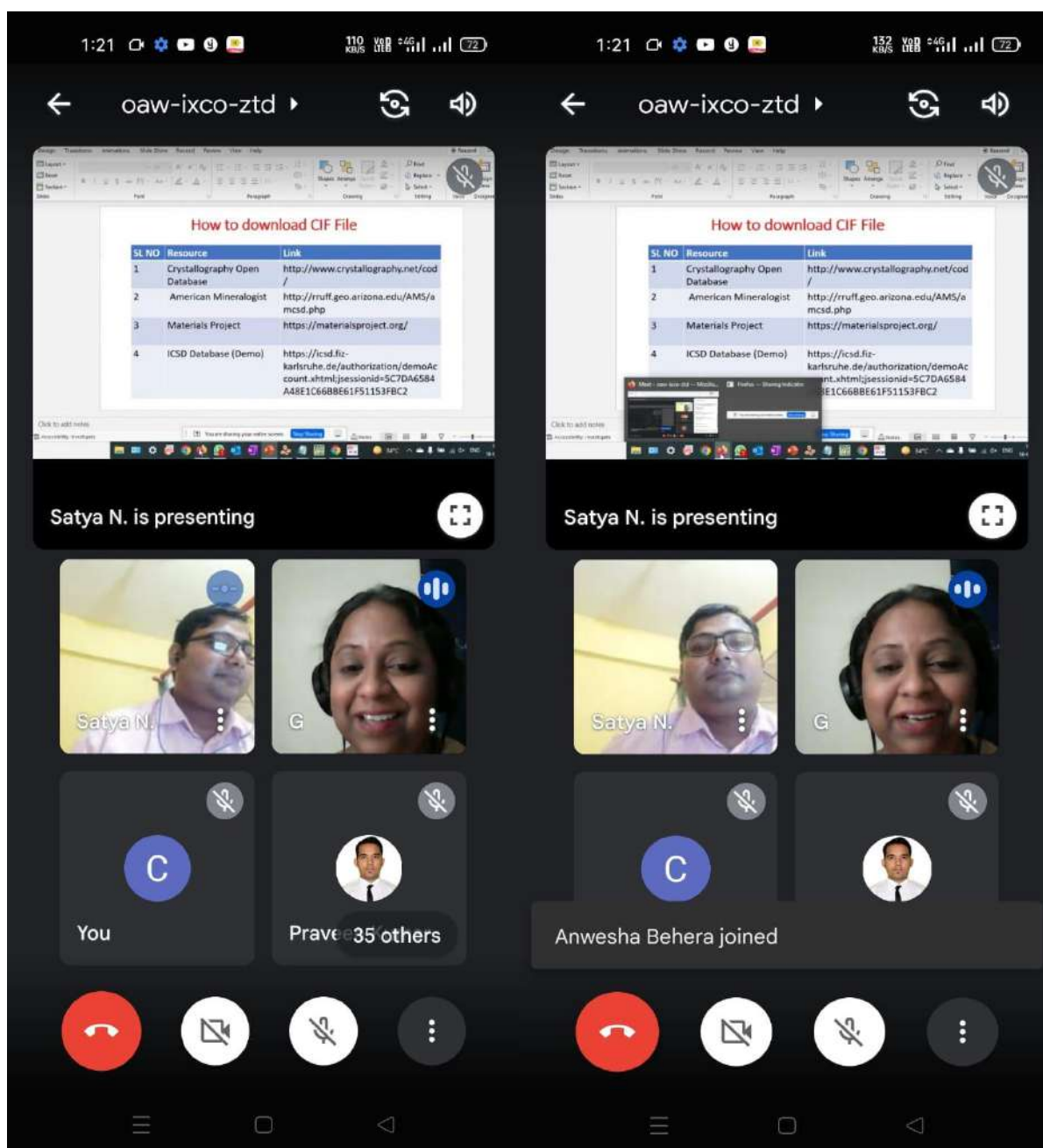
Pandey patiently answered all the questions raised by the participants. In the end Dr. Bhargavi gave vote of thanks to the speaker and participants.



Technical Session 3 (18.05.2022)

(12:00-1:30 PM)

On the third day of the workshop the invited talk was delivered on “**X-ray Diffraction**” was by subject expert Dr. Satya Narayan Tripathy, Assistant Professor, Department of Physics, Sri Sri Sri University, Cuttack Odisha. The program was started at 12 noon, in the beginning convenor Dr. G Nag Bhargavi welcomed the resource person and gave a brief introduction of him to the session. Dr. Tripathy started with fundamentals of X-ray diffraction. Then he explained the rietveld refinement process of X-ray data. He practically explained the process of rietveld refinement using various softwares. He explained the process using examples from different class of solid samples. His talk was classified in two groups (i) crystal structure determination and (ii) microstructural studies. He also answered the queries asked by the participants. In the end Dr. Bhargavi gave vote of thanks to the speaker and participants.

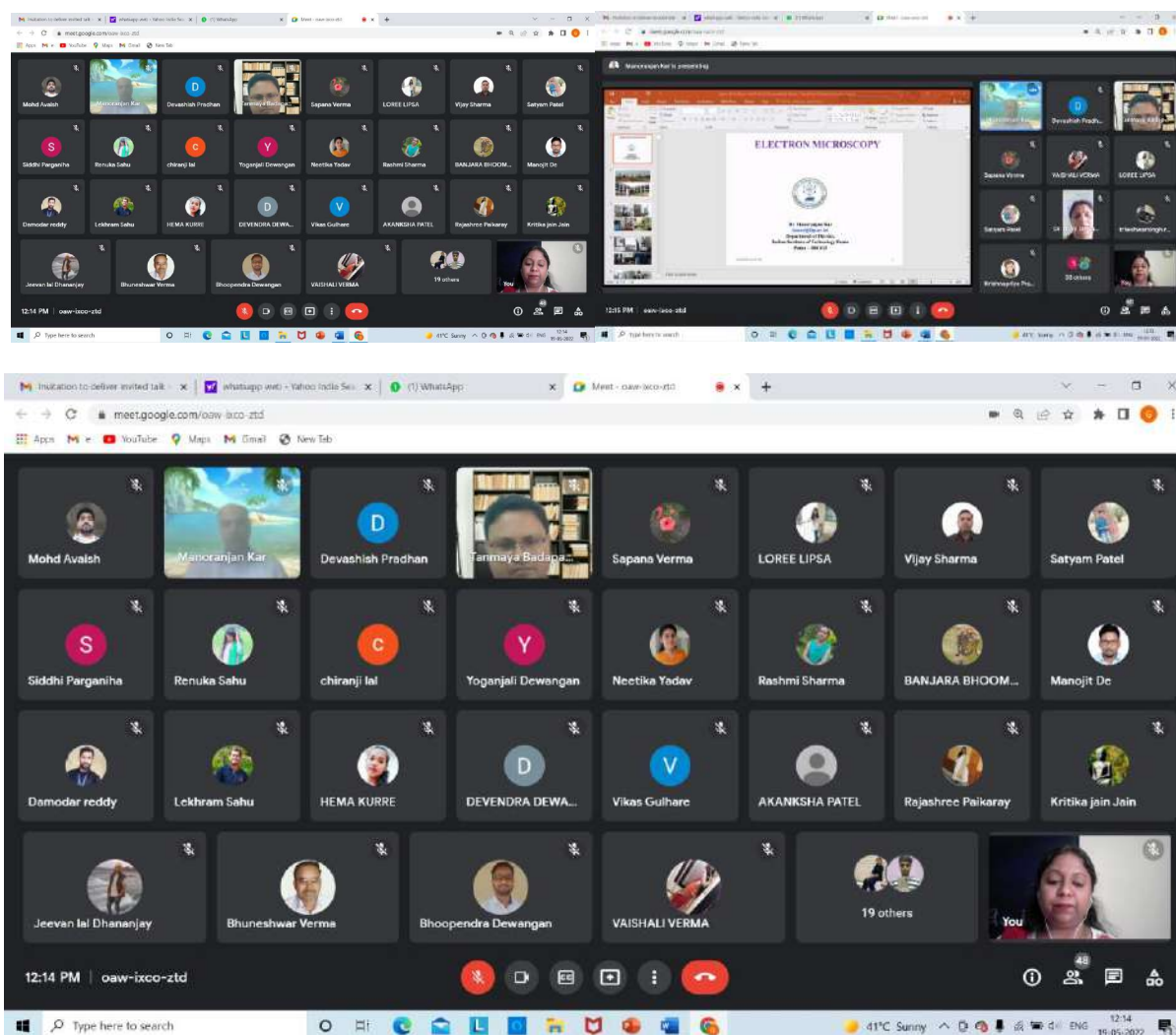


Technical Session 4 (19.05.2022)

(12:00-1:30 PM)

The fourth technical session was started on 19.05.2022 at 12 Noon. The convenor Dr. G Nag Bhargavi welcomed the resource person Dr. Manoranjan Kar, Associate Professor, Department of Physics, Indian Institute of Technology, Patna. She also welcomed all the participants (Academics, Teachers, Research scholars, Students). Before his talk a brief introduction was given to the audience. Dr. Kar delivered a talk on "Electron Microscopy" a very important tool for materials characterization. In his talk he started with very fundamental concept of Classical and Quantum Mechanics and explained the role of Quantum mechanics in understanding the physics behind electron microscopy. He elaborated the different types of electron microscopy like Scanning Electron Microscopy and Transmission Electron Microscopy. He explained the

basic phenomena involved in obtaining the micrographs of samples and described the instrumentation technique. He also talked about the range of optical microscopy and the technological limitations in capturing the micrographs of samples. After the talk Dr. Tanmaya Badapanda, (Co-convenor) gave vote of thanks to the participants.

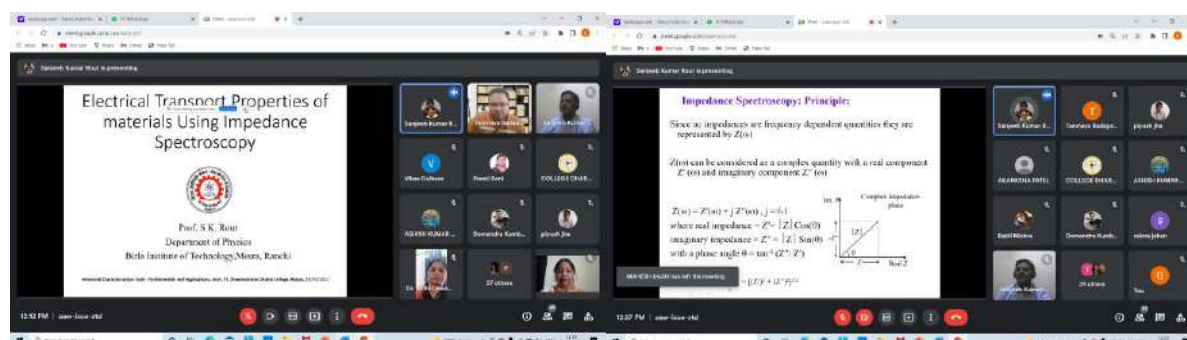


Technical Session 5 (20.05.2022)

(12:00-1:30 PM)

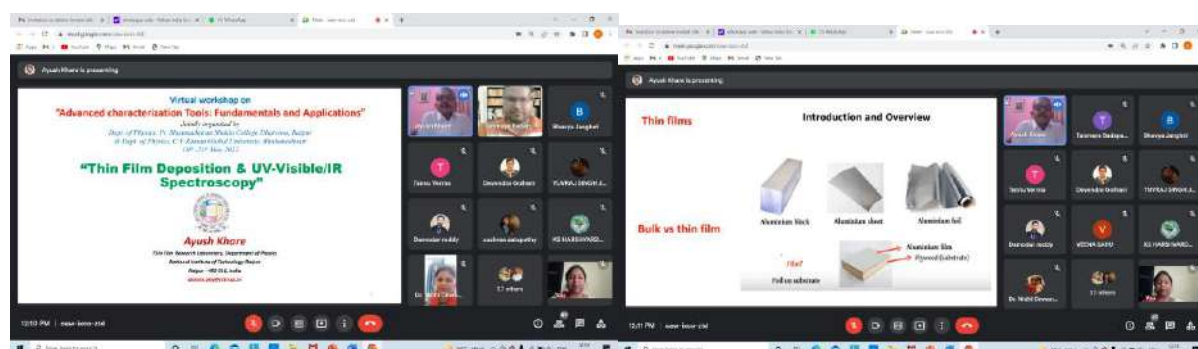
The fifth technical session was started on 20.05.2022 at 12 Noon. The convenor Dr. G Nag Bhargavi welcomed the resource person Dr. S K Rout, Professor, Department of Physics, Birla Institute of Technology, Mesra. She also welcomed all the participants (Academicians, Teachers, Research scholars, Students). Before his talk a brief introduction of him was given to the audience by the Co-convenor Dr. Tanmaya Badapanda. Dr. Rout started his talk with the basic information on impedance consisting of resistance, capacitance and inductance. He discussed the fundamental Ohm's law and difference between direct and alternating currents. He explained in detail that why Impedance spectroscopy is used for electrical characterization. He also discussed about how to analyze impedance data and obtain various parameters like

grains, grain boundaries and also about modeling of impedance spectroscopy plots. In the end Dr. Tanmaya Badapanda gave vote of thanks to the speaker and other participants.



Technical Session 6 (21.05.2022) And valedictory function (12:00-2:00 PM)

The sixth technical session was started on 21.05.2022 at 12 Noon. The convenor Dr. G Nag Bhargavi welcomed the resource person Dr. Ayush Khare, Associate Professor, Department of Physics, National Institute of Technology, Raipur. She also welcomed all the participants (Academicians, Teachers, Research scholars, Students). Before his talk a brief introduction of him was given to the audience by the convenor. Dr. Khare started his talk with the basic idea of bulk materials and thin films. He discussed the various thin film deposition techniques with its merits and demerits. He explained in detail the importance of UV visible and IR spectroscopy for finger printing. He explained the method of calculation of band gap and also explained tuning of band gap.



After his talk in the valedictory function respected principal madam Dr. Siddiqui addresses all the members present in the meeting. She congratulated the organizing committee for conducting such a nice academic event. Dr. G Nag Bhargavi presented the report of this six-days virtual workshop in brief. Dr. Ayush Khare and Dr. Ananta Prasad Chakraverty gave valuable suggestions to improve the eminence of the workshop. From the participants Dr. Preeti Soni and Devendra Golhani feedback on the workshop. In the end Dr. Tanmaya Badapanda gave vote of thanks to all the speakers who were present in all the six days as resource person for delivering such relevant and informative talks. He also thanks to all the participants and principal and members of organizing committee.

WhatsApp | Invitation to deliver invited talk | Feedback - Google Drive | Feedback Dr. Satya Narayan Tripathy

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Feedback Dr. Satya Narayan Tripathy (Responses)

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Timestamp	Email	Name of Participant	1 Content	2 Releva	3 Clarity of	4 Presenta	5 Presentation	6 Language	7 Participative	8 Effective	9 Any suggestions
5/18/2022	vp9521024@	Vinay Kumar Patel	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	
5/18/2022	007surajash@	SURAJ JOSHI	Option 4	Option 4	Option 4	Option 3	Option 3	Option 4	Option 4	Option 3	
5/18/2022	both1205g@	BOOTH RAM CHAOHAN	Option 5	Option 5	Option 4	Option 5	Option 5	Option 5	Option 5	Option 5	It was nice talk
5/18/2022	charuvenma@	Charu venma	Option 5	Option 5	Option 4	Option 5	Option 5	Option 5	Option 5	Option 5	
5/18/2022	praveenthor@	Praveen Kumar Litoriya	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	
5/18/2022	harjandhoo@	Dr. Harjendra Bhatia	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	
5/18/2022	shashanksh@	SHASHANK SHARMA	Option 5	Option 5	Option 4	Option 5	Option 5	Option 4	Option 5	Option 5	Thank you
5/18/2022	senjaydubey2	Dr. Senjay Kumar Dubey	Option 3	Option 3	Option 3	Option 3	Option 3	Option 3	Option 3	Option 3	
5/18/2022	devangan1@	Bhupendra Kumar Dewa	Option 5	Option 5	Option 4	Option 4	Option 5	Option 5	Option 5	Option 5	For the beginners like us the talk was very informative and useful
5/18/2022	lorne1pso0@	Lorne Lopa	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	
5/18/2022	andresandee	Anden Sandee	Option 4	Option 4	Option 4	Option 4	Option 4	Option 4	Option 4	Option 4	No
5/18/2022	ganeshramk@	Ganesh Ram Kurty	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	
5/18/2022	anitsann24@	Dr Anita Sann	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	
5/18/2022	digvijaydip@	Digvijendra Kumar Gehan	Option 4	Option 4	Option 4	Option 4	Option 4	Option 4	Option 4	Option 3	Excellent lecture but basics of XRD and interpretation without software should be included.
5/18/2022	yugboodipat@	Yugboodh Patte	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	
5/18/2022	akshayais16	Akshaya R	Option 5	Option 5	Option 5	Option 4	Option 5	Option 5	Option 5	Option 5	Nothing
5/18/2022	rajanshu123@	Rajanshu mohanty	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Very nice presentation
5/18/2022	satishdinesh	Satishree Satish	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Session was very informative
5/18/2022	paikarajaj@	Rajashree Paikaraj	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Very informative session
5/18/2022	rajanshu123@	Rajanshu mohanty	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Nice presentation
5/18/2022	Samaajee@	Sama jehan	Option 3	Option 3	Option 3	Option 3	Option 3	Option 3	Option 3	Option 3	
5/18/2022	demodanede@	Demodanede Komalreddy	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	
5/18/2022	abhisad@	Abhishek Kumar	Option 4	Option 4	Option 4	Option 5	Option 4	Option 4	Option 5	Option 5	
5/18/2022	skumar@	Anuj Kumar	Option 5	Option 4	Option 4	Option 4	Option 4	Option 5	Option 5	Option 5	
5/18/2022	sonjaydubey@	Sachin Singh	Option 4	Option 5	Option 4	Option 3	Option 4	Option 4	Option 4	Option 4	
5/18/2022	pankajsharma	PAWAN KUMAR	Option 5	Option 5	Option 5	Option 5	Option 4	Option 4	Option 4	Option 4	
5/18/2022	vishayy@	Vijay Sharma	Option 4	Option 4	Option 4	Option 4	Option 4	Option 4	Option 4	Option 4	Nice

Form Responses 1

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(1) WhatsApp | Invitation to deliver invited talk | Feedback - Google Drive | Feedback Dr. Manoranjan Kar

docs.google.com/spreadsheets/d/1rHhH3k3d_9XTDS2tdLyfuaEHuOy613WHM69xKUG8/edit#gid=596234131

Feedback Dr. Manoranjan Kar (Responses)

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Timestamp	Email	Name of Participant	1 Content	2 Releva	3 Clarity of	4 Presenta	5 Presentation	6 Language	7 Participative	8 Effective	9 Any suggestions
5/19/2022	aspl@adn@	Ardhana Jena	Option 5	Option 3	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	
5/19/2022	lekshmi91@	LEKSHMI SAHU	Option 3	Option 3	Option 4	Option 4	Option 4	Option 4	Option 4	Option 4	
5/19/2022	tanmud2911@	Tanmu verma	Option 1	Option 2	Option 2	Option 2	Option 2	Option 1	Option 2	Option 2	Very nice speech
5/19/2022	manojit.manoj@	Dr. Manojit De	Option 6	Option 5	Option 5	Option 4	Option 4	Option 5	Option 5	Option 5	It was really nice talk
5/19/2022	raashu.dubey	Raashri Sharma	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Very interesting and informative lecture
5/19/2022	ba4990@	Batol Abbas	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	
5/19/2022	kamleshchak@	Kamlesh Thakur	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	this type of workshop should be organised physical mode.
5/19/2022	pp4574@	P. PRAVEEN	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	
5/19/2022	demodanede@	Komalreddy Demodanede	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	
5/19/2022	premagupta7@	Prema Gupta	Option 3	Option 1	Option 2	Option 1	Option 1	Option 5	Option 1	Option 1	
5/19/2022	himanshu@	Himanshu Raj Sikka	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	
5/19/2022	shalishibhami	Shalish Bhami	Option 4	Option 4	Option 3	Option 3	Option 3	Option 4	Option 4	Option 4	
5/19/2022	both1205g@	BOOTH RAM CHAOHAN	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	It was nice
5/19/2022	nitya228@	Naitika Yadav	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	
5/19/2022	shauravkhar	SHASHANK SHARMA	Option 5	Option 5	Option 4	Option 5	Option 5	Option 5	Option 5	Option 5	Very impressive lecture
5/19/2022	preet119@	Dr. Preet Soni	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Good topic coverage
5/19/2022	rajanshu123@	Rajanshu mohanty	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Nice presentation and very effective
5/19/2022	anitsann24@	Dr Anita Sann	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	
5/19/2022	devangan1@	Bhupendra Kumar Dewa	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	
5/19/2022	yugboodipat@	Yugboodh Patte	Option 5	Option 4	Option 4	Option 4	Option 4	Option 4	Option 3	Option 4	
5/19/2022	harjandhoo@	Dr. Harjendra Bhatia	Option 4	Option 4	Option 4	Option 4	Option 4	Option 4	Option 4	Option 4	
5/19/2022	chanchal@	Dr. Chanchal Chaturvedi	Option 4	Option 4	Option 4	Option 4	Option 4	Option 4	Option 4	Option 4	
5/19/2022	raashu.nayak	Raashri J Nayak	Option 6	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Nil
5/19/2022	skumar@	Anuj Kumar	Option 5	Option 5	Option 4	Option 4	Option 4	Option 5	Option 4	Option 4	
5/19/2022	senjaydubey2	Dr. Senjay Kumar Dubey	Option 4	Option 3	Option 3	Option 3	Option 3	Option 3	Option 3	Option 3	
5/19/2022	praveenthor@	Praveen Kumar Litoriya	Option 5	Option 5	Option 5	Option 5	Option 4	Option 4	Option 4	Option 4	
5/19/2022	paikarajaj@	Raashree Paikaraj	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	

Form Responses 1

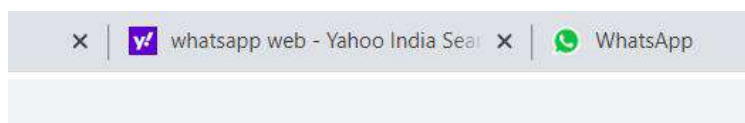
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Feedback Dr. Rout (Responses)													
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Timestamp													
1	Email		Name of Participant		1. Content of th	2. Relevance	3. Clarity of # 4	Presentz	5. Presentation style-into	6. Language of the Talk	7. Participative (Maximum	8. Effective (Maximum	5 Any suggestions
2	sanjaydubey2191@gmail.com		Dr Sanjay Kumar Dubey		Option 2	Option 4	Option 4	Option 4	Option 4	Option 4	Option 4	Option 4	
3	sanjha@gmail.com		Sachin Singh		Option 4	Option 4	Option 3	Option 4	Option 2	Option 4	Option 4	Option 4	
4	rashmi.dubey30@gmail.com		Rashmi Sharma		Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Very effective session
5	charu.verma855@gmail.com		Charu verma		Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 4	Option 5	
6	chakrabarti@gmail.com		SHASHANK SHARMA		Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Very impressive lecture and great conducted sessions
7	ushakathore@gmail.com		Usha Rathore		Option 4	Option 4	Option 4	Option 3	Option 4	Option 4	Option 4	Option 3	
8	manoj.manraj1@gmail.com		Dr Manoj De		Option 5	Option 5	Option 5	Option 5	Option 5	Option 4	Option 5	Option 5	Good one
9	diprakashnivas@gmail.com		Dr prakashnivas		Option 4	Option 4	Option 4	Option 4	Option 4	Option 4	Option 4	Option 4	Nice presentation
10	priyanshu1010@gmail.com		Rashmi priya toppe		Option 5	Option 5	Option 5	Option 5	Option 4	Option 4	Option 5	Option 5	
11	anitasarin24@gmail.com		Dr Anita Sarin		Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	
12	vijay.phy@gmail.com		Vijay Sharma		Option 4	Option 4	Option 4	Option 4	Option 4	Option 4	Option 4	Option 4	Nice
13	andansandeep@gmail.com		Andam Sandeep		Option 4	Option 5	Option 4	Option 3	Option 4	Option 5	Option 4	Option 4	No
14	kritika.110621@gmail.com		Kritika jain		Option 4	Option 4	Option 4	Option 4	Option 5	Option 5	Option 5	Option 4	
15	preetk19@gmail.com		Dr Preet Soni		Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Very Commendable
16	vikasguthare123@gmail.com		Dr Vikas Guthare		Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Nice presentation
17	pushpanjanipatel@gmail.com		Pushpanjan Patel		Option 5	Option 5	Option 4	Option 4	Option 5	Option 5	Option 4	Option 5	
18	Denshu30121@gmail.com		Omishi Kumar		Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	
19	sushashreesah@gmail.com		Sushashree Sahoo		Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Extremely good
20	satapathysushree@gmail.com		Sushree Sangita Satapal		Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	
21	peaksar@gmail.com		Ragshree Peaksar		Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Very informative session
22	pawaninimal@gmail.com		PRIYAN KUMAR		Option 5	Option 5	Option 5	Option 5	Option 4	Option 5	Option 4	Option 5	
23	Sarmaguthare123@gmail.com		Sarmaguthare		Option 3	Option 3	Option 3	Option 3	Option 3	Option 3	Option 3	Option 3	
24	dhwangon365@gmail.com		Dhwangon Kumar Dew		Option 5	Option 4	Option 4	Option 5	Option 5	Option 5	Option 5	Option 5	
25	vikasr91@gmail.com		LEKHAN SAHU		Option 2	Option 3	Option 2	Option 2	Option 2	Option 3	Option 2	Option 3	
26	promagupta724@gmail.com		Proma Gupta		Option 1	Option 1	Option 2	Option 3	Option 3	Option 5	Option 5	Option 1	Very good
27	dhananjay02123@gmail.com		LAL DHANANJAY		Option 4	Option 4	Option 5	Option 5	Option 5	Option 4	Option 5	Option 4	
28	damodarreddy@gmail.com		Damodarreddy		Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	

Feedback Dr. Khare (Responses)													
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Timestamp													
1	Email		Name of Participant		1. Content c 2. Relevance	3. Clarity c 4. Presentz	5. Presentation style-into	6. Language of the Talk	7. Participative (Maximum	8. Effective (Maximum	5 Any suggestions		
2	dashanwasha97@gmail.com		Choudhury Anwesha Das		Option 5	Option 4	Option 4	Option 5	Option 5	Option 5	Option 5		
3	pp4974@gmail.com		P. PRAVEEN		Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5		
4	maheshdash112@gmail.com		Mahesh Dash		Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5		
5	andansandeep55@gmail.com		Andam Sandeep		Option 5	Option 5	Option 4	Option 4	Option 5	Option 4	Option 4	no	
6	satapathysushree2000@gmail.com		Sushree Sangita Satapal		Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5		
7	monalidash56@gmail.com		Monalisa Dash		Option 5	Option 5	Option 4	Option 4	Option 5	Option 5	Option 5	It was awesome	
8	anitasarin24@gmail.com		Dr Anita Sarin		Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5		
9	lekhans1@gmail.com		LEKHAN SAHU		Option 4	Option 4	Option 4	Option 3	Option 4	Option 4	Option 4		
10	sushashreesah@gmail.com		ARBAZ SHREKH		Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5		
11	ishwaripatel@gmail.com		Dr Ishwar Patel		Option 4	Option 4	Option 4	Option 4	Option 4	Option 4	Option 4		
12	diprakashnivas1@gmail.com		Dr prakashnivas		Option 4	Option 4	Option 4	Option 4	Option 4	Option 4	Option 4	Nice presentation	
13	dewangan365@gmail.com		Dhwangon Kumar Dew		Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5		
14	vaishalverma1807@gmail.com		Vaishali Verma		Option 1	Option 1	Option 1	Option 1	Option 1	Option 1	Option 1		
15	sanjaydubey196@gmail.com		Dr Sanjay Kumar Dubey		Option 3	Option 3	Option 3	Option 3	Option 3	Option 3	Option 3		
16	lorae.lipsa00@gmail.com		Loree Lipsa		Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5		
17	vijay.phy@gmail.com		Vijay Sharma		Option 4	Option 4	Option 4	Option 4	Option 4	Option 4	Option 4	Nice	
18	rashmi.dubey30@gmail.com		Rashmi Sharma		Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	All the six day lectures are very effective and informative	
19	sanjayparganah@gmail.com		Dr. Sanjay Parganah		Option 4	Option 3	Option 4	Option 3	Option 3	Option 2	Option 4		
20	sushashreesah55@gmail.com		Sushashree Sahoo		Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Session was very informative	
21	daseri.svathi67@gmail.com		DASARI SVATHI		Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5		
22	ushakathore@gmail.com		Usha Rathore		Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5		
23	Sauravkumarhacoldude@gmail.com		Saurav Kumar Jha		Option 5	Option 5	Option 5	Option 5	Option 5	Option 4	Option 5	Everything was very helpful for us this type of workshop should be conduct in physical mode. here also very informative.	
24	kamleshthakur@gmail.com		Kamlesh Thakur		Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Option 5	Very informative lecture	
25	premsagupta724@gmail.com		PRIYAN GUPTA		Option 1	Option 1	Option 1	Option 2	Option 1	Option 1	Option 1		
26	premsagupta724@gmail.com		SOMYA DEWANGAN		Option 6	Option 4	Option 5	Option 4	Option 5	Option 5	Option 5		
27	jyashraj@gmail.com		Mohd Jyash		Option 5	Option 5	Option 5	Option 4	Option 4	Option 4	Option 4		

Media Coverage

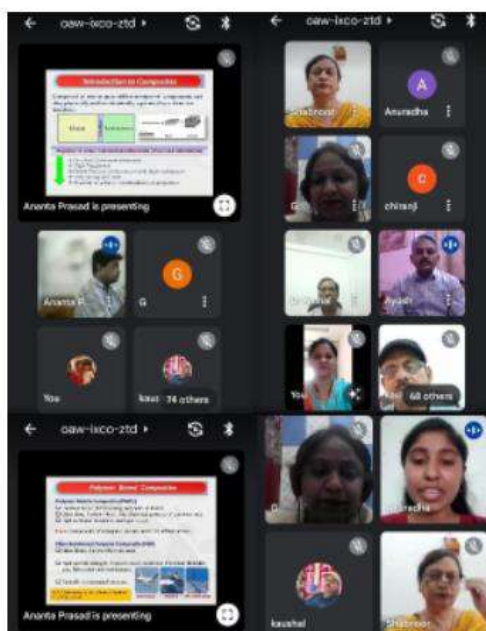


CHHATTISGARH

शासकीय महाविद्यालय धरसीवा में छः दिवसीय राष्ट्रीय स्तर कार्यशाला का हुआ शुभारंभ

By Ayan News - May 21, 2022

Time to Read: 1 min - 193 words



शासकीय महाविद्यालय धरसीवा में छः दिवसीय राष्ट्रीय स्तर कार्यशाला का हुआ शुभारंभ

भौतिक शास्त्र विभाग पंडित श्यामाचरण शुक्ला महाविद्यालय धरसीवा, रायपुर एवं सीवी रमन ग्लोबल यूनिवर्सिटी धुनेश्वर के संयुक्त तत्त्वधान में राष्ट्रीय स्तर की कार्यशाला का आयोजन किया गया। Advanced characterization Tools: Fundamentals and application विषय पर आयोजित इस कार्यशाला के उदघाटन सत्र में देश के विभिन्न विश्वविद्यालयों, महाविद्यालयों एवं शोध संस्थानों से वैज्ञानिक, विषय विशेषज्ञ, शिक्षाविद, शोधार्थी एवं स्नातकोत्तर कक्षाओं के छात्र सम्मिलित हुए। मुख्य अतिथि के रूप में राष्ट्रीय प्रौद्योगिकी संस्थान रायपुर से जुड़े डॉ. आयुष खरे ने कार्यशाला की प्रासंगिक एवं वर्तमान समय में नए शोधार्थियों के लिए अत्यंत आवश्यक बताया। कार्यशाला की रूपरेखा एवं विषय वस्तु के बारे में क्रमशः डॉक्टर जी. नाग भार्गवी (संयोजक) एवं डॉ. तन्मय बड़ापांडा (सहसंयोजक) ने जानकारी दी। छ दिवसीय इस कार्यशाला में पदार्थ विज्ञान के विभिन्न तकनीकों पर विषय विशेषज्ञों द्वारा चर्चा की जाएगी। देशों के विभिन्न राज्यों और विश्वविद्यालयों से जुड़े शोधार्थियों को लाभ पहुंचाने के उद्देश्य से इस कार्यशाला का आयोजन किया जा रहा है। महाविद्यालय की प्राचार्य डॉक्टर शबनूर सिद्दीकी ने इस आयोजन हेतु आयोजन समिति को शुभकामनाएं दी। कार्यक्रम में डॉ. कौशल किशोर शर्मा, डॉ. निधि देवान, श्री हेमंत देसामुख, चारु वर्मा आदि शामिल थे।



Youtube Links to the program

Day-1 <https://youtu.be/by0ijco7XQ0>

Day -2 <https://youtu.be/XulZzsAK20c>

Day-3 <https://youtu.be/kCbhQerrpHs>

Day-4 https://youtu.be/xMBJ4_UkI84

Day-5 <https://youtu.be/gd8-spXRWYw>

Day-6 <https://youtu.be/AWOZSuP-3r0>

**Virtual workshop on
“Advanced Characterization Tools: Fundamentals and
Applications”**

16th – 21st May 2022

Jointly organized by-
Dept. of Physics, Pt. Shyamacharan Shukla College Dharsiwa, Raipur
&
Dept. of Physics, C V Raman Global University, Bhubaneswar

INAUGURAL FUNCTION

Time: 12:00 Noon -12:30 PM

Invocation	12:00 Noon
Welcome Address Dr. Shabnoor Siddiqui - Principal/Patron	12:00 – 12: 05 PM
Address by the Chief Guest Dr. Ayush Khare <i>Associate Professor</i> <i>Department of Physics</i> National Institute of Technology, Raipur (CG)	12:05 – 12: 15 PM
Outline of the workshop Dr. G Nag Bhargavi - (Convenor)	12:15 – 12: 20 PM
Theme of the workshop Dr. Tanmaya Badapanda (Co-convenor)	12:20 – 12: 25 PM
Vote of Thanks Shri. Kaushal Kishore	12:25 – 12: 30 PM

Technical program

Date	Time	Remarks
16.05.2022 (Monday)	12:30-2:00PM	Characterization techniques involved for FRP composite exposed to various stringent exposing environments <i>Speaker- Dr. Ananta Prasad Chakraverty</i> <i>Gangadhar Meher University, Sambalpur, Odisha</i>
17.05.2022 (Tuesday)	12:00-1:30PM	Topic- Photoluminescence- basics and applications <i>Speaker- Dr. Kamal Panday,</i> <i>Sri Jai Narain Mishra PG College (K.K.C.)</i> <i>An Associate College of University of Lucknow</i>
18.05.2022 (Wednesday)	12:00-1:30PM	Topic-X-ray diffraction <i>Speaker- Dr. Satya Narayan Tripathy,</i> <i>Sri Sri University, Cuttuck</i>
19.05.2022 (Thursday)	12:00-1:30PM	Topic- Electron Microscopy <i>Speaker- Dr. Manoranjan Kar,</i> <i>Indian Institute of Technology, Patna</i>
20.05.2022 (Friday)	12:00-1:30PM	Topic- Impedance Spectroscopy <i>Speaker- Prof. S K Rout,</i> <i>Birla Institute Technology, Mesra</i>
21.05.2022 (Saturday)	12:00-1:30PM	Topic- Thin film deposition & UV-Visible/IR Spectroscopy <i>Speaker- Dr. Ayush Khare,</i> <i>National Institute of Technology, Raipur</i>
	1:30- 2:00PM	Valedictory session

Google meet Link- <https://meet.google.com/oaw-ixco-ztd>



Virtual Workshop On “Advanced Characterization Tools: Fundamentals & Applications”



16th -21st May 2022

Jointly Organizing by : Dept. of Physics, Govt. Pt. Shyamacharan Shukla College, Dharsiwa, Raipur & Dept. of Physics, C V Raman Global University, Bhubaneshwar

About the Workshop

The workshop will mainly focus on the fundamental aspects and latest developments in the field of characterization tools for materials research. It aims to provide the in-depth understanding about the fundamental knowledge and technical aspects to various characterization tools and how these techniques can be employed to have a better understanding in probing materials behavior and their structure property correlation. This workshop will be much beneficial to faculty members, young researchers, students and working professionals in the field of material science and also to other allied disciplines to disseminate knowledge about the various applied characterization tools.

Registration Fee

- Faculty/ Scientists : Rs.100
- Research Scholars : Rs. 50
- Student : Rs. 50

Online Payment Details :

Name: Principal Govt. Pt. Shyamacharan Shukla College

Bank: Bank of Baroda

A/c no. – 86880 10000 3006

IFSC Code – BARB0DBDHR

Topic to be Covered

1. UV-Vis Absorption Spectroscopy /IR Spectroscopy
2. X-ray Diffraction
3. Photoluminescence
4. Impedance spectroscopy
5. Electron Microscopy
6. Thin film deposition

Registration Link: <https://forms.gle/XFbmAKtredbs6dHA7>

Last Date: 15.05.2022

**Patron /principal
Dr. Shabnoor Siddiqui**

Govt. Pt. Shyamacharan Shukla College, Dharsiwa, Raipur

Dr. G. Nag Bhargavi
(Convenor)
GPSSC, Dharsiwa

Dr. Tanmaya Badapanda
(Co-convenor)
CVRGU, Bhubaneshwar

Dr. Nidhi Dewangan
(Co-ordinator)
GPSSC, Dharsiwa

Virtual Workshop On “Advanced Characterization Tools: Fundamentals & Applications” (16th - 21st May 2022)

Program Schedule

Date	Time	Remarks
16.05.2022 (Monday)	12:00PM-12:30PM	Inauguration
	12:30PM-2:00PM	Keynote Address: <i>Speaker- Prof. P K Bajpai, Guru Ghasi Das Central University, Bilaspur</i>
17.05.2022 (Tuesday)	12:00PM-1:30PM	Topic-X-ray diffraction <i>Speaker- Dr. Satya Narayan Tripathy, Sri Sri University, Cuttuck</i>
18.05.2022 (Wednesday)	12:00PM-1:30PM	Topic- Photoluminescence- basics and application <i>Speaker- Dr. Kamal Panday, Sri Jai Narain Mishra PG College (K.K.C.) An Associate College of University of Lucknow</i>
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20.05.2022 (Friday)	12:00PM-1:30PM	Topic- Impedance Spectroscopy <i>Speaker- Prof. S K Rout, BIT Mesra</i>
21.05.2022 (Saturday)	12:00PM-1:30PM	Topic- Thin film deposition & UV-Visible/IR Spectroscopy <i>Speaker- Dr. Ayush Khare, NIT, Raipur</i>
	1:30PM-2:00 PM	Valedictory session

Contact us- 9981373012, 8878427915, 7978992841
bhargavi.nag24@gmail.com

All registered participants will get Certificate.

Govt. Pt. Shyamacharan Shukla College Dharsiwa Raipur (CG)

Report of
National Seminar on Characterization and Processing of Advanced Materials
(NSCPAM-2021)
26th June 2021

Department of Physics has organized National Seminar on 26th of June 2021. The program was conducted virtually (online) through Google Meet. The program was conducted in six different sections namely, Pre-seminar talk, Inaugural function, Technical session-1, technical session-2, technical session-3 and Poster presentations. In the inaugural function the Chief guest was honourable Prof. K L Verma, vice-chancellor, Pt. Ravishankar Shukla University, Raipur (CG) and presided by respected principal Prof. Vinod Sharma. The inaugural function was started at 11:00 am by worshipping goddess Saraswati, followed by the welcome address by principal Prof. Vinod Sharma. Chief guest Prof. K L Verma congratulated the principal and staff of department of Physics and faculty of science for organizing the seminar in spite of limitations due to Pandemic due COVID-19. Convenor of the seminar Dr. G Nag Bhargavi, Assistant prof. department of Physics introduced the sessions with objectives and themes of the seminar. She also briefed the relevance of the topic in the present scenario. In the end Dr. Nidhi Dewangan, Assistant prof. department of Mathematics gave vote of thanks. Before the inaugural session there was Pre-seminar talk given by Dr. Tanmaya Badapanda, associate prof. Department of Physics, C V Raman Global University, Bhubaneshwar, Odisha. He explained on “Fundamental of Piezoelectric coefficients and its impact on energy harvesting”. In this seminar on our call 85 participants have registered from 18 different states of the country. 60 abstracts were submitted by participants out of which there are invited talks, 18 oral talks and 39 poster presentations.

Technical Session-1 (11:30 am-1:00 pm)

In the first technical session there were two invited talks. The first talk was delivered by Dr. Nimai Pathak, Scientist E, Radiochemistry Division, Bhabha Atomic Research Centre, Mumbai on “Recent progress on piezo-photonic class of materials for application in emerging flexible optoelectronics devices”. The second talk by delivered by Dr. Manoranjan Kar, Associate professor, Department of Physics, Indian Institute of Technology Patna, Bihta, Patna on the topic “Magnetic properties of composites derived from magnetic oxides”. The session was chaired by prof. Anjali Oudhia, Professor and Head, Govt. Nagarjuna PG College of Science, Raipur (CG). After this session there was lunch break of 1 hour from 2-3pm.

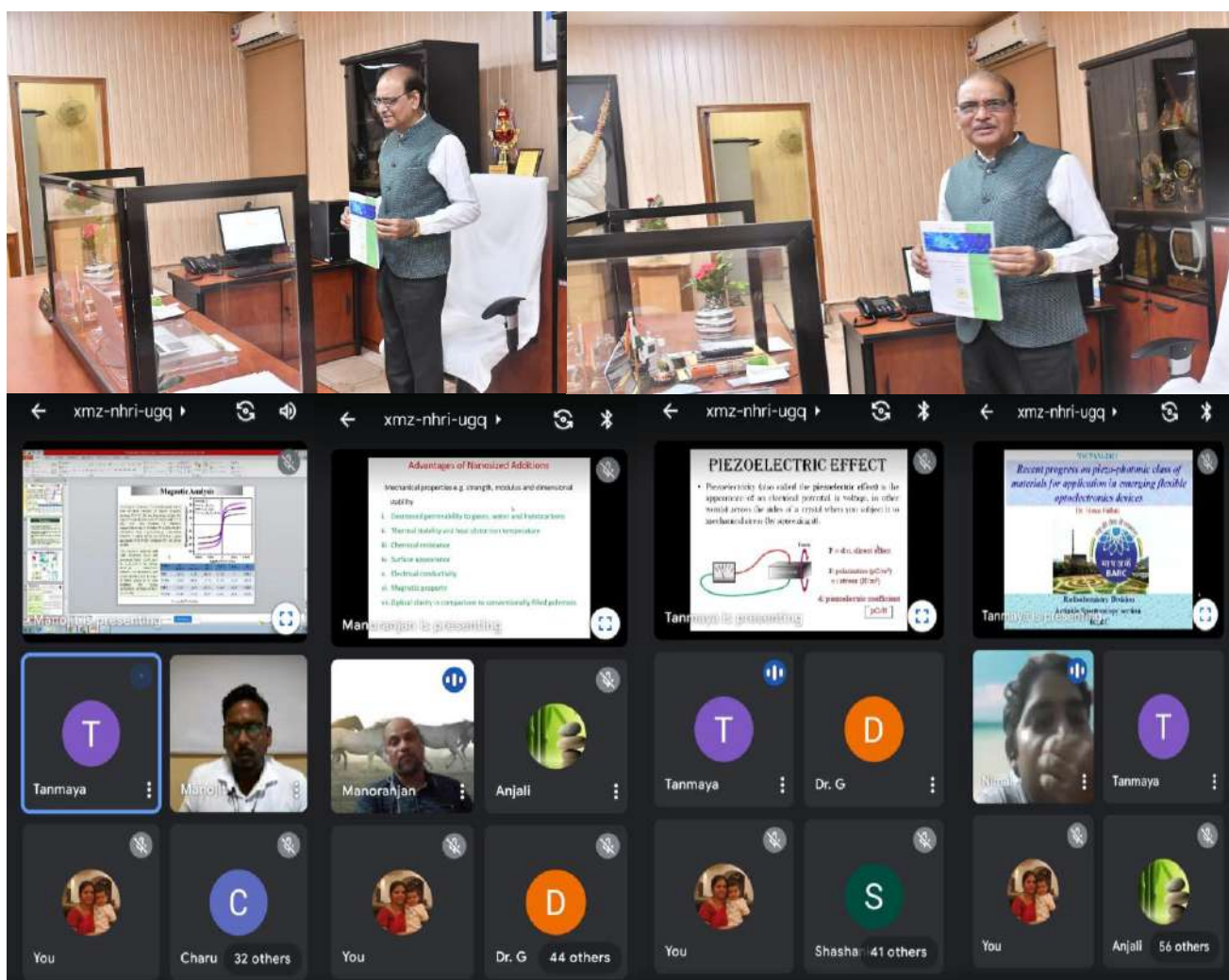
Technical Session-2 (2:00 pm- 3:30 pm) & Technical Session-3 (3:30 pm- 5:00 pm)

The second & third technical sessions were chaired by Prof. Nameeta Brahme, Professor, SOS in Physics and Astro-physics, Pt. Ravishankar Shukla University Raipur, (CG). In these sessions 18 oral talks were presented by the participants. The talks were judged by Prof. D P Bisen, Professor & Head, SOS in Physics and Astro-physics, Pt. Ravishankar Shukla University Raipur, (CG), Dr. Ayush Khare, Associate Professor, Department of Physics, National Institute of Technology, Raipur, (CG) and Dr. Tanmaya Badapanda, Associate Professor, Department of Physics, C V Raman Global University, Bhubaneshwar, Odisha.

Poster Presentations (2:30 pm- 3:30 pm)

Parallely a poster presentation session was conducted through another Gmeet link. In which 39 posters were presented by the participants. The posters were judged by Dr. Kamal Pandey, Assistant professor of Physics, Sri Jai Narain Mishra PG College (K.K.C.), An Associate College of University of Lucknow and Dr. Pankaj Tripathi, Associate professor of Physics, Shri Ramphar Shivphar Degree College, Dr. RML Awadh University, Ayodhya

Valedictory session was started at 5:30 PM. In the Valedictory the invited speakers, guest, judges and the participants gave feedback on the seminar. At last result of oral presentation and poster presentations were declared, Principal Dr. (Smt.) Vinod Sharma congratulated to all the winners and the organizing team of the seminar and all the participants. Dr. G. Nag Bhargavi presented the report of the seminar and Dr. Nidhi Dewangan gave the vote of thanks in the valedictory.



Media Coverage

रायपुर, रविवार 27 जून 2021

haribhoomi.com



रायपुर 27-06-2021

खबर संक्षेप



एक दिवसीय राष्ट्रीय शोध संगोष्ठी

रायपुर। शासकीय पं. श्यामाचरण शुक्ल महाविद्यालय में भौतिकशास्त्र विभाग द्वारा एक दिवसीय राष्ट्रीय संगोष्ठी का आयोजन किया गया। उन्नत सामग्री का लक्षण, वर्णन और प्रसंस्करण के विषय पर ऑनलाइन आयोजन गूगल मीट पर किया गया। इस कार्यक्रम में बुक ऑफ अब्सट्रैक्ट का विमोचन किया गया। संगोष्ठी में मुख्य अतिथि रविवि के कुलपति प्रो. कैएल वर्मा, महाविद्यालय के प्राचार्य डॉ. विनोद शर्मा ने कार्यक्रम का शुभारंभ किया। संगोष्ठी के संयोजक डॉ. जी. नाग भार्गवी द्वारा सेमिनार का परिचय दिया। अतिथि वक्ता डॉ. तनमय बड़ापांडा ने पीजो इलेक्ट्रिक मटेरियल की डिजाइनिंग प्रोसेसिंग और ऊर्जा के क्षेत्र में उपयोगिता पर चर्चा की।

भौतिक विभाग में संगोष्ठी

धरसीवा | भौतिक शास्त्र विभाग शासकीय पण्डित श्यामाचरण शुक्ल महाविद्यालय धरसीवा द्वारा एक दिवसीय राष्ट्रीय शोध संगोष्ठी का ऑनलाइन आयोजन गूगल मीट पर किया गया। मुख्य अतिथि रविशंकर शुक्ल विश्वविद्यालय रायपुर के कुलपति प्रो. के एल वर्मा रहे। प्राचार्य डॉ विनोद शर्मा के उद्बोधन से कार्यक्रम का शुभारंभ किया गया। संगोष्ठी की संयोजक डॉ जी. नाग. भार्गवी ने सेमिनार की विषय वस्तु का परिचय दिया। कार्यक्रम में अतिथि वक्ता डॉ तनमय बड़ापांडा (भुवनेश्वर) थे।

प. श्यामाचरण शुक्ल महाविद्यालय धरसीवा द्वारा एक दिवसीय राष्ट्रीय शोध संगोष्ठी

धरसीवा :- दिनांक 26/06/2021 को भौतिक शास्त्र विभाग शासकीय पण्डित श्यामाचरण शुक्ल महाविद्यालय धरसीवा द्वारा एक दिवसीय राष्ट्रीय शोध संगोष्ठी का ऑनलाइन आयोजन गूगल मीट पर किया गया इस संगोष्ठी में मुख्य अतिथि के रूप में पण्डित रविशंकर शुक्ल विश्वविद्यालय रायपुर के कुलपति माननीय प्रोफेसर के एल वर्मा रहे एवं महाविद्यालय की प्राचार्य महोदया डॉ विनोद शर्मा के उद्बोधन से कार्यक्रम का शुभारंभ किया गया। संगोष्ठी की संयोजक डॉ जी. नाग. भार्गवी द्वारा सेमिनार के विषय वस्तु का परिचय दिया गया इसके साथ ही बुक ऑफ अब्सट्रैक्ट का विमोचन किया गया। कार्यक्रम में अतिथि वक्ता डॉ तनमय बड़ापांडा (भुवनेश्वर) ने पीजो इलेक्ट्रिक मटेरियल की डिजाइनिंग प्रोसेसिंग और ऊर्जा संरक्षण के क्षेत्र में उपयोगिता पर चर्चा की अतिथि वक्ता डॉ निमाई पाठक (भाभा अटॉमिक रिसर्च सेंटर) ने ऑप्टो इलेक्ट्रॉनिक डिवाइस के आधुनिक जीवन में उपयोगिता पर व्याख्यान दिया। आई.आई.टी पटना से अतिथि वक्ता के रूप में जुड़े डॉ मनोरंजन कर ने आधुनिक मटेरियल्स और कम्पोजिट मटेरियल्स की आवश्यकता पर चर्चा की। कार्यक्रम में कई राज्यो से शोधार्थियों ने शोधपत्र प्रस्तुत किये। कार्यक्रम में डॉ डी पी बिसेन, डॉ नमिता ब्राम्हे, डॉ आयुष खरे, डॉ पंकज त्रिपाठी, डॉ कमल पांडेय, डॉ अंजलि अवधिध्या निर्णायक मंडल में शामिल थे। कार्यक्रम में संस्था के सभी प्राध्यापक उपस्थित थे एवं डॉ निधि देवांगन ने धन्यवाद ज्ञापन किया।

**GOVT. PT. SHYAMACHARAN SHUKLA COLLEGE DHARSIWA
RAIPUR, (CG)**

DEPARTMENT OF PHYSICS

**National Seminar on
“Characterization and Processing of Advanced Materials”
(NSCPAM-2021)**

June 26, 2021

INAUGURAL FUNCTION

Time: 11:00 AM-11:30 AM

Invocation
Welcome Address Dr. Vinod Sharma - Principal
Address by the Chief Guest Prof. K L Verma <i>Honorable Vice- Chancellor</i> Pt. Ravishankar Shukla University, Raipur, Chhattisgarh
Release of Book of Abstracts
Theme of the Seminar Dr. G Nag Bhargavi - Convener
Vote of Thanks Dr. Nidhi Dewangan - Organizing Secretary

**GOVT. PT. SHYAMACHARAN SHUKLA COLLEGE DHARSIWA
RAIPUR, (CG)**

DEPARTMENT OF PHYSICS

**National Seminar on “Characterization and Processing of Advanced Materials”
NSCPAM-2021**

June 26, 2021

Technical program

10:00-10:45 AM	Pre-Seminar Talk Fundamental of Piezoelectric coefficients and its impact on energy harvesting by Dr. Tanmaya Badapanda <i>Department of Physics, C V Raman Global University, Bhubaneswar</i>	
11:00-11:30 AM	INAUGURAL CEREMONY	
Technical session -1 Session chair: Dr. Anjali Oudhia		
11:30-12:15 PM	IT-1	Recent progress on piezo-phonic class of materials for application in emerging flexible optoelectronics devices by Nimai Pathak <i>Radiochemistry Division, Bhabha Atomic Research Centre, Mumbai</i>
12:15 - 1:00 PM	IT-2	Magnetic properties of composites derived from magnetic oxides by Manoranjan Kar <i>Indian Institute of Technology Patna, Bihta, Patna</i>
1: 00 - 2: 00 PM	<u>LUNCH</u>	
Technical session -2 Session chair: Dr. Nameeta Brahme		
2:00 - 2:10 PM	OT-1	Manojit De <i>Synthesis, Structural investigation, Vibrational, Magnetic properties of doped Nickel Ferrite by the Auto combustion method</i>
2:10 - 2:20 PM	OT-2	Shishir Shukla, Bhupendra Pratap Singh, Rajiv Manohar and Kamal Kumar Pandey <i>Electro-optical properties of nematic liquid crystal doped with TiO₂ nanoparticles</i>
2: 20 - 2: 30 PM	OT-3	Bhupendra Pratap Singh, Che-Ju Hsu², Chi-Yen Huang and Rajiv Manohar <i>Fast-response large aperture liquid crystal lens using organic and inorganic nanocomposite</i>
2: 30 - 2: 40 PM	OT-4	Kalpana R. Nagde <i>Comparative Study on formation of Lanthanum Strontium Manganite with different percentage of pore former</i>

2: 40 - 2: 50 PM	OT-5	Shailesh M. Zingare, Smita A. Acharya <i>Understanding dielectrics phase transitions in AlFeO_3: As multifunctional semiconductor</i>
2: 50 - 3: 00 PM	OT-6	Chinmayee Dash and Dillip Kumar Bisoyi <i>Dielectric and Mechanical Study of Microwave Irradiated Sunn Hemp Reinforced Composite in Connection with Fine Structure of the Fiber</i>
3: 00 - 3: 10 PM	OT-7	Tripti Richhariya, Nameeta Brahme, D.P. Bisen <i>Energy transfer mechanism and luminescence properties of Ce/Dy doped Strontium aluminosilicate phosphor</i>
3: 10 - 3:20 PM	OT-8	Sumit Yadav and Praveen Malik <i>Impact of Size and Concentration of Nanoparticles on Blue Phase Liquid Crystals Stability and Electro-Optical Behaviour</i>
3: 20 - 3:30 PM	OT-9	Purnima Mishra, Rajmani Patel, Dakeshwar Kumar Verma <i>Raman Spectroscopy as effective and prominent for nitrate detection in environmental samples</i>
Technical session -3 Session chair: Dr. D P Bisen		
3: 30 - 3:40 PM	OT-10	Pyare Lal <i>An Extensive Investigation on Optical Characteristics of III-V Material InAlGaAs/InP under NQLs</i>
3: 40 - 3:50 PM	OT-11	Pawan Kumar, Dharm Veer, Deshraj Singh, Aravind Kumar, Ram S Katiyar <i>Ionic Conductivity and Thermal Studies of $\text{CsH}_2\text{PO}_4(\text{CDP})/\text{NaH}_2\text{PO}_4(\text{SDP})/\text{ZrO}_2$ Composite Electrolytes for Fuel Cell</i>
3: 50 - 4:00 PM	OT-12	Pawan Kumar, Prosenjit Sarkar, Nisha Kumari, Sachin Singh, Devendra Kumar, Arvind Kumar, Ram S Katiyar <i>Study of Structural and Optical Properties of Pulsed Laser Deposited ZnSe Thin Films on Al_2O_3 Substrate at Different Annealing Temperatures</i>
4: 00 - 4: 10 PM	OT-13	Pawan Kumar, Nisha Kumari, Prosenjit Sarkar, Sachin Singh, BCK Mishra, Ram S Katiyar <i>Effect of Different Annealing Temperatures on Surface Topological and Optical Properties of Pulsed Laser Deposited ZnO Thin Film</i>
4: 10 - 4:20 PM	OT-14	Samiksha Sikarwar <i>Synthesis and characterization of highly porous hexagonal shaped $\text{CeO}_2\text{-Gd}_2\text{O}_3\text{-CoO}$ nanocomposite and its opto-electronic humidity sensing</i>
4: 20 - 4: 30 PM	OT-15	Debojyoti Nath <i>Impact of SHI irradiation on microstructural parameters of CdSe nanocrystals</i>
4: 30 - 4: 40 PM	OT-16	Ayushi Patel, Robert C. Pullar, Rajshree B. Jotania <i>Structural and Dielectric properties of In^{+3} substituted X-type Barium zinc hexagonal ferrites</i>

4: 40 - 4: 50 PM	OT-17	Nabanita Pal <i>Scope and future prospects of porous metal oxide nanocomposites</i>
4: 50 - 5: 00 PM	OT-18	Lekha Verma, Ayush Khare <i>Structural and optical studies of as-deposited and annealed CdTe thin films synthesized by electrodeposition method</i>
5:15 - 5:30 PM	Valedictory and Result Declaration	

POSTER PRESENTATIONS

(1:30 PM – 2:30 PM)

1	PP-1	Anamika Dwivedi, K N Singh and P K Bajpai <i>Ferroelectric relaxor behaviour and Dielectric relaxation in $Sr_xBa_{1-x}Nb_2O_6$</i>
2	PP-2	Rashmi Sharma <i>Synthesis and Characteristics of TLD materials: Review</i>
3	PP-3	Vandana Rathore <i>Green composites materials and application</i>
4	PP-4	D. K. Golhani, B. Gopal Krishna, Ayush Khare, S. A. H. Zaidi <i>Comparative study between artificial and natural methods of nanoparticle synthesis</i>
5	PP-5	Rashmi Jain, S. K. Shrivastava, A. K. Shrivastava <i>Estimation of electrical conductivity, organic carbon and nutrients in river Arpa based soil</i>
6	PP-6	Preeti Soni <i>Determination of Arsenic, Antimony, Lead and Physiological Parameters in Groundwater of Bhatapara (CG)</i>
7	PP-7	Usha Rani Singh <i>A brief review: Agro-industrial residues and their utilization using solid state fermentation</i>
8	PP-8	Santosh Kumar Verma <i>High-flux fabrication of conformal perovskite thin film via plasma spray-physical vapor deposition</i>
9	PP-9	Rameshwari Verma <i>Realizing high stable Sn-based perovskite solar cells by a dual-hydrogen bond and transition elements co-doping engineering</i>
10	PP-10	Vikas Gulhare, R. S. Kher and S. J. Dhoble <i>Mechanoluminescence characterization of gamma irradiated to Tb doped $Mg(VO_3)_2$ phosphors</i>
11	PP-11	B. Verma, V. Jena <i>Judd-Ofelt Parameters Calculation of Europium Activated Barium Magnesium Silicate Phosphors</i>
12	PP-12	Prasanna Kumar Sharma <i>Advanced Material for Waste Treatment and Environmental Cleaning</i>

13	PP-13	Prasanna Kumar Sharma <i>Polymers in daily life and their Environmental Effect</i>
14	PP-14	Prasanna Kumar Sharma <i>New Advancement in municipal Solid Waste Management and Suggested Planning</i>
15	PP-15	Kishore Janardhan Patil <i>Isolation Arbuscular mycorrhizai from Banana rhizome and rhizosphere soil</i>
16	PP-16	D. K. Pandey, Manisha Dewangan, Anubhuti Koshle, Hitendar Kumar Lautre <i>Pesticides Detection Techniques and its Importance</i>
17	PP-17	Prasanna Kumar Sharma <i>Sustainable use of Polymers and Biodegradation</i>
18	PP-18	Laxmi Gond and Anjali Bajpai <i>Adsorption of dyes by a 'Green' Nanocomposite</i>
19	PP-19	Kamal Kumar Pandey, Bhupendra Pratap Singh, Rajiv Manohar and Chi-Yen Huang <i>The scientific duo of rutile TiO₂ nanoparticles and nematic liquid crystal E204: Increased absorbance, Photoluminescence Quenching and improving response time for electro-optical devices</i>
20	PP-20	Keshav Kumar Singh, Poonam Tandon and Alka Misra <i>Formation Mechanism of Aminomethanol in the Interstellar Medium</i>
21	PP-21	Shridhar P M, Gurudatt Puranik <i>Soldering of copper using graphene-phosphoric gel</i>
22	PP-22	Shubham Mandal, Mrithnity Lohit Aditya, Ankit Mishra, Prasanna Kumar Sharma <i>Theoretical review study on quantum dot technology in green computer monitor</i>
23	PP-23	Pawan Kumar, Youraj Singh, G Nag Bhargavi, Anjali Oudhia <i>Synthesis and Structural Properties of Barium Calcium Zirconium Titanate (BCZT) Perovskite Ceramics</i>
24	PP-24	B. Gopal Krishna and Sanjay Tiwari <i>Recent Developments in Perovskite solar cells</i>
25	PP-25	Om Chaturvedi, Abhipsha Sahoo, Ankit Mishra, B K Singh <i>Theoretical study on nano computational simulation and its application</i>
26	PP-26	S. Behera <i>Optical, dielectric and multiferroic behavior of double perovskite Mg₂FeNbO₆</i>
27	PP-27	S. Jena and V. R. Singh <i>Thickness-dependent electronic and magnetic states of Mn and Co atoms at Mn-rich Co₂Mn_{1.20}Ge_{0.38}/MgO interfaces via soft x-ray magnetic circular dichroism</i>
28	PP-28	Poonam Bichpuria, Anjali Oudhia <i>Conformal Doping in reactive Metal Nanoparticles in CdTe QDs through Nucleation Doping Method</i>
29	PP-29	M. Zzaman, V. K. Verma, R. Shahid, V. R. Singh

		<i>Soft X-Ray Spectroscopy Study of Cr- Substituted VO₂ Thin Films</i>
30	PP-30	Usha Shukla <i>Importance of Carbone Nanotubes in Nanotechnology</i>
31	PP-31	M. Kumar, V.K. Verma and V. R. Singh <i>Magnetic Anisotropic of Thermally Evaporated FeNi Thin Film: A Soft X-Ray Magnetic Circular Dichroism study</i>
32	PP-32	Sanjay Kumar Dubey, Shashank Sharma, Sanjay Pandey <i>Modern trends on future generation smart nano materials and its properties</i>
33	PP-33	Niranjan Kumar, Digeshwari, Manju Sahu, Y. K. Mahipal <i>Electrical and Thermal Property Studies on Sodium Ion Conducting Solid Polymer Electrolyte Membranes</i>
34	PP-34	Shashank Sharma, Sanjay Kumar Dubey, Sanjay Pandey <i>Current trends and valuable properties on new emerging smart materials for sustainable environment</i>
35	PP-35	H. Nungshibabu Singh, N. Shitaljit Singh and S. Nabadwip Singh <i>Determination of trap parameters of CaSO₄:Dy material by simplified general order one trap differential equation</i>
36	PP-36	Nipom Sekhar Das, Asim Roy and Avijit Chowdhury <i>A Review on organic-inorganic semiconductor based memory devices</i>
37	PP-37	T. P. Yadav <i>Global warming and solution: role of hydrogen energy</i>
38	PP-38	V.K. Sonwane and Piyush Jha <i>Smart Mechanoluminescent Materials: A Brief Review</i>
39	PP-39	A K Ambast <i>Effect of dopant and co-dopant on CaWO₄ phosphor by thermoluminescence techniques</i>

**GOVT. PT. SHYAMACHARAN SHUKLA COLLEGE DHARSIWA
RAIPUR, (CG)**

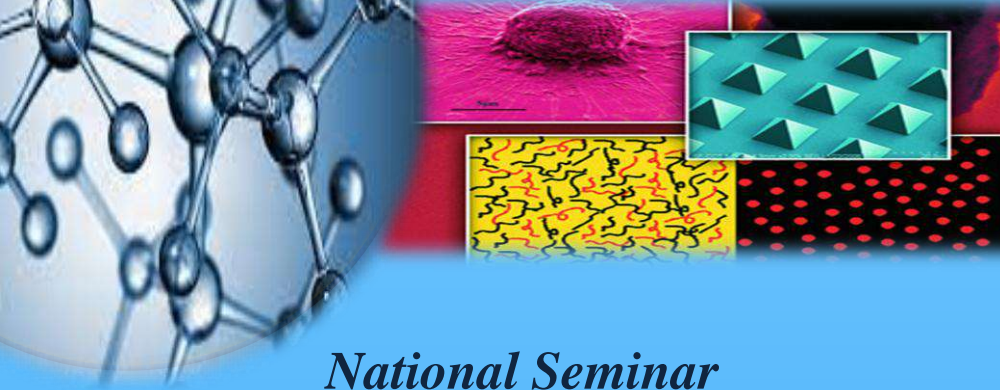
DEPARTMENT OF PHYSICS

**National Seminar on “Characterization and Processing of Advanced Materials”
(NSCPAM-2021)**

June 26, 2021

Results

Name of the participant	Title of abstract	Affiliation	Position Held
Poster presentations			
Gurudatt Puranik	<i>Soldering of copper using graphene-phosphoric gel</i>	Siddaganga Institute of Technology, Tumkur, Karnataka	First
Niranjan Kumar	<i>Electrical and Thermal Property Studies on Sodium Ion Conducting Solid Polymer Electrolyte Membranes</i>	SOS in Physics and Astrophysics, Pt. Ravishankar Shukla University, Raipur	Second
A K Ambast	<i>Effect of dopant and co-dopant on CaWO_4 phosphor by thermoluminescence techniques</i>	St. Xavier College, Maharo, Dumka, Jharkhand	Third
Oral Presentations			
Nabanita Pal	Scope and future prospects of porous metal oxide nanocomposites	Mahatma Gandhi Institute of Technology, Hyderabad	First
BHUPENDRA PRATAP SINGH	<i>Fast-response large aperture liquid crystal lens using organic and inorganic nanocomposite</i>	Liquid Crystal Research Lab, Department of Physics, University of Lucknow, Lucknow, Uttar Pradesh	Second
Manojit De	<i>Synthesis, Structural investigation, Vibrational, Magnetic properties of doped Nickel Ferrite by the Auto combustion method</i>	Department of Physics, Chouksey Engineering College, Bilaspur, C.G.	Third



National Seminar

on

Characterization and Processing of Advanced Materials

(NSCPAM-2021)

26th June 2021

Call for registrations



Organizer

Department of Physics

*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.

About the Seminar

This seminar will be an excellent academic forum for sharing knowledge and results in theoretical, experimental, methodological and applications of Materials Science and various streams. The seminar will cover the significant contributions from almost all the major fields of materials science. In this seminar, participants from different universities and academic institutions from all over the country are anticipated. The latest developments in the field of material science and its applications will be reviewed. Seminar will be held in virtual mode (online) via Google Meet platform.

Abstract submission

Abstract (max. 200 words) should be submitted to-

pscscscienceweek.2020@gmail.com

bhargavi.nag24@gmail.com

(abstract must contain title of the paper, authors' names, affiliation and contact details including email id)

Important Dates-

Abstract Submission begins – May 25, 2021

Abstract submission closes – June 21, 2021

Acceptance notification – June 23, 2021

Last date of registration – June 25, 2021



Themes of NSCPAM-2021

- Smart materials
- Optical materials
- Luminescent materials
- Dielectric, ferroelectric, piezoelectric materials
- Magnetic materials
- Bio materials
- Nano materials
- Multiferroics
- III-V & II-VI group materials
- Composites
- Ceramics
- Polymers
- Metal matrix ceramics
- Fiber reinforced ceramics
- Nano composites
- Bio composites
- Thin films
- OLEDs
- Advanced characterization techniques

Advisory Committee

Prof. P. K. Bajpai, *GGU Bilaspur*
Dr. Ashok Kumar, *NPL, Delhi*
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Prof. D. P. Bisen, *PRSU, Raipur*
Dr. Anjali Oudhia, *Govt. NPG Science College, Raipur*
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Dr. Sanjib Ghosh, *IIT, Bhilai*
Dr. Kamal Pandey, *Sri Jai Narain Mishra PG College (K.K.C.), University of Lucknow*

Organizing Committee

Dr. Vinod Sharma, <i>Principal</i>	Chairperson
Dr. G. Nag Bhargavi, <i>Asst. Professor</i> <i>Department of Physics</i>	Convener
Dr. Nidhi Dewangan, <i>Asst. Professor</i> <i>Department of Mathematics</i>	Organizing Secretary
Shri. K. K. Sharma, <i>Asst. Professor</i> <i>Department of Botany</i>	Member
Shri Hemant Deshmukh, <i>Asst. Professor</i> <i>Department of Chemistry</i>	Member
Smt. Warsha Ram, <i>Asst. Professor</i> <i>Department of Zoology</i> <i>Faculty of Arts</i> <i>Faculty of Commerce</i>	Member

Registration fee: **Registration fee is waived off.**

Registration link:

<https://docs.google.com/forms/d/1zofRjVU-fEZ4VydelFqR3lTZrLi638SrYdDKutPctw8/edit>

Best presentation certificate will be given to best three oral talks

Contact Persons:

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Dr. Nidhi Dewangan-7610407185,
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Virtual Workshop On
“Implementation of NEP-2020 in higher Education”

Organized By: - IQAC

Date – 23rd August 2022, Tuesday

Time – 12 noon Onwards

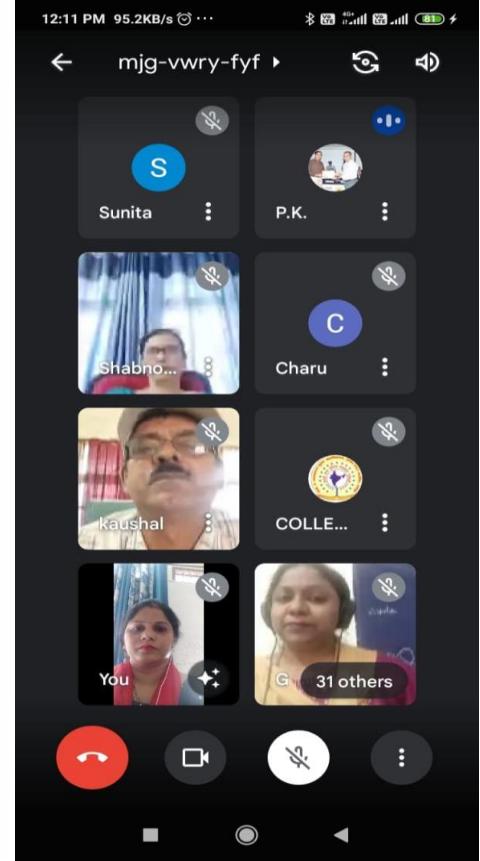
The program was started at 12 noon in the esteemed presence of Prof. P K Bajpai, Professor & head, Department of Pure and Applied Physics, Guru Ghasidas Central University, Bilaspur, (CG), the principal Dr. Shabnoor Siddiqui, the Co-ordinator Dr. G Nag Bhargavi, other faculty members and students. The program was started by the invocation of Goddess Saraswati done by the Mrs. Aditi Rani Bhagat, Assistant professor of Commerce. Dr. Siddiqui welcomed the honorable guest and resource person Dr. Bajpai and acknowledged him for taking time out of his busy schedule to elaborate the staff and students with the aims and objectives of NEP-2020. Dr. G Nag Bhargavi gave outline of the program and introduced the resource person. Prof. Bajpai delivered a very interesting talk on the Implementation of National Education Policy -2020 in higher Education. He started his talk with a brief introduction of main objectives of NEP-2020. He explained the various sub themes - Learning Outcome Curriculum Framework, Multiple entry and Multiple Exit, Academic Bank of credits, Multidisciplinary/Interdisciplinary, Appropriate integration of Indian Knowledge system and Skill development. He motivated all the teachers and staff. Prof. Bajpai is convenor of National Education Policy NEP-2020 Implementation Task force since 2021. After his talk Shri Kaushal Kishore, Assistant professor of Botany gave vote of thanks to the resource person, staff and students.

Youtube link---<https://youtu.be/7goo3JETA1Q>

Media coverage

श्यामाचरण शुक्ल कालेज में हुई कार्यशाला

धरसीधा। शासकीय पं श्यामाचरण शुक्ल महाविद्यालय में मंगलवार को उच्च शिक्षा में राष्ट्रीय शिक्षा नीति कार्यान्वयन विषय पर कार्यशाला का आयोजन किया गया। इसमें गुरुआसीदास केंद्रीय विश्वविद्यालय विलासपुर भौतिक शास्त्र विभाग के अध्यक्ष डा. पी के वाजपेयी मुख्य वक्ता रहे। उन्होंने एनईपी - 2020 के उद्देश्यों की जानकारी दी। नई शिक्षा नीति के तहत छात्र अपनी रुचि एवं सुविधा के अनुसार किस तरह उच्च शिक्षा ग्रहण कर सकते हैं, यह बताया। -नप्र





GOVT. PT. SHYAMACHARAN SHUKLA COLLEGE, DHARSIWA RAIPUR, CHHATTISGARH

Affiliated to Pt. Ravishankar Shukla University
Registered Under Section 2(F) & 12(B) of UGC Act
Accredited by NAAC with Grade-B



Virtual Workshop On Implementation of NEP-2020 in higher Education

Organized By:- IQAC
Date – 23rd August 2022, Tuesday
Time – 12 noon Onwards



Dr. Shabnoor Siddiqui
(Patron & Principal)

Convenor-
Dr. G Nag Bhargavi
Co-Ordinator (IQAC)



Prof. P K Bajpai
Eminent Speaker
Department of Pure & Applied
Physics GGU, Bilaspur

Topics to be Covered:

**Note : Free Registration
&
E- Certificate will be generated for the
participants**

- ✓ Learning Outcome Curriculum Framework
- ✓ Academic Bank of credits
- ✓ Multidisciplinary/Interdisciplinary
- ✓ Appropriate integration of Indian Knowledge system
- ✓ Skill development



Registration Link : <https://forms.gle/AhxA92zpJcMV9TbD8>


रिपोर्ट


कोविड 19 के दौर में ई-कामर्स का छोटे व्यवसाय पर प्रभाव”


राष्ट्रीय वेबिनार रिपोर्ट

दिनांक 08.06.2021 को शास. पं. श्यामाचरण शुक्ल महाविद्यालय धरसीवा, रायपुर (छ.ग.) में वाणिज्य विभाग द्वारा “कोविड – 19 के दौर में ई-कामर्स का छोटे व्यवसाय पर प्रभाव” विषय पर ऑनलाईन माध्यम से राष्ट्रीय वेबिनार का आयोजन किया गया, जिसमें मुख्य वक्ता के रूप में डॉ. शैलेन्द्र कुमार भारल प्रोफेसर वाणिज्य विभाग शास. कालिदास गर्ल्स स्नातकोत्तर महाविद्यालय उज्जैन मध्यप्रदेश एवं डॉ. शोभित कुमार बाजपेयी, प्रोफेसर वाणिज्य विभाग, राजीव गांधी शास. स्नातकोत्तर महाविद्यालय अम्बिकापुर (छ.ग.) छत्तीसगढ़ ने विषय से संबंधित उपयोगी एवं महत्वपूर्ण जानकारी को बहुत ही प्रभावशाली ढंग से प्रस्तुत किया उन्होंने बताया कि किस तरह कोविड – 19 ने धार्मिक, आर्थिक और राजनीतिक क्षेत्रों को प्रभावित किया है और इस चुनौतियों को अवसर में बदलने के लिए तकनीकी रूप से सक्षम होने के साथ साथ श्रम आधारित अर्थव्यवस्था के स्थान कौशल आधारित अर्थव्यवस्था का निर्माण किये जाने की आवश्यकता है। प्रतिभागियों के प्रश्नों का समाधान भी किया गया। वेबिनार का प्रारंभ महाविद्यालय की प्राचार्य श्री श्रीमती विनोद शर्मा के उदघाटन भाषण से हुआ कार्यक्रम संयोजक डॉ. सुनीता दुबे द्वारा वेबिनार का संक्षिप्त परिचय दिया गया। कार्यक्रम का संचालन वाणिज्य विभाग की सहायक प्राध्यापक सुश्री अदिति भगत द्वारा एवं धन्यवाद ज्ञापन डॉ. संजय कुमार सिंह द्वारा किया गया। तकनीकी सहायक के रूप में देवाशीष प्रधान एवं उमेश वर्मा का सहयोग रहा। कार्यक्रम में विभिन्न राज्यों के साथ ही साथ सउदी अरब और बांग्लादेश सहित लगभग 360 प्रतिभागी पंजीकृत हुए तथा ऑनलाइन माध्यम से इस वेबिनार से लाभान्वित हुए एवं सभी पंजीकृत प्रतिभागियों को ई – सर्टिफिकेट प्रदान किये गये। कार्यक्रम में महाविद्यालय के प्राध्यापक, सहायक प्राध्यापक एवं छात्र-छात्राएं भी उपस्थित रहे।

वाणिज्य संकाय

डॉ. सुनीता दुबे 

सुश्री अदिति भगत 

डॉ. संजय कुमार सिंह 



(श्रीमती डॉ विनोद शर्मा)

प्राचार्य

शास. पं. श्यामाचरण शुक्ल महाविद्यालय
धरसीवा रायपुर (छ.ग.)



National Webinar
on

Impact of e-Commerce on Small Business During Covid-19 Pandemic



Patron
Dr. (Smt.) Vinod Sharma
Principal



Dr. Shailendra Kumar Bharal
Professor & Head
Department of Commerce
Govt. Kalidas Girls P.G. (Lead)
College, Ujjain (M.P.)



Our Eminent Speakers



Dr. Shobhit Bajpayee
Professor & Head
Department of Commerce
Rajiv Gandhi Govt. P.G.
College, Ambikapur (C.G.)

Organizing Members

Convenor

Dr. Sunita Dubey
Assistant Professor
Department of Commerce

Co - convenor

Ms. Aditi Bhagat
Assistant Professor
Department of Commerce

Organizing Secretary

Dr. Sanjay Kumar Singh
Assistant Professor
Department of Commerce

Organizing Committee

Faculty of Arts
Faculty of Science

Technical Support

Mr. Devashish Pradhan
Mr. Umesh Verma

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



GOVT. PT. SHYAMACHARAN SHUKLA COLLEGE, DHARSIWA

RAIPUR, CHHATTISGARH

Affiliated to Pt. Ravishanker Shukla University

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National Webinar
on
Impact of e-Commerce on Small Business During Covid-19 Pandemic

Organized by Department of Commerce

About the College

Govt. Pt. Shyamacharan Shukla college Dharsiwa was established on 14th of August 1989. The department of commerce was started functioning in 2017 offering an undergraduate course of B.Com. Institute is affiliated to Pt. Ravishanker Shukla University, Raipur Chhattisgarh. Institute has been accredited by NAAC with Grade B.

About the Webinar

Covid-19 has brought a drastic change in our lives. With every passing time, the pandemic is coming in front of us in a new form. Government is imposing lockdowns to control the situation due to which people are changing their lifestyle. People are getting attracted towards living in homes and online shopping because of fear of getting sick. This same trend of people has given a new enhanced opportunity to e-commerce. Covid-19 pandemic has negatively impacted many areas such as health, education and tourism, but the trend towards e-commerce has been very positive and service-oriented. In this pandemic e-commerce has emerged as a golden option for small business owners. In the trend of e-commerce, small businessmen have faced many challenges like handling online operations, making essential goods easily available, government-imposed taxes and delays in reaching products to customers, difficulties in the shipping process etc. Small businessmen who are new in this technical change they are trying to establish themselves by facing the challenges. An effort to review all aspects related to the presented webinar topic.

Important Informations :-

Registration Link

<https://forms.gle/avhDoUNdRPDc2ss7>

Google Meet

(Kindly Join before 15 minutes)

To join the meeting on Google Meet, click this link:

<https://meet.google.com/ymg-bmsn-eds>

Or open Meet and enter this code: ymg-bmsn-eds

You Tube

(visit now & subscribe)

https://www.youtube.com/watch?v=I_Vtr9vOIjI

Contact

9977115098, 7224073739



Date
8th June
2021

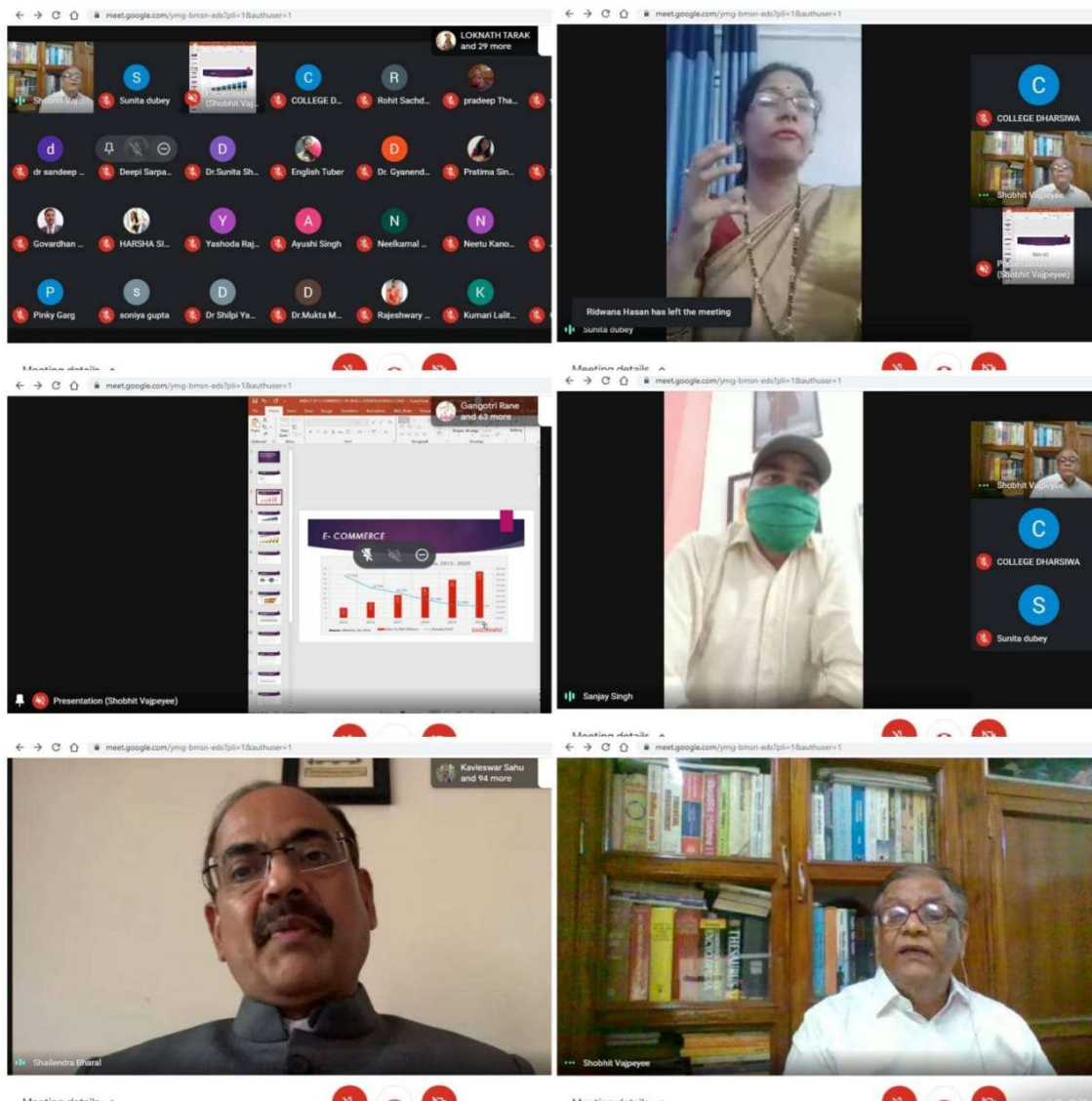
Timings
12.00
onwards

Join us via



SUBSCRIBE





Thursday, June 10, 2021

CENTRAL CHRONICLE

Dharsiwa :- A National webinar on the topic "Effect of e-commerce on small business in the era of Covid-19" was organized by the Department of Commerce of Govt. Pt. Shyamacharan Shukla College Dharsiwa, Raipur (Chhattisgarh) on 8th of June 2021. Invited speaker Dr. Shailendra Kumar Bharal, Professor, Department of Commerce, Government Kalidas Girls P.G. (Lead) College, Ujjain (M.P.) and Dr. Shobhit Kumar Bajpai, Professor, Department of

Commerce, Rajiv Gandhi Government PG College, Ambikapur (C.G.) delivered useful and important information and enlightened the subject very effectively. They focused how Covid-19 has affected various sectors of economy and we have to be technologically empowered to convert this challenge into opportunity and along with being efficient, there is a need to replace labor based economy with skill based

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न्यूज गैलरी

कोशल आधारित अर्थव्यवस्था बनाने की जरूरत

धरसीवा। शासकीय पं. श्यामाचरण शुक्ल महाविद्यालय धरसीवा में वाणिज्य विभाग ने बुधवार को कोविड - 19 के दौर में ई-कामर्स का छोटे व्यवसाय पर प्रभाव विषय पर आनलाइन राष्ट्रीय वेबिनार का आयोजन किया। जिसमें मुख्य वक्ता के रूप में डा. शैलेन्द्र कुमार भारल, प्रोफसर वाणिज्य विभाग गवर्नमेंट कालिदास गर्ल्स पीजी कालेज उज्जैन मध्य प्रदेश व डा. शोभित कुमार बाजपेयी प्रोफसर वाणिज्य विभाग राजीव गांधी गवर्नमेंट पीजी कालेज अंबिकापुर थे। उन्होंने विषय से संबंधित उपयोगी व महत्वपूर्ण जानकारी को प्रभावशाली ढंग से प्रस्तुत किया। उन्होंने बताया कि किस तरह कोविड 19 ने धार्मिक, आर्थिक और राजनीतिक क्षेत्रों को प्रभावित किया है। इस चुनौती को अवसर में बदलने के लिए हमें तकनीकी रूप से सक्षम होने के साथ-साथ श्रम आधारित अर्थव्यवस्था के स्थान पर कोशल आधारित अर्थव्यवस्था का निर्माण किए जाने की आवश्यकता है। प्रतिभागियों के प्रश्नों का समाधान भी किया गया। वेबिनार का प्रारंभ महाविद्यालय की प्राचार्य डा. श्रीमती विनोद शर्मा ने किया।



रायपुर 09-06-2021

ई-कामर्स व छोटे व्यवसाय पर वेबिनार

धरसीवा। शासकीय पं. श्यामाचरण शुक्ल महाविद्यालय धरसीवा में वाणिज्य विभाग द्वारा कोविड -19 के दौर में ई-कामर्स का छोटे व्यवसाय पर प्रभाव विषय पर वेबिनार का आयोजन किया गया। इसमें मुख्य वक्ता के रूप में डॉ. शैलेन्द्र कुमार भारल, प्रोफसर, वाणिज्य विभाग, गवर्नमेंट कालिदास गर्ल्स पी. जी. कालेज, उज्जैन मध्य प्रदेश एवं डॉ. शोभित कुमार बाजपेयी, प्रोफसर, वाणिज्य विभाग, राजीव गांधी गवर्नमेंट पी. जी. कालेज अंबिकापुर छत्तीसगढ़ ने विषय से संबंधित उपयोगी एवं महत्वपूर्ण जानकारी दी।



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One Day National Webinar

on

Impact of e-Commerce on small business during covid-19 Pandemic

Certificate of Honour & Appreciation

This certificate is being presented to



Dr. Shobhit Bajpayee

Prof. & Head Department of Commerce,

Rajiv Gandhi Govt. P.G. College, Ambikapur (C.G.)

for sharing his valuable knowledge as a speaker in one day National Webinar on the topic

"Impact of e-Commerce on small business during covid-19 Pandemic"

organized by Department of Commerce on dated 8th of June 2021.


(Dr. Sunita Dubey)
Convenor


(Ms Aditi Bhagat)
Co- Convenor


(Dr. Sanjay Kumar Singh)
Organizing Secretary


(Dr. Mrs. Vinod Sharma)
PRINCIPAL & PATRON



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Dr. Shailendra Kumar Bharal

Prof. & Head Department of Commerce,

Govt. Kalidas Girls P.G. (Lead) College, Ujjain (M.P.)

for sharing his valuable knowledge as a speaker in one day National Webinar on the topic

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National Webinar

on

Impact of e-Commerce on small business during covid-19 Pandemic

Certificate of Participation

This certificate is being presented to

ARUN KUMAR GUPTA

Asst. Professor

Govt. P.D. Commerce and arts College Raigarh

for participating in the one day online National Webinar on

“Impact of e-commerce on small business during covid -19 pandemic”

Organized by the Department of Commerce, Govt. Pt. Shyamacharan Shukla
College

Dharsiwa, Raipur (C.G.) on 8th June 2021

(Dr. Sunita Dubey)
Convenor

(Ms Aditi Bhagat)
Co- Convenor

(Dr. Sanjay Kumar Singh)
Organizing Secretary

(Dr. Vinod Sharma)
PRINCIPAL



वाणिज्य के छात्र-छात्राओं के लिए रोजगार की संभावनाएं



■ स्वतंत्र स्वर

रायपुर। शास. पं. श्यामाचरण शुक्ल महाविद्यालय धरसीवा रायपुर (छ.ग.) में वाणिज्य विभाग द्वारा वाणिज्य के छात्र-छात्राओं के लिए रोजगार की संभावनाएं विषय पर व्याख्यान का आयोजन किया गया, जिसमें मुख्य वक्ता के रूप में डॉ. तपेश चंद्र गुप्ता, प्रोफेसर, शासकीय जे. योगानंदम छत्तीसगढ़ महाविद्यालय रायपुर द्वारा विषय से संबंधित उपयोगी एवं महत्वपूर्ण जानकारी प्रभावशाली ढंग से छात्र-छात्राओं को प्रदान की गई। उन्होंने व्यक्तित्व विकास तथा संचार कौशल पर विद्यार्थियों से सीधी चर्चा की साथ ही बताया किस तरह वाणिज्य के सभी विषय व्यावहारिक, कला एवं विज्ञान पर आधारित हैं।

लेखांकन, प्रबंध के साथ-साथ कम्प्यूटर, जी.एस.टी., टैली एडवांस लेवल, आयकर आदि का व्यावहारिक ज्ञान प्राप्त कर छात्र-छात्राएं रोजगार प्राप्त कर सकते हैं इसके साथ ही वाणिज्य में करियर के विभिन्न विकल्पों एवं स्वरोजगार के अवसरों की भी विस्तार से जानकारी प्रदान की गई तथा छात्र-छात्राओं के प्रश्नों का समाधान भी किया गया। कार्यक्रम का प्रारंभ डॉ. सुनीता दुबे द्वारा विभागीय परिचय से किया गया। कार्यक्रम का संचालन विभाग की सहायक प्राध्यापक अदिति भगत द्वारा एवं धन्यवाद ज्ञापन डॉ. सजय सिंह द्वारा दिया गया। कार्यक्रम में महाविद्यालय की प्राचार्य डॉ. शबनूर सिद्दीकी, वाणिज्य संकाय के समस्त सहायक प्राध्यापक तकनीकी स्टाफ एवं सभी छात्र-छात्राएं उपस्थित रहे।

Invited talk on Entrepreneurship date 18.10.2022

Final Report
Workshop on Intellectual property rights and role of council
(5th July 2023, Wednesday)

One day workshop on IPR was conducted by IQAC on 5th of July 2023. The program was started at 12 noon in the esteemed presence of the resource person Dr. Amit Dubey, Scientist-D, Intellectual property Rights Center, Chhattisgarh Council of Science and Technology, Raipur (CG), the principal Dr. Shabnoor Siddiqui, the Co-ordinator of IQAC Dr. G Nag Bhargavi, other faculty members and students. The program was started by the invocation of Goddess Saraswati done by the Students. Dr. Siddiqui welcomed the honorable guest and resource person Dr. Dubey and acknowledged him for taking time out of his busy schedule to elaborate the staff and students about the importance of intellectual property rights. Dr. G Nag Bhargavi gave outline of the program and gave the introduction of the resource person. Dr. Dubey delivered a very interesting talk on the topic. He started his talk with a brief introduction of Intellectual property rights i.e. what is IPR and how it is different from the other property rights. He explained in detail about the various Acts associated with IPR. Dr. Dubey elaborated the the way one can file patent and what are the formalities to be done with some examples. He explained the methods of patent filing. He gave a detail of the activities done by the council to promote IPR and patenting. He took questions from the audience and answered all the queries from students and staff with great patience. After his talk Dr. Sushama Mishra, Assistant professor of English gave vote of thanks to the resource person, staff and students. In the end we all had a group photo to memorize the day.





Invited talk on
Introduction to Intellectual Property Rights
and Role of Council
(Offline mode)
Date :- 5th July 2023
Time :- 12 noon onward
Organized by - IQAC
Beneficiaries - Staff and Students
Resource person - Dr. Amit Deshpande
Scientist - Director
Intellectual Property Rights, CCST, Raipur
Participants -
Dr. S. Siddiqui
Shri. Karishal Kothare
Dr. S. Mishra
Dr. Nidhi Dhangar
Dr. C. L. Sahu
Dr. Rashmi Kujur
Dr. Sanjay Singh
Dr. Sumita Dabke
Shri. Hemant Deshmukh
Shri. Aditi Bhagat
Dr. Swati Sharma
Kus. Charvi Verma
Kus. Monika Sahu
Kus. Kuman Pandey
Kus. Nidhi Sahu
Kus. Deepika Sahu
Kus. Sakuma Dhangar
Shri. Hemant Sahu
Shri. Mohan

1) Rakshmi Sahu
2) Kishan Kumar
3) Kuntika
4) Anini Sinha
5) Anjali Bharti
6) Yashika
7) Kanchan
8) Yashika Dhangar
9) Hrushikesh
10) Kanan Sahu
11) Anini Kashyap
12) Jagriti Verma
13) Chaitanya Sahu
14) Sanika Dhangar
15) Sandeep Kumar

Dr. Amit Deshpande
Director
Intellectual Property Rights, CCST, Raipur

Dr. S. Siddiqui
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Dr. S. Mishra
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Dr. Swati Sharma
Kus. Charvi Verma
Kus. Monika Sahu
Kus. Kuman Pandey
Kus. Nidhi Sahu
Kus. Deepika Sahu
Kus. Sakuma Dhangar
Shri. Hemant Sahu
Shri. Mohan

बौद्धिक संपदा पर व्याख्यान



रायपुर। शोध कर रहे प्राध्यापकों, सहायक प्राध्यापकों और शोध अध्येताओं को तकनीकी जानकारी के लिए विशेष व्याख्यान सासकीप में, श्यामाचरण शुक्ल महाविद्यालय में रखा गया। बौद्धिक संपदा अधिकार संबंधी मामलों पर वैज्ञानिक डॉ. अमित दूबे ने अपने व्याख्यान में कहा, उत्तीर्ण के नए उपक्रमों को संपदा अधिकार की जानकारी न होने के कारण शोध का सम्पूर्ण लाभ नहीं मिल पाता है। इस तरह के व्याख्यान से शोध परिणाम के साथ-साथ पेटेंट लाभ भी राज्य शोधकर्ताओं को मिलेगा। नए उपक्रमों को नई दिशा भी मिलेगी। डॉ. दूबे ने महाविद्यालय में चल रहे विभिन्न शोध गतिविधियों की सराहना की। कॉलेज प्राचार्य डॉ. शबनूर सिद्दीकी, डॉ. जी. नाग भार्गवी सहित सम्स्त प्राध्यापक और छात्र-छात्राएं उपस्थित रहे।

E-news

https://dailychhattisgarh.com/chhattisgarh-article-details.php?article=180005&path_article=24



Govt. Pt. Shyamacharan Shukla College Dharsiwa, Raipur (C.G.)



Invited talk on
Introduction to Intellectual Property Rights and Role of Council
on
5th July 2023
12 PM onwards



Our Speaker
Dr. Amit Dubey

Scientist-D

Intellectual Property Rights center,
CCOST, Raipur.



Dr. Shabnoor Siddiqui
(Principal / Patron)



Dr. G Nag Bhargavi
(Convenor)

Organized By:- Internal Quality Assurance Cell