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 functional 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 Mutifunctional 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. Parallelly 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, Bhubaneshwar, 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 SEMINAR ON "ADVANCE MATERIALS FOR SUSTAINABLE INDUSTRIAL AND SOCIAL APPLICATIONS" (NSAMSISA-2020) January 17-18, 2020 REGISTRATION FORM NATIONAL SEMINAR hary, SOA University, , NPL, Delhi , NPL, Delhi hhme, PRSU, Raipur umar, NPL, Delhi rawal, NPL, Delhi rawal, NPL, Delhi rabara, PRSU, Raipur hare, NIT, Raipur hare, NIT, Raipur hare, NIT, Raipur On "Advance Materials for Sustainable Industrial and Social Applications" (NSAMSISA-2020) Designation: 17th -18th January 2020 Corresponding Address: Dr. D. S. Jagat Principal - IIII - 38 Shri. K. K. Sharma Asst. Professor (Botany) (Convener) Dr. G. Nag Bhargavi Asst. Professor (Physics) (Co-convener) Phone No. .. Title of the paper:..... Shri Hemant Kumar Deshmukh Asst. Professor (Chemistry) (Organizing Secretary) Accommodation required (Yes/No) : . Organized by: (Organizing Secretary) Local Organizing Committee Dr. Shabnoor Siddiqui Dr. Sandhya Singare Mrs. Varsha Ram Dr. Sushama Mishra Dr. Nidhi Dewangan Dr. Ct. Sahu Dr. Sunita Dubey Dr. Rashni Kujur Dr. Sanjay Kumar Singh Ms. Adit Rani Bhagat Shri. Anii Kumar Mahobia FACULTY OF SCIENCE Transaction Detail: Dated:.... Bank Branch and City:.... Please mail completed registration form with payment details to: <u>bhargavi.nag24@gmail.com</u> Govt. Pt. Shyamacharan Shukla College, Kunra Road, Dharsiwa, Raipur (CG) PIN: 493221 Accredited by NAAC with Grade - B Ph. No.9893043414 , Website: www.gpssc.in Signature of the Delegate/Participant

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 elst. 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 excellent on environment. Because of the environmental concerns impact on environmental 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 & part from this also covers all emerging topics.

About the Institute
Gov Pt. Shamacharan Shukia 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 chef minister of undivided Madhya
Pradesh i.e. Pt. Shyamacharan Shukis ji. After the bifurcation of the
State in 2000 it is governed by the Government of Chattlisgarh. The
institute is affiliated to Pt. Ravishankar Shukis University, Raipur
Chhattisgarh. At the time of establishment the college was started
in Shankar Nagar Raipur, but in 2010 it was shifted to Dharsiwa
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. ised under 2(f) and 12(b) sections of UGC

About Dharsiwa
The Dharsiwa is a Tehsil in Raipur District of Chattisgarh State, India. Dharsiwa Tehl Head Quarters is Dharsiwa Tehl Head Quarters is Dharsiwa Tehl Head Quarters is Dharsiwa Tehl Head Quarters Raipur and 12 KM from State capital Raipur towards South. It is the famous industrial slobick of Chhattigrarh with various industrial establishments. Raipur Rail Way Station, Mandhar Rail Way Station, Urkura Rail Way Station are the very nearby railway stations to Dharsiwa Tehsil. Raipur, Bhilai (Bhilai Nagari, Durg, Mahasamund, Dhamtari are the near - by Important tourist destinations to see.

Objective of 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 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.

Themes of NSAMSISA-2020

- Multiferroics
- Thin films Energy harvesting materials
 Transparent oxide
 semiconductors
 Composites

- Themes of NSAMSISA-2020

 Advanced Materials
 Dielectric, Ferroelectric,
 Piezoelectric, Materials
 (Electro, Thermo, Machano,
 Photo, Lyo, Bio, Chemi)
 Nano materials and Nano
 technology
 Magnetic materials
 Bio Materials
 High temperature materials
 Sensors
 Materials Characterizations
 Various characterization
 techniques
 Characterization techniques
 of Optical materials
 Advanced characterizations
 Advanced characterizations
 - - utilization

 - Recyclable waste
 Electronic waste utilization
 - Mask development for industrial areas Catalyst development for polymerisation

- ➤ All abstract/full paper must be submitted through Email Via bhargavi.nag/4@mail.com
 ➤ Abstract (max 300 words should contain title of the paper, authors' names, affiliation and contact data its.)
- paper, authors names, animators with details)

 Font: English Times New Roman, Font size 12
 Hindi Krutidev 010, Font Size 14

 Space between the lines 1.15

 Format: MS office word, A-4 size

Abstract Submission begins – December 15, 2019

- Abstract submission closes January 05, 2020 Acceptance notification January 07, 2020
- Last date of registration January 10, 2020

Registration Fees Delegate Type Faculty Members Research Scholars 800/-Students

Accompanying person Delegates from Industry

Registration fee may be paid through online to the bank details given below:
Bank Name & Address: Dena Bank, Dharsiwa, Raipur Account Name – PRINCIPAL, GOVT.PT. SHYAMACHARAN SHUKLA COLLEGE Account No. - 070910031892
IFSC Code: - BKDN0820709

Accommodation
Accommodation will be provided to all the out station participants on payment basis.

CONTACT NUMBERS

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bhargavi.nag24@gmail.com

Shri. Hemant Kumar Deshmukh - (Mob.) 8319618077

deshmukh.hemant2012@gmail.com

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

FACULTY OF SCIENCE

National Seminar on Advance Materials for Sustainable Industrial and Social Applications
(NSAMSISA-2020)
January17-18, 2020

Technical program

1 ecnnical program				
Day -1, 17-01-2020 (Friday)				
Registration: 09:00 AM – 10:00 AM				
10:00-		INAUGURAL CEREMONY		
10:45AM	(Seminar Hall II floor)			
10:45-		HIGH TEA		
11:00AM				
Technical session -1 (Seminar Hall II floor)				
		ession chair: Dr. Anjali Oudhia		
11:00-	Keynote Address	Advances in Mutifunctional Materials		
12:00 PM 12:00-	IT-1	by Prof. P. K. Bajpai Advanced Polymer-based Materials: Synthesis, Properties and		
12:30 PM	11-1	Industrial Applications		
12.30 1 1/1		by Dr. Sanjib Banerjee		
12:30-	IT - 2	Study of Diffuseness and Dielectric Relaxation in ABO3 : Lead-Free		
1:00 PM		Ceramic Material		
		by Dr. K. N. Singh		
1:00-	OT-1	Manojit De, H. S. Tewari, R. N. P. Choudhary, Studies of LiNbO ₃		
1:10 PM		modified BiFeO ₃ : Structural, Vibrational, Dielectric, Impedance and		
		Polarization Study		
1:10-	OT-2	Ramsingh Kurrey, Surface Enhanced Infra-Red Spectroscopy for		
1: 20 PM		Determination of Quaternary Ammonium Cationic Surfactants using Silver Nanoparticles as a Chemical Sensor		
1.00		-		
1: 20-	OT-3	Tripti Richhariya, Nameeta Brhame, D. P. Bisen, Ekta		
1: 30 PM		Chandrawanshi, Yugbodh Patle, Sanjay Baghel and Kamlesh Thakkar, Synthesis and Photoluminescence studies of Barium		
		Alumino Silicate Phosphor		
1: 30-		LUNCH		
2: 00 PM		<u>Lowen</u>		
2.00111	Technic	cal session -2 (Seminar Hall II floor)		
	Session chair: 1	Dr. S.K. Rout and Dr. Tanmaya Badapanda		
2:00-	IT - 3	Application of Functionalized Graphene Quantum Dots for		
2:30 PM		Alzheimer's Disease		
2:30-	IT - 4	by Prof. Kallol Ghosh Design and Development Paper based Electronics and Chemical		
2:30- 3:00 PM	11 - 4	Sensors Design and Development Paper based Electronics and Chemical Sensors		
3.001111		by Dr. Kamlesh Shrivas		
3: 00-	IT - 5	Nanomaterial-Based Sensors for Detection of Biomolecules and		
3: 30 PM		Toxicants		
		by Dr. Manmohan L. Satnami		
3: 30-	OT-4	Sanjay K. Baghel, Nameeta Brahme, D.P.Bisen, Ganesh Banjare,		

3: 40 PM		Yugbodh Patle, Sukhraj Nureti, Study of photoluminescence properties of SrZrSi ₂ O ₇ :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 (camellia sinensis) 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	<i>Dr. Mrs. Rita Bajpai</i> , 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 Ca ₂ Al ₂ 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 ₂ O ₃ Nanoparticles
4: 50 - 5:00 PM	OT-11	<i>Vikas Gulhare, R. S. Kher, S. J. Dhoble,</i> Luminescence characterization of Tb doped Ca(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

	Da	ay -2, 18-01-2020 (Saturday)
	Regis	tration: 09:00 AM – 10:00 AM
		hnical Session- 3 (Seminar Hall II floor)
		ssion chair: Dr. Tanmaya Badapanda
9:30-	IT-6	Solar Photovoltaics: A Promising Source of Renewable Energy
9:50AM		by Dr. Ayush Khare
9:50-	IT-7	Grain and Grain Boundary Study of Ceramics Using Impedance
10:10AM		Spectroscopy
		by Dr. S. K. Rout
10:10 -	IT-8	H. S. Tewari, Rashmi Tiwari and Manojit De, Advance Materials Based
10:30AM		on Perovskite Oxide: Synthesis, Characterization and Applications
10:30 -	IT-9	M. P. Sharma, Rashmi Tiwari, Vasundhara Shahu, Manojit De and H.
10:50AM		S. Tewari, Structural, Morphological and Vibrational Characterizations of Ni-Zn Based Ferrites
10:50 -	IT-10	M. P. Sharma, Neeraj Jaiswal and H. S. Tewari, Synthesis and
11:10AM		characterization of CoCr _x Fe _{2-x} O ₄ ferrite
11:10 -	IT-11	Goverdhan Reddy Turpu, G Bera, A Mishra, P Das, and P Mal, Multi -
11:30PM		functionality of graphene oxide – orthovanadate composites
11:30 -		TEA BREAK
11:40PM		
<u>.</u>	Tecl	hnical Session- 4 (Seminar Hall II floor) Session chair: Dr. Ayush Khare
11:40 -	IT-12	Ferroelectric and piezoelectric ceramic for energy storage and harvesters
12:00PM	11-12	by Dr. Tanmaya Badapanda
12:00 -	IT-13	Comparative study on Luminescence properties of Melilite group
12:20PM	11-13	phosphors
12.201 111		by Prof. Nameeta Brahme
12:20-	IT-14	Pradip Das, Transport evidence of 3D topological insulator:
12:40PM		(Pb/Sn)Bi ₂ Te ₄ and PbBi _{2-x} Fe _x Te ₄
12:40 -	IT-15	G. Maity and Shiv P. Patel, Metal Induced Crystallization of Amorphous
1:00PM		semiconductors under Swift Heavy Ion Irradiation
1:00 -	OT-15	Tarkeshwar Sinha, Ayush Khare, A comparative analysis of
1:10PM		photoluminescence properties of cadmium sulfide films synthesized by
		two different chemical deposition techniques
1:10 -	OT-16	Devjyoti Lilhare and Ayush Khare, Studying the effect of annealing on
1:20PM		characteristics of electrodeposited CdTe/(Cd _x -Zn _{1-x})S thin films
1:20 -	OT-17	Neha Anchal, Bijay Kumar Sahoo, The effect of Polarization
1:30PM		Mechanism on Internal Quantum Efficiency of InGaN/GaN Blue LED
1:30 -		LUNCH
2:30PM		
2:30 -		POSTER PRESENTATIONS (PP-1 to PP-21, II floor)
3:30PM		
3:30 -		VALEDICTORY FUNCTION
4:30PM		

POSTER PRESENTATIONS

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

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

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 Shrivas

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. Satnami

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, Bhubaneshwar, 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