

Rajeev Gandhi Govt. P. G. College, Ambikapur, Surguja (C.G.)

International Seminar

On

New Emerging Dimension in Science, Technology and Management

12th – 13th March, 2023

Organized by

Department of Physics and Electronics



-: Organized By :-
Department of Physics and Electronics
Rajeev Gandhi Government
Autonomous Post Graduate College Ambikapur Sarguja Chhattisgarh

I. Introduction

International conference on New Emerging dimension on Science, Technology and Management is going to organize by Department of Physics on the occasion National Science day. The basic aim to organize this conference to meet the scientist, teacher and researcher on common platform to interact and discuss about the events happening in the area of science , Technology, and management.

This conference is aimed at providing the 360 degree understanding of the three pillars of sustainable development Science, Technology and Management making it ideal choice to equip prospective students to work in research, project management, governance and administration for environmental protection and sustainable development.

Emerging technologies are [technologies](#) whose development, practical applications, or both are still largely unrealized. These technologies are generally [new](#) but also include old technologies finding new applications. Emerging technologies are often perceived as capable of changing the [status quo](#).

Emerging technologies are characterized by radical novelty (in application even if not in origins), relatively fast growth, coherence, prominent impact, and uncertainty and ambiguity. In other words, an emerging technology can be defined as "a radically novel and relatively fast growing technology characterised by a certain degree of coherence persisting over time and with the potential to exert a considerable impact on the socio-economic domain(s) which is observed in terms of the composition of actors, institutions and patterns of interactions among those, along with the associated knowledge production processes. Its most prominent impact, however, lies in the future and so in the emergence phase is still somewhat uncertain and ambiguous.

Emerging technologies include a variety of technologies such as [educational technology](#), [information technology](#), [nanotechnology](#), [biotechnology](#), [robotics](#), and [artificial intelligence](#).^[note 1]

New technological fields may result from the [technological convergence](#) of different systems evolving towards similar goals. Convergence brings previously separate technologies such as voice (and telephony features), data (and productivity applications) and video together so that they share resources and interact with each other, creating new efficiencies.

Emerging technologies are those technical innovations which represent progressive developments within a field for [competitive advantage](#); converging technologies represent previously distinct fields which are in some way moving towards stronger inter-connection and similar goals. However, the opinion on the degree of the impact, status and economic viability of several emerging and converging technologies varies.

अन्तराष्ट्रीय कान्फ्रेंस

12-13 मार्च 2024

राजीव गांधी शासकीय स्नातकोत्तर महाविद्यालय अम्बिकापुर सरगुजा छ.ग.

उदघाटन समारोह

आमंत्रण

माँ महामाया के विशेष कृपा एवं आप सभी के प्रेरणा एवं आशीर्वाद से भौतिकी विभाग द्वारा, दिनांक १२-१३ मार्च २०२४ को विज्ञान, तकनीकी एवं प्रबन्धन में उभरते नये आयाम विषय पर दो दिवसीय अन्तराष्ट्रीय कान्फ्रेंस का आयोजन कर रहा है। इस समारोह में आपकी गरिमामयी उपस्थित प्रार्थनीय है।

मुख्य अतिथि

माननीय प्रोफेसर अशोक सिंह जी
कुलपति संतगहिरा गुरू विश्वविद्यालय अम्बिकापुर सरगुजा छत्तीसगढ़

विशिष्ट अतिथि

प्रोफेसर एच.एस.तिवारी जी, प्राध्यापक भौतिकी, डीन विज्ञान संकाय
गुरू द्यासीदास केन्द्रीय विश्वविद्यालय बिलासपुर सरगुजा छ.ग.

विषय प्रवर्तक

प्रोफेसर एस.के. पान्डेय जी, अध्यक्ष गणित विभाग
भारतीय प्रौद्योगिकी संस्थान काशी हिन्दू विश्वविद्यालय वाराणसी उ.प्र.
प्रोफेसर अखिलेश कुमार सिंह जी, समन्वयक पदार्थ प्रौद्योगिकी विभाग
भारतीय प्रौद्योगिकी संस्थान काशी हिन्दू विश्वविद्यालय वाराणसी उ.प्र.
प्रोफेसर राजेश श्रीवास्तव जी डीन प्रबन्ध एवं वाणिज्य संकाय
संत गहिरा गुरू विश्वविद्यालय अम्बिकापुर सरगुजा छत्तीसगढ़

अध्यक्षता

प्रोफेसर रिजवान उल्ला जी
प्राचार्य, राजीव गाँधी शासकीय स्नातकोत्तर महाविद्यालय अम्बिकापुर सरगुजा छ.ग.

दिनांक १२ मार्च २०२४

समय-प्रातः १०:३० बजे

स्थल. महाविद्यालय आडिटोरियम हाल

:- निवेदक :-

श्री जावेद अकरम
सह-संगठन सचिव

डॉ.एम.के. मोर्य
संगठन सचिव

श्रीमती किरन मिंज
सह-संयोजक

डॉ. एस.के. श्रीवास्तव
संयोजक,
विभागाध्यक्ष भौतिकी विभाग
Contact-9424252379



**International Conference on New Emerging Dimension in
Science,
Technology and Management
12-13 March 2024
Organised by**

Department of Physics, Rajeev Gandhi Govt. P.G. College, Ambikapur, CG

Conference Schedule

Day -1: March 12 , 2024

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| 09:00 AM -10:30 AM | Registration |
| 10:30 AM -11:30 PM | Inauguration Session |
| 11:30 PM-01:30 PM | <p style="text-align: center;"><u>Technical Session – I</u></p> <p>Chair Person:- Prof. R.N. Khare, Principal, Govt. (VEC) Engineering College, Ambikapur (CG) Reporter: - Dr. Praveen K Sahu, Deptt. Of Mathematics, Govt. SPM College, Sitapur (CG)</p> <p>Invited Talk: - 1.Prof. S.K.Pandey, Prof. & Head, Deptt. of Mathematics, IIT , BHU Varanasi U.P. 2. Prof. Akhilesh Kumar Singh, Co-ordinator, School of Materials Science and Technology, IIT, B.H.U. Varanasi U.P. 3. Dr. Kushmanjali Deshmukh, Asstt. Prof. Department of Physics, Govt. Science College Durg C.G., 4. Dr. R. Palai, Prof. Deppt. Of Physics, University of Puerto-Rico San-Juan, USA</p> <p>Presenter:- 1. Shri Jay K Mehra & Vijay K Sahoo, NIT, Raipur, CG 2. Dr. R. K. Kurre, Deptt. Of Physics, Govt. JPM College, Takhatpur, CG. 3. Ms Shruti, Research Scholar Department of Applied Mathematics, I.I.T. B.H.U Varansi U.P. 4. Miss Kiran Gupta, Research Scholar, Deptt. of Physics, GGU Bilaspur C.G.</p> |
| 01:30 PM – 02:30 PM | Lunch |
| 02:30 PM– 04:00 PM | <p style="text-align: center;"><u>Technical Session – II</u></p> <p>Chair Person:- Dr. Dheeraj K. Yadav, UTD, Sant Gahira Guru University, Ambikapur (CG) Reporter: - Dr. Kavita Krishnamurty, Deppt. of Zoology, R. G. Govt. P.G. College, Ambikapur (C.G.)</p> <p>Invited Talk:- 1. Dr. Kamal Pandey, Deptt. of Physics, Jai Narayan Post Graduate College Lucknow U.P. 2. Miss Harsha Prasad, Deptt. of Material Science & Engineering, IIT, Kanpur, U.P. 3. Prof. Divyanshi Srivastava, Govt. B.J .Medical College, Pune, Maharashtra 4. Prof. Vinod K Dubey ,Deptt. of Physics, ,Govt. Science College, Raipur, C.G. 5. Prof. S. K. Ghosal, Deptt. Of Physics, University of Technology, Malasia</p> <p>Paper Presenter:- 1. . Shri N. K. Purley, Dept. of Physics, Govt. Science College, Mungeli, BilaspurrC.G. 2. Shri Neeraj Kumar, Research Scholar, Dept. of Physics, SSBAM Ambikapur C.G 3. <i>Shri S. K. Gupta, Assit. Prof. ,Deptt. Of Maths, Govt .RMD Girls P.G.College AmbikapurC.G.</i> 4. Smt. Kritika Sinha, Research Scholar, R.G.Govt.P.G.College Ambikapur, CG</p> |
| 04:00PM – 5:30PM | <p style="text-align: center;"><u>Technical Session – III</u></p> <p>Chair Person:- Dr. Anil Kumar Sinha, Deptt. Of Geography, R.G. Govt. P.G. College, Ambikapur, CG Reporter: - Dr. Rameshwari Banjara, Deptt. Of Chemistry, R.G. Govt. P.G. College, Ambikapur, CG</p> <p>Invited Talk :- 1. Prof. Ajali Oudhia, Deptt. Of Physics, Govt. Science College, Raipur. CG</p> |

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| | <p>2. Dr. Neha Sharma, Department of Physics, Govt. Engineering College Ambikapur C.G. 3. Dr. R.K. Bargah ,Department of Chemistry, Govt. SPM College, Sitapur, CG. 4. Prof. M. Z. Khan , Prof. Deptt. of Physics, C V Raman University, Bilaspur, C.G. 5. Prof. A. K. Srivastava , Prof. Deptt. of Physics, C V Raman University, Bilaspur, C.G. 6. Prof. Rajesh K Srivastava, Principal, SSBAM Ambikapur C.G</p> <p>Paper Presenter- 1. Dr. H.D. Mahar, Asstt. Prof., Deptt. Of Botany, R.G. Govt. P.G. College, Ambikapur, CG 2. Miss Priti, Asstt. Prof. SSBAM Ambikapur C.G 3. Miss Diksha Neha Toppo, Asstt. Prof. SSBAM Ambikapur C.G 4. Shri B. R. Chauhan, Asstt. Prof. Deptt. Of Physics, Govt. SPM College, Sitapur, CG 5. Shri Dindayal Dubey, Research Scholar, K.S. Saket PG College, Ayodhya, UP.</p> |
| <p>05:30 PM– 06:30 PM</p> | <p style="text-align: center;">Cultural Programme</p> |
| <div style="text-align: center;">   <p>International Conference on New Emerging Dimension in Science, Technology and Management 12-13 March 2024 Organised by</p> <p>Department of Physics, Rajeev Gandhi Govt. P.G. College, Ambikapur, CG</p> </div> | |
| <p style="text-align: center;">Day -2: March 13 , 2024</p> | |
| <p>09:30 – 11:00</p> | <p style="text-align: center;"><u>Technical Session – IV</u></p> <p>Chair Person:- Dr. Ritesh Verma, Principal, K.R. Technical College, Ambikapur. CG. Reporter: - Shri S. K. Dewangan, Dept. of Physics, SSBAM Ambikapur C.G</p> <p>Invited Talk:- 1. Dr. Dheeraj Singh Chauhan, Deptt. of Physics, King Fahd University, of Petroleum & Minerals, Dehran, Saudi Arabia. 2. Prof. M. M. Ranga, Ex. Dean, SGGU, Jodhpur, Rajasthan 3. Dr. Dheeraj K Yadav., Deptt. Of Farm Forestry, UTD, Sant gahira Guru University, Ambikapur. CG 4. Dr. A. K. Pandey, Deptt. of Physics, K.S. Saket PG College, Ayodhya, UP. 5. Dr. Ashish Banjara, Deptt. Of Chemistry, GGU, Bilaspur, CG 6. Dr. Sushil K Kashyap, Principal, SAG Science College, Ambikapur, CG.</p> <p>Paper Presenter:- 1. Dr. Rameshwari Banjara, Asstt. Prof., Deptt. Of Chemistry, R.G. Govt. P.G. College, Ambikapur, CG 2. Shri Ankit Kumar Sharma, Research Scholar, K.S. Saket PG College, Ayodhya, UP. 3. Miss Ekta Singh, Asstt. Prof., UV Sanskar Mahavidyalaya, Latori, Surajpur, CG 4. Miss Harleen Babra, Research Scholar, R.G. Govt. P.G. College, Ambikapur, CG 5. Dr. kavita Krishnamurti, Asstt. Prof., Deptt. Of Zoology, R.G. Govt. P.G. College, Ambikapur, CG 6. Miss. Monika Xess, Asstt. Prof., Deptt. Of Computer Science, R.G. Govt. P.G. College, Ambikapur, CG</p> |
| <p>11:00-12:30</p> | <p style="text-align: center;"><u>Technical Session – V</u></p> <p>Chair Person:- Prof. Rajesh K Srivastava, Principal, SSBAM Ambikapur C.G Reporter: - Dr. Sushil K Kashyap, Principal, SAG Science College, Ambikapur, CG.</p> |

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| | <p>Invited Talk:- 1. Prof. Shashank Tripathi, Deptt. Of Management Studies, National University, Singapore 2. Dr. Sadiya Afrin, Bangladesh university of Science & Technology, Dhaka, Bangladesh 3. Dr. Dakeshwar Verma, Deptt. Of Chemistry, Govt. PG College, Rajnandgaon, CG 4. Shri S. K. Dewangan, Dept. of Physics, SSBAM Ambikapur C.G 5. Dr. Ritesh Verma, Principal, K.R. Technical College, Ambikapur. CG. 6. Dr. H.S .P. Tonde, Deptt. Of Computer Science, UTD, Sant Gahira Guru University, Ambikapur, CG.</p> <p>Paper Presenter:- 1.Dr. Rajesh K sahu, Associate Prof., VEC Ambikapur, CG 2. Miss Prachi Tiwari, Research Scholar, CV raman University, Kota, Bilaspur, CG 3. Shri Rajesh Prajapati, Research Scholar, UV Sanskar Mahavidyalaya, Latori, Surajpur, CG 4. Ku Sanu Kushwaha, Asstt. Prof., UV Sanskar Mahavidyalaya, Latori, Surajpur, CG 5. Shri Pankaj Yadav, Asstt. Prof., Deptt. Of Maths,, R.G. Govt. P.G. College, Ambikapur, CG</p> |
| 12:30 – 02:00 | <p style="text-align: center;"><u>Technical Session – VI</u></p> <p>Chair Person:- Dr. S. N. Pandey, Deptt. Of English, R.G. Govt. P.G. College, Ambikapur, CG Reporter: - Dr. Tripti Biswas, Deptt. Of Psychology, R.G. Govt. P.G. College, Ambikapur, CG</p> <p>Invited Talk:- 1. Dr. Priyanath Mal, Gwanju University of Science & Technology, South Korea 2. Dr. Bhupendra Kumar, Debrie Tabor University, Ethiopia 3. Prof. R.N. Khare, Principal, Govt. (VEC) Engineering College, Ambikapur (CG) 4. Dr. Richa Tripathi , College of Technology, Jerusalem, Israel 5. Dr. B.P. Tiwari, Principal, Sarswati PG College, Ambikapur, CG 6. Dr. A. K. Dwivedi, Deptt. Of Computer Science, Govt. VBSD Girls College, jashpur, CG</p> <p>Paper Presenter:- 1. Shri. Shashwat Shukla, , Research Scholar, K.S. Saket PG College, Ayodhya, UP. 2. Shri.Sanju Patel, , Research Scholar, R.G. Govt. P.G. College, Ambikapur, CG 3. Smt. Pooja Mishra, Research Scholar, R.G. Govt. P.G. College, Ambikapur, CG 4. Shri.Amit Agrawal, Lecturer, SAGES, Ambikapur, CG 5. Shri Shishir Dwivedi, , Research Scholar, R.G. Govt. P.G. College, Ambikapur, CG 6. Smt. Kusum Yadav, , Research Scholar, R.G. Govt. P.G. College, Ambikapur, CG 7. Smt. Kanchan Sahu, , Asstt. Prof., Deptt, of Chemistry, SSBAM Ambikapur C.G 8. Shri Govind Prasad, , Research Scholar, R.G. Govt. P.G. College, Ambikapur, CG</p> |
| 02:00 – 03:00 | Lunch |
| 03:00 – 04:00 | <p style="text-align: center;"><u>Poster Presentation Award Session</u></p> <p>Chair Person: - 1. Dr. B.P. Tiwari, Principal, Sarswati PG College, Ambikapur, CG (Session-I) 2. Dr. R. P. Singh, Deptt. Of English, R.G. Govt. P.G. College, Ambikapur, CG (Session-II)</p> <p>Valuator:- 1. Dr. Alok Chakrawarti, Deptt. Of mathematics, Holycross Women’s College, Ambikapur, CG 2. Dr. Neha Sharma, Department of Physics, Govt. Engineering College Ambikapur C.G. 3. Dr. Sangeeta pandey, Deptt. Of mathematics, R.G. Govt. P.G. College, Ambikapur, CG 4. Smt. Rashmit Kaur, Deptt. Of Commerce, R.G. Govt. P.G. College, Ambikapur, CG</p> |
| 03:00 – 04:00 | <p style="text-align: center;"><u>Young Scientist Award Session</u></p> <p>Chair Person: - 1. Prof. R.N. Khare, Principal, Govt. (VEC) Engineering College, Ambikapur (CG)</p> <p>Valuator:- 1. Dr. Sushil K Kashyap, Principal, SAG Science College, Ambikapur, CG. 2. Dr. Kavita Krishnamurty, Deptt. of Zoology, R. G. Govt. P.G. College, Ambikapur (C.G.) 3. Dr. Rameshwari Banjara, Deptt. Of Chemistry, R.G. Govt. P.G. College, Ambikapur, CG 4. Dr. Tripti Biswas, Deptt. Of Psychology, R.G. Govt. P.G. College, Ambikapur, CG</p> |
| 04:00 – 05:30 | <u>Valedictory Session</u> |

Office of the Principal Rajeev Gandhi Post Graduate College Ambikapur Sarguja C.G

Principal Message



Dear conference participants, I am honored to introduce the abstract book for the International Conference on New Emerging dimension in Science and Technology and Management on 12-13 Marh 2024. Your diverse research and innovation on display here epitomize the dynamism of the fields. I am excited about the collaborative potential within these abstract book. This conference represents the nexus of new ideas about science, Technology and Management and their application. Its an opportunity for knowledge sharing and cross disciplinary growth as you explore thes abstract I encourage you to seek inspiration, forge connection, and drive your passion for Science, Technology and Management to new heights. The Intellectual discourse here will un doutley safe the future of these discipline. I extend my appreciation to organizing committee, speakers, authors and reviewers for their invaluable contribution to this academic tapestry. Together lets impress the transformative power of science, Technology and Management.

I must thank to International and National Advisory committee for their guidance and local organizing committee teaching and non teaching staff for their sincere efforts to organize such scientific events in the beautiful campus of our college. I wish to all Participants a pleasant stay with the confidence that you will carry rewarding memories of all conference.

With Warm regards

Dr Rizwan Ullah

Patron and Principal

RG Govt PG College Ambikapur C.G.

**Department of Physics Rajeev Gandhi Post Graduate College
Ambikapur Sarguja C.G**

Convener Message



Dear authors and contributors I am so happy to introduce this abstract book for conference. This book represents the collective knowledge and innovative research that you have all generously shared with us. It is testament to the dedication and hard work that each of you has put into your respective fields. The abstracts book is a valuable resource that will be shared with attendees, colleagues and their broader academic community. It serves as a platform to disseminate your insight, ideas and discoveries. I would like to express my gratitude to all of your active participation and for enriching this book with your expertise and I am confident that they will inspire further exploration and advancement in your respective areas of research.

I am confident that this conference will get grand success with your wishes.

With Warm regards

Dr S.K.Srivastava

Convener , ICNEDSTM-2024

**Department of Physics Rajeev Gandhi Post Graduate College
Ambikapur Sarguja C.G**

CO- Convener Message



Dear professors, researchers, delegates and participants, it is my privilege and honour to welcome you all to the international conference on new emerging dimensions in Science, technology and management 2024. The main goal of organizing this conference is to share and enhance the knowledge of each and every individual in this fast moving technological era. We have given a good opportunity for those who have a thirst in knowing the present technology, developments and also share their ideas. Additionally this conference will also facilitate the participants to expose and share various novel ideas. The conference aims to bridge the researchers working in academia and other professionals through research presentations and keynote addresses in current technology trends. I hope that you would enjoy some of the many attractions found in and around our campus. I want to thank in advance the conference committee for extending their valuable time in organizing the program. I cordially invite all the enthusiasts to participate with full vigor in this event which can give immense exposure and global opportunities to all.

With Warm regards

Smt.Kiran Minj

CO- Convener , ICNEDSTM-2024

RG Govt PG College Ambikapur C.G.

**Department of Physics Rajeev Gandhi Post Graduate College
Ambikapur Sarguja C.G**

Organizing Secretary



Dear Delegates,

Warm greetings!!!

As face of the organizing committee and on behalf of each one of them, it is indeed a very great pleasure for me to welcome each one of you and your family to international conference on new emerging dimensions in Science, technology and management 2024 Department of Physics Rajeev Gandhi Post Graduate College Ambikapur Sarguja C.G.

As the organizing secretary, I am delighted to announce that our upcoming event will focus on the new emerging dimensions in Science, technology and management. It is imperative that we address these issues in today's world, and I am thrilled that our organization is taking a proactive approach to raising awareness and fostering discussions on these important topics. Each and every member of organizing committee has put their best of efforts to give this conference a memorable one in all good ways.

The conference will feature keynote speakers, panel discussions, and networking opportunities, providing a platform for meaningful exchange of ideas and knowledge sharing. We believe that your expertise and insights would greatly contribute to the success of this event.

We look forward to welcoming you to international conference on new emerging dimensions in Science, technology and management 2024 and are confident that your presence will enrich our discussions.

Best wishes

Dr. M.K. Maurya

Organizing Secretary,
ICNEDSTM-2024 RG
Govt PG College Ambikapur
C.G.

ORGANIZING COMMITTEE

Dr Rizwan Ullah
RG Govt PG College
Ambikapur C.G.



Patron

and Principal



Dr S.K.Srivastava
RG Govt PG College
Ambikapur C.G.

Convener

Smt. Kiran Minj
RG Govt PG College
Ambikapur C.G.



Co- Convener



Dr. M.K. Maurya
RG Govt PG College Ambikapur C.G.

Organizing Secretary

-:Organizing member:-



Mr. Javed Akaram
RG Govt PG College
Ambikapur C.G.



Miss Simran Soni
RG Govt PG College
Ambikapur C.G.



Miss Naved Fatima
RG Govt PG College
Ambikapur C.G.



Mr. Vinay Kumar
RG Govt PG College
Ambikapur C.G.

List of topics covered and Speakers/presenters and their affiliations

| S.No. | Topics | Name of Speakers/presenters | Affiliations |
|--------------|--------------------------------------------------------------------------------------------------------------------------------------|------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | “Soil and Environment- Schematic Study around Bisrapani Mainpat Chhattisgarh” | <i>BODH RAM CHAOHAN</i> | <i>Asst. Professor of Physics, Govt. S.P.M College Sitapur, Sarguja (C.G.) Research Scholar Sant Gahira Guru University Sarguja, &</i> |
| 2 | “Conformational, electronic properties and NLO analysis of 4-Carboxy-3-Fluorophenylboronic acid using quantum chemical calculations” | <i>Deen Dayal Dubey</i> | <i>Department of Physics, K S Saket P G college Ayodhya U.P. Corresponding Email : dddubey37@gmail.com</i> |
| 3 | “Role of Computer Networking for Rural Village upliftment” | <i>Sushil Kumar Singh</i> | <i>Asstt Prof. (I.T.) Government Science College Ambikpur(C.G.)</i> |
| 4 | “Laboratory Estimation of Microwave Hazardness present in Environment” | <i>Kiran Minz, S.K.Srivastava</i> | <i>Assistant Professor Department of Physics Rajiv Gandhi Government Post Graduate College Ambikapur (C.G.) 497001 INDIA</i> |
| 5 | “Role of Green Chemistry in Sustainable Development” | <i>Rohit Kumar Bargah</i> | <i>Assistant Professor and Head, Department of Chemistry and Research Centre, Govt. S.P.M. College Sitapur Sarguja</i> |

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| | | | (C. G.) India, 497111 |
| 6 | “Role of Microstrip antenna for Information Technology and Rural development” | <i>Dr R.K. Vishwakarama</i> | <i>Professor and Head ,Dept of Electronic Engg & Computer Science Jaypee University Guna M.P.</i> |
| 7 | “Best method to understand the Transfer Technology in rural area using Information Technology” | <i>Prof. Ramesh Jaiswal</i> | <i>Dept of Geography, RG Govt P.G.College Ambikapur (M.P.)</i> |
| 8 | “Study of Aspects of Stereo Chemistry with Analytical Study of Medicinal Science” (G.) | <i>Ku Sannu Kushwaha</i> | <i>Asstt Professor and Head , Department of Chemistry Uma Vindhyavasini Sanskar College Latori District Surajpur (C.</i> |
| 9 | Payload and sail loading dependence Study of design sensitivity function and characteristic acceleration of solar sail | <i>M. K. Maurya 1 , Rabia Sultan I* ,</i> | <i>M. K. Maurya 1 , Rabia Sultana I* , Department of Physics, Rajeev Gandhi Government P.G. College, Ambikapur-497001, Chhattisgarh, India *Corresponding author-email: rabia.mdgr@gmail.com</i> |
| 10 | study of crystallography and reciprocal space of higher oxides of lanthanides using electron and neutron diffraction , 1 | <i>Shishir Dwivedi I*</i> | <i>Department of Physics, Rajeev Gandhi Government P.G. College, Ambikapur-497001,</i> |
| 11 | Study of Electrical and mechanical Characteristics of Acrylic materials as an Energy Storage Devices | <i>Tanmay Jha 1 , Javed Akaram*</i> | <i>Department of Physics, Rajeev Gandhi Government P.G. College, Ambikapur-497001,</i> |
| 12 | Dielectric and Photoconductivity Dependence Study of Four-Wave Mixing Process in Photorefractive Materials 3 , | <i>T. K. Yadav 1 , M K Maurya, Satyam Kumar</i> | <i>1 Department of Physics, SVN P.G. College, Kalan Sultanpur-228172, Uttar Pradesh, India 3 Department of Physics & Electronics, Hansraj College, University Delhi-110007 India</i> |
| 13 | 7Critical Study on Reliability of Electron Temperature Measurement with Double Probe Method in Organic Gas Plasma | <i>Smt. Kiran Minj, A.K. Patel^{1*}, M. K. Maurya²,</i> | <i>¹Department of Physics, Govt. Kirorimal Art & Science P.G. College, Raigarh-496001, ²Department of Physics, Rajeev Gandhi Govt. P.G. College, Ambikapur-497001, Chhattisgarh,</i> |

| | | | |
|----|--------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 14 | Study of dielectric properties of plateau soil | Bodh Ram Chaohan^a S.K.Shrivastava^b | ^a Research Scholar, Department of Physics, Sant Gahira Guru University Surguja ^b Dean Sant Gahira Guru Univrsity Surguja, Ambikapur(C.G.). |
| 15 | Impact of Pesticides on Freshwater Fish Biodiversity | Mrs. Girija Singh | Assistant Professor(Zoology) Rajeev Gandhi Govt.P.G.College Ambikapur |
| 16 | Insect Growth Regulators (IGRs) as biopesticides: Alternative agrochemicals for sustainable agriculture | Kavita Krishnamoorti | Assistant Professor, Rajeev Gandhi Govt. PG College Ambikapur, Chhattisgarh |
| 17 | Prediction of psychological behaviour of student using machine learning technique” | *pooja mishra **Sunita Kushwaha | * Research Scholar, MATS School of Information Technology, MATS University, Raipur **Associate Professor, MATS School of Information Technology, MATS University, Raipur |
| 18 | Impact of E-waste Management on Environment and Sustainable Future: A comprehensive study | Monika Xess | Assistant Professor, Rajeev Gandhi Govt. PG College Ambikapur, Chhattisgarh |
| 19 | An in-Depth Analysis of Nanomaterials' Uses, Toxicity, Effects, and Environmental Fate | Dakeshwar Kumar Verma | Department of Chemistry, Government Digvijay Auto. PG College, Rajnandgaon, Chhattisgarh- |
| | Electronic properties,optical spectra and nonlinear optical properties of Imidazol derivative by using first principles | Shashwat Shukla* | Department of physics K S Saket PG College Ayodhya Email: shashwatjr@gmail.com |
| 20 | “ANALYTICAL STUDY OF SOIL PARAMETERS WITH CORRELATION OF DIELECTRIC BEHAVIOUR “ | Prachi Tiwari¹, A. K. Shrivastava² | Assistant Professor, Dr.CV Raman University Bilaspur |
| 21 | Green Chemistry: A Tool for the Sustainable Development of the Chemical Industry | *Rohit Kumar Bargah | *Assistant Professor and Head, Department of Chemistry, Govt. S.P.M. College Sitapur Surguja |
| 22 | Solar-assisted Technology-based Vapor compression and Vapor absorption Refrigeration | Systems Prakash Kumar Pandey ^{1,*} , H. Chandra ^{2,*} and P.B. Deshmukh ³ | ¹ Research Scholar, CSVTU Bhilai (CG), ² Associate Professor, VEC Ambikapur (CG), ³ Director, SSTC Bhilai (CG) |

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II. Summary of Presentations

Ist Session

Lecture-I

Prof. Sanjay Kumar Pandey

Professor Mathematical science IIT BHU Varanasi

Explained modeling of dynamics and atmospheric whirlwinds. Introduces to atmospheric vortices, tornadoes, cyclones and physical wind. Also described types of tornadoes, landspout, water spot, dust devil, multiple vortex and tropical cyclone. He also explained world wide model Pandey and Mourya model, Baker's model and studied the velocity on sea surface and heat generation.

Lecture-II

Prof. Akhilesh Kumar Singh

School of material and tech. IIT BHU

Described Structure Property correlation in multifunctional materials for sensor and energy . Discussed about solid oxide fuel cell adaptive fluoride , dielectric and piezoelectric MPB ceramics, multiferroic ceramics and composites. Given detail about cmr materials and phosphor materials and also discussed perovskite structure and multifunctional perovskite titanates.

Lecture-III

Dr. Kusumanjali Deshmukh

Govt. College Durg

A wide explanation given on technology driving future challenges for research in material science. Presented theoretical model of thin film, typical steps in making thin films, thermodynamics and properties of thin films. Also explained bond formation, optical properties, thin film characterization, contribution of research, density function theory and mathematical modeling.

Reported By

Dr. Rameshwari A. Banjara
Assistant Professor, Department of Chemistry,
Rajeev Gandhi Govt. Post Graduate
College Ambikapur (C.G.) India

INTERNATIONAL CONFERENCE ON NEW EMERGING DIMENSIONS IN SCIENCE TECHNOLOGY AND MANAGEMENT

12-13 March 2024

Organised by department of Physics Rajiv Gandhi Govt. PG college, Ambikapur.

Report of technical session VI, 13-03-2024

chairperson : Dr.S.N.Pandey, department of English, Rajiv Gandhi Government PG College
Ambikapur

Reporter: Dr. Tripti Biswas, department of psychology, Rajiv Gandhi Government PG College
Ambikapur


In this technical session the first presenter was Professor M.M. Ranga. He delivered a lecture on Environmental Threats to Biodiversity and its Mitigation Measures through modern technologies VIZ, AI, Blockchain and High technology maps. In his lecture he mentioned data of World Economic Forum (1922), Centre for science and environment (1921) and discussed sustainable development goals 2030. He also discussed inter Governmental Science Policy Platform for Biodiversity and Ecosystem Services. IBPES and GEO 6 report. Commission on Ecosystem Management (CEM). When he was discussing about the impact of biodiversity on ecosystem he told importance on fauna and flora with various suitable examples. Further he also discussed Ecosystem Restoration and Mitigation measures. He also discussed about Environmental threats and consequences. He summarized his lecture with the fruitful suggestions.

As a second presenter Ms. Monica Xess was delivered her lecture on "Impact of e-waste management on Environment and Sustainable Future." In this reference she discussed about 3 R(Reduce- Reuse-Recycle) and tried to explain why E-waste is Hazardous?.She explained about categories of E-waste material (major appliances, small appliances, computer and telecommunication appliances) .She also discussed about impact of E-waste on Environment, Global and Indian E-waste scenario. Further she discussed about E-waste recycling practices in India, regulations agencies E-Waste management. She concluded her lecture with future perspective and suggestions.

Speaker's name and affiliation

International Speakers

| S.No. | Photo | Name of Resource Persons/ Invited Speakers |
|-------|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------|
| 1. |  | Dr. S. K. Ghoshal University Teknologi Malaysia |
| 2. |  | Dr. R. Palai University of Puerto-rico San-Juan, USA |
| 3. |  | Dr. Bhupendra Kumar Debre Tabor University, Ethoipa |
| 4. |  | Dr. Dheeraj Chouhan King Fahh University of Petroluem and Minerals Dehran Saudi Arebia |
| 5. |  | Dr. Sadiya Afrin Bangladesh University of Engineering and Technology Dhaka Bangladesh |
| 6. |  | Dr. Richa Tripathi College of Technology Jerusalem, Israel |
| 7. |  | Dr. Priyanath Mal Gwangju University of Science and Technology South Koria |

| | | |
|----|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| 8. |  | Dr. Shashank Tripathi National University of, Singapore, Singapore |
|----|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|

National Speakers

| S.NO | NAME OF RESOURCE PERSON | ADDRESS |
|------|-------------------------------------------------|----------------------------------------------------|
| 1. | Prof. P.K. Bajpayee, Vice Chancellor | Jai Prakash University Chhapra Bihar |
| 2. | Prof. S.N. Shukla, Vice Chancellor | Pt. Ravi Shankar Shukla University Raipur |
| 3. | Prof. Sanjay Tiwari, Vice Chancellor | Bhoj University Bhopal, M.P |
| 4. | Prof. R.N.Khare | Principal, Govt Engg.College Ambikapur |
| 5. | Prof . M.M. Ranga | Ex-Dean SGGU, Jodhpur, Rajasthan |
| 6. | Prof. H. S. Tiwari | Dean, G.G.U Central University Bilaspur |
| 7. | Prof. Jai Singh | G.G.U Central University Bilaspur |
| 8. | Prof. S. K. Pandey | Head, Math Dep I.I.T B.H.U. Varanasi U.P |
| 9. | Prof. Akhilesh Kumar Singh | Coordinator SMST I.I.T B.H.U. Varanasi U.P |
| 10. | Prof. Manoranjan Singh | Head, Dept of Mathematics, Bodhgaya , Bihar |
| 11. | Prof. Rajesh Srivastava | Principal, SSBAM, Ambikapur |
| 12. | Prof. A.K. Srivastava | Dean, C V Raman University Bilaspur C.G. |
| 13. | Prof. Vinod Dubey | Science College Raipur Chhattisgarh |
| 14. | Prof. B.K. Sinha | CEC College Bhopal, Madhya Pradesh |
| 15. | Dr. Ashish Banjara | GGU Bilaspur Chhattisgarh |

| | | |
|-----|---------------------------------|-----------------------------------------------------|
| 16. | Dr. Neha Sharma | Govt Engg.College Ambikapur |
| 17. | Dr. Kamal Kishore Pandey | J.N.Post Graduate College Lucknow ,U.P. |
| 18. | Dr. Divyanshi Srivastava | Govt B.J.Medical Collewge Pune, M.H. |
| 19. | Dr. A.K. Pandey | K.S.Saket Post Graduate College Ayodhya U.P. |
| 20. | Ms. Harsha Prasaad | Dept of Material Science I.I.T. Kanpur U.P. |
| 21. | Dr. Kushmanjali Deshmuks | Govt Science College Durg Chhattisgarh |
| 22. | Dr. Rajesh Vishwakarma | J.P.University Guna, Madhya Pradesh |
| 23. | Dr. Dhiraj Yadav | Dept of Farm Forestry UTD SGGU Ambikapur |
| 24. | Dr, B.P.Tiwari | Principal Saraswati College Ambikapur |
| 25. | Dr. S.K.Kashyap | Principal, Science College Ambikapur C.G. |
| 26. | Dr. Ritesh Verma | Principal, KRTC Ambikapur Chhattisgarh |
| 27. | Dr. Dakeshwar Verma | Govt P.G.College Rajnandgaon Chhattisgarh |
| 28. | Dr. R. K. Bargah | Head, Chemistry Dept SPM College Sitapur |
| 29. | Dr. S. K. Dewangan | SSBAM Ambikapur Chhattisgarh |
| 30. | Dr. A.K.Dewidi | Govt VBSD College Jaspur C.G. |
| 31. | Dr.M.Z.Khan | C V Raman University Bilaspur C.G. |
| 32. | Dr.H.S.P.Tonde | Head, Computer Scien. UTD SGGU Ambikapur |

III. Key Takeaways

Main points and insights gained from the seminar/workshop

Practical applications and implications

Organizing Committee

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Principal, RG Govt.P.G. College
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Dr. S.K.Srivastava
Professor & Head,
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Ku. Naved Fatima, Dept of Electronics

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| Dr.Trupti Biswas, | HOD Psychology |
| Mrs. Jyoti Lakra, | HOD Anthropology |
| Shri Chetan Kumar, | HOD Comp. App. |
| Shn Rajeev Kumar, | HOD Sanskrit |
| Ms Monica Xess, | HOD Comp. Sc. |
| Mr. Chaman Kumar, | Librarian |

Important Dates

Abstract submission 18-02-2024
Acceptance of Abstracts 20-02-2024
Submission of full paper 25-02-2024

About College

Rajeev Gandhi Govt. P.G. College Ambikapur, Surguja (C.G.) is an institute of excellence committed since its establishment in 1960 to the all round development of students particularly the deprived sections of society and to help them imbibe the highest values of human civilization, inspiring them to become worthy citizens of India of future.

Our mission is to provide such education that supports and promotes employment generation but not at the cost of our value system. Our emphasis is on access, equity, excellence and relevance. Our endeavor is to provide fair opportunities to the deserving and ambitious students. Our efforts would be to provide fair opportunities to all the students from weaker sections of the society to acquire special and useful knowledge...

Post Graduate and 24 Under Graduate department. Each PG Department have own research Centre

Registration Fee details

| | |
|----------------------|-----------------|
| Academician /faculty | Rs 1000.00 only |
| Research scholar | Rs. 500.00 only |
| Students (UG + PG) | Rs. 300.00 only |

Google Form Link –

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https://docs.google.com/forms/d/e/1FAIpQLSdJoHmRFDGKaidHRhO7H4IQvmFZ4q9B01GnV0_MIKN6RJB8Q/viewform?usp=sf_link

International Conference

on

**New Emerging Dimension in Science,
Technology and Management**

6-7th March, 2024



-:Organized By :-



**Department of Physics and
Electronics**

**Rajeev Gandhi Government
Autonomous Post Graduate
College
Ambikapur Surguja Chhattisgarh**

International Advisory Committee

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About the Conference

International conference on New Emerging dimension on Science, Technology and Management is going to organize by Department of Physics on the occasion National Science day. The basic aim to organize this conference to meet the scientist, teacher and researcher on common platform to interact and discuss about the events happening in the area of science , Technology, and management.

This conference is aimed at providing the 360 degree understanding of the three pillars of sustainable development Science, Technology and Management making it ideal choice to equip prospective students to work in research, project management, governance and administration for environmental protection and sustainable development.

Sub-Topic of the Conference

The following sub topics should be discussed in the conference

- Antenna and Microwave Propagation
- Electronic and Glass Ceramics
- Microwave Processing of Ceramic Materials
- Synthesis and characterization of Ceramic Materials
- Soil Physics and Remote Sensing
- Effect of Microwave Radiation on Biological Tissue
- Non-Conventional Energy Resource
- Socio Economic Survey of Rural Area
- Recent development in Management
- Phyto-Electric treatment of Plant
- Nano Technology
- Stellar and Nuclear Physics
- Computer Network and ICT
- Business Management
- Biodiversity conservation and ecosystem series.
- E-waste management and waste management hazards.

Paper Submission Guidelines

The Delegates who are willing to contribute/ participate/ Paper Presentation can submit their papers on the above themes and sub-themes with abstract not exceeding 250 - 300 words. Full-length paper approximate 3000-4500 words.

Abstract and full-length paper should be sent to- Email: akramj392@gmail.com

The selected papers will be published in book with ISBN in an International/ National Publisher.

All the submission should be in MS word formats typed in double space Time New Roman font 12 point size for English paper. The first page must contain the title of the paper, Author's Name, Designation, Affiliation, Contact Number and email-id.

(Extra charge Rs. 1000.00 for ISBN Book/Peer Reviewed/ Scopus Journal, hard copy/ softcopy)

No TA/DA will be provided to the Participants.

Registered participants will be provided seminar kit, Breakfast and lunch.

Award on Best Presentation

As a part of this conference, a poster presentation session is also arranged for participants at the institute. It is a platform where you can show case your research in a creative way. You will get a chance to connect with well-known academia and researchers during the seminar.

The best poster presentation will receive a prize (Rs. 1000.00 Only) while each participant will get a certificate of participation. Poster Size - 48" x 60" Inch / 1.2 x 1.5 Meter.

International Conference
12-13 March 2024
Rajeev Gandhi Govt. Post Graduate College Ambikapur, Surguja C.G.

Valedictory Function

Invitation

You are cordially invited in Valedictory Function
after completion of two days international conference on "New Emerging Dimension in Science, Technology and Management", organized by Department of Physics, Rajeev Gandhi Government Post Graduate College Ambikapur Surguja, Chhattisgarh

Chief Guest

Dr. R.N. Khare Principal,
Government Engineering College Ambikapur

Preside over the function

Dr. Rizwan Ullah Principal,
Rajeev Gandhi Govt. Post Graduate College Ambikapur, Surguja C.G.

Guest of Honour

Dr. Ramesh Jaiswal Asst. Prof & HOD
Geography

Mrs. Saroj Tirkey Asst. Prof & HOD
Chemistry,

Dr. Abha Jaiswal Asst. Prof & HOD Hindi,

Dr. R.K. Mishra Asst. Prof & HOD English,

Dr. A.K. Sinha Asst. Prof & HOD Geography

Dr. Snehlata Srivastava Asst. Prof & HOD
Political Science,

Dr. A.K. Gaur Asst. Prof & HOD Commerce,

Dr. Mamta Garg Asst. Prof. & HOD History,

Dr. Pratibha Singh Asst. Prof. & HOD
Sociology,

Dr. J. N. Pandey Asst. Prof & HOD
Economics,

Dr. Tripti Vishwas Asst. Prof. & HOD
sociology

Dr. Jermina Tirkey Asst. Prof. & HOD
Zoology,

Dr. Sangeeta Pandey Asst. Pro & HOD Maths

Date-13 March

Time-4.00 pm

Venue-College Meeting Hall

With Regards

Mr. Javed Akaram
Asst. Secretary

Dr. M.K. Maurya
Secretary

Kiran Minj
Co- Convenor

Dr. S.K. Srivastava
Convenor

VI. Conclusion

New technology developments show no sign of slowing down. Over time, other new technologies will emerge beside the three technologies discussed in this seminar. Educators will continue to be challenged to incorporate these new technologies as they emerge. In responding to this challenge, the following needs to be considered:

1. New technologies are not necessarily better than existing technologies for teaching. They may however offer new opportunities for teaching differently, and may enable new or better learning outcomes, as well as improving on existing learning outcomes.
2. Old technologies rarely disappear completely as a result of popular new technologies. Older technologies become more focused and find a niche that they serve best.
3. Most educators will be best served by not jumping on the latest technology bandwagon, but should wait a couple of years for a particular technology to reach at least the Gartner 'slope of enlightenment' before experimenting with the new technology.
4. More important than the general characteristics of a new technology is its design and application in education; in other words, how does it perform as an educational medium? Being a big success in the financial sector for instance does not mean a technology will be automatically appropriate for education. Indeed, the technology may need to be heavily adapted or modified to be useful in the educational sector.
5. Given the rate of change and the number of new technologies entering the market, educators need a strong framework or set of criteria for selecting and evaluating technologies, not just emerging technologies but also existing technology. This will be discussing in the following final section of this chapter.

VII. Appendices

List of participants

| Timestamp | APPLICANT NAME | APPLICANT FATHER'S NAME | CONTACT NO. | EMAIL ID | DESIGNATION |
|----------------------|-------------------|-------------------------------|----------------|-----------------------------|-------------|
| 2/8/2024 18:45:19 | Swatantra Singh | Arun Kumar Singh | 926090051 9 | swatantra7975@gm ail.com | STUDENTS |

| | | | | | |
|-----------------------|----------------------------|----------------------|----------------|---------------------------------|------------------|
| 2/9/2024 4:32:08 | SANDEEP RAM | SUDU RAM | 930213834 4 | sandeepram48431@gmail.com | STUDENTS |
| 2/10/2024 8:06:17 | Muskan | Md Sakil Ahammed | 903954207 4 | Khandelhi1997@gmail.com | STUDENTS |
| 2/17/2024 14:55:18 | Shailesh Kumar Dewangan | Lekh Ram Dewangan | 831995322 6 | shaildew12@gmail.com | RESEARCH SCHOLER |
| 2/22/2024 8:06:48 | Jay Kumar Mehra | Minta Ram Mehra | 831927067 8 | jkmehta.phd2019.phy@nitrr.ac.in | RESEARCH SCHOLER |
| 2/22/2024 21:37:07 | Kiran Gupta | Shyam Kumar Gupta | 626541210 0 | guptakiranphysics@gmail.com | RESEARCH SCHOLER |
| 2/24/2024 0:12:09 | Dr. Rakesh Kumar Kurre | Dilip Kumar Kurre | 975322336 2 | kurre.rk@gmail.com | FACULTY |
| 2/24/2024 0:16:20 | Sandhya Patre | Mohan Lal | 992637298 8 | jmpphysics22@gmail.com | FACULTY |
| 2/24/2024 22:01:23 | Mahendra Kumar Patre | Ramcharan | 789832310 0 | mahendrakumarpatre@gmail.com | FACULTY |

| | | | | | |
|-----------------------|-----------------------|---------------------------|----------------|-------------------------------------|---------------------|
| 2/27/2024 19:37:38 | Uttam prakash | Abinath lakra | 797451949 9 | Prakashlakra1994@ gmail.com | FACULTY |
| 2/28/2024 4:49:23 | Govind Prasad | Anand Ram | 846186228 9 | govindYadav3791@ gmail.com | RESEARCH SCHOLER |
| 2/28/2024 17:42:13 | Labhesh Baid | Chandra Kumar Baid | 887132098 8 | Labheshbaid777@g mail.com | RESEARCH SCHOLER |
| 2/28/2024 19:01:34 | Dr Priyanka Singh | Mr A. B Singh | 883978094 1 | singhpriyanka2107@ gmail.com | FACULTY |
| 2/28/2024 21:39:36 | Pawan Chaudhary | Heeralal Chaudhary | 797491625 3 | abhinesh8622@gmai l.com | FACULTY |
| 2/29/2024 12:42:55 | □□□□□ □□□□□ □□□□□□ | □□□□ □□□□□□ □□□□□□ | 626182698 6 | rrupeshkumargupta2 442@gmail.com | STUDENTS |
| 2/29/2024 14:53:02 | Kritika Sinha | Brij kishore sinha | 835797675 0 | Kkritikasinha@gmail. com | RESEARCH SCHOLER |
| 3/1/2024 6:47:26 | BEERBAL KUSHWAHA | SHRIKISHUN | 626105625 0 | beerbalkushwaha66 @gmail.com | PGT PHYSICS TEACHER |
| 3/1/2024 14:00:01 | Pooja Mishra | Shri Anuj Kumar Pathak | 913106554 6 | shubhpooja1919@g mail.com | FACULTY |
| 3/2/2024 20:46:10 | SURESH KUMAR | MR. DHARMJEET | 777193828 5 | sureshkumar260820 02@gmail.com | STUDENTS |

| | | | | | |
|----------------------|-----------------------|-------------------------------|----------------|-----------------------------------|------------------|
| 3/3/2024 19:39:22 | SURESH KUMAR | MR. DHARMJEET | 777193828 5 | sureshkumar260820 02@gmail.com | STUDENTS |
| 3/3/2024 21:37:17 | MANU YADAV | MR. GANESH PRASAD YADAV | 799958696 4 | manyudav75142@g mail.com | STUDENTS |
| 3/4/2024 13:13:44 | BODH RAM CHAOHAN | B. R. CHAOHAN | 966985032 5 | bodh1205g@gmail.c om | RESEARCH SCHOLER |
| 3/4/2024 21:07:52 | ANKIT KUMAR SHARMA | MEWA LAL | 945437735 7 | ankitsharma10994@g mail.com | STUDENTS |
| 3/4/2024 21:48:01 | Govind Prasad | Anand Ram | 846186228 9 | govindYadav3791@g mail.com | RESEARCH SCHOLER |
| 3/5/2024 10:47:20 | DIKSHA Neha toppo | Micheal Toppo | 620306365 7 | dikshatoppo21@gma il.com | STUDENTS |
| 3/5/2024 10:47:33 | Preeti | Balmukund | 626707277 6 | preetisonwani557@g mail.com | STUDENTS |
| 3/5/2024 14:35:46 | Pravin Sharma | Hari Sharma | 843530945 2 | Pravin.sharma3192 @gmail.com | RESEARCH SCHOLER |
| 3/5/2024 14:38:11 | Pravin Sharma | Shree Hari Sharma | 843530945 2 | Pravin.sharma3192 @gmail.com | RESEARCH SCHOLER |

| | | | | | |
|----------------------|--------------------------|-----------------------|----------------|---------------------------------|------------------|
| 3/6/2024 11:02:00 | Shruti | Rakesh Kumar | 964647835 8 | shruti.rs.mat21@itbh u.ac.in | RESEARCH SCHOLER |
| 3/6/2024 13:57:33 | MONIKA XESS | THOMAS XESS | 883915677 0 | monika.xess92@gm ail.com | FACULTY |
| 3/6/2024 14:03:55 | Vineet Kumar Mannaday | Heera Lal Mannaday | 750996466 2 | vkmannaday.gnkc@ gmail.com | FACULTY |
| 3/6/2024 14:52:27 | Dr. H D Mahar | Shri R P Mahar | 798785332 5 | drhdmahar@gmail.c om | FACULTY |
| 3/6/2024 17:19:10 | Shashwat Shukla | Jaish Raj Shukla | 700739500 5 | shashwatjr@gmail.c om | RESEARCH SCHOLER |

| | | | | | |
|----------------------|------------------------|--------------------------|----------------|-----------------------------------|------------------|
| 3/7/2024 15:06:16 | Prachi Tiwari | Dr K P Tiwari | 799978983 6 | profkpt@gmail.com | RESEARCH SCHOLER |
| 3/7/2024 15:48:19 | Prem kumar yadav | Lokhnath yadav | 830503892 5 | premkumary783@ mail.com | STUDENTS |
| 3/7/2024 16:08:30 | PRAMILA YADAV | LOKHNATH YADAV | 909853431 9 | yadavpramila65@ gmail.com | STUDENTS |
| 3/7/2024 21:53:50 | Shashi Kant Rathore | Budhram Rathore | 998136877 0 | shashikanrathore49 @gmail.com | RESEARCH SCHOLER |
| 3/8/2024 18:38:06 | Vishnu Kumar | Ramjeet | 982666107 6 | vishnuap654@ gmail.com | RESEARCH SCHOLER |
| 3/8/2024 20:07:43 | Sadhana ekka | Thibu ekka | 930265308 1 | sadhanaekka0@ gmail.com | STUDENTS |
| 3/8/2024 21:55:26 | Kavita prajapati | Shri Balsai prajapati | 930296884 2 | kavitaprajapati2234 @gmail.com | STUDENTS |
| 3/9/2024 9:03:31 | DEEN DAYAL DUBEY | JITENDRA KUMAR DUBEY | 700707947 4 | dddubey37@ gmail.com | STUDENTS |

| | | | | | |
|----------------------|------------------------------|-----------------------------|----------------|-----------------------------------|------------------|
| 3/9/2024 10:21:59 | Sunil Kumar Gupta | Late Hira Lal Gupta | 940604311 1 | sunil9406043111@g mail.com | RESEARCH SCHOLER |
| 3/9/2024 11:43:30 | Satyam yadav | Shiv prasad yadav | 626511239 6 | satyamyadavsatya18 3@gmail.com | STUDENTS |
| 3/9/2024 11:43:38 | MANMOHAN KUMAR SONWANI | VIPAT RAM | 626876943 9 | manmohansonwani1 234@gmail.com | STUDENTS |
| 3/9/2024 11:44:07 | Anukant lakra | Antony lakra | 917416675 6 | anukantlakra73@gm ail.com | STUDENTS |
| 3/9/2024 11:45:21 | Sahil K kushwaha | Rajesh k kushwaha | 992612973 3 | sahilkushwaha499@ gmail.com | STUDENTS |
| 3/9/2024 13:08:33 | VIKAS KUMAR | PARMESHWAR | 982637559 4 | vkbeck106@gmail.c om | FACULTY |
| 3/9/2024 13:19:52 | VIKAS KUMAR | PARMESHWAR | 982637559 4 | vkbeck106@gmail.c om | STUDENTS |
| 3/9/2024 13:27:26 | SUSHMA RATHORE | Mr. RAM RATAN RATHORE | 626750473 2 | Sushmarath773@gm ail.com | STUDENTS |
| 3/9/2024 13:34:15 | NANDNI SINGH | BHOOPNATH SINGH | 886491441 1 | Singhnandni31@gm ail.com | STUDENTS |

| | | | | | |
|-----------------------|---------------------------|---------------------------------------|----------------|--------------------------------------|------------------|
| 3/9/2024 13:44:03 | Vikas Shrivastava | Late Shri Parmanand Shrivastava | 982653848 0 | vikas.shrivastava197 8@gmail.com | RESEARCH SCHOLER |
| 3/9/2024 22:49:15 | Arti Mishra | Sant Prasad Mishra | 942470052 5 | mishraarti1985@gm ail.com | RESEARCH SCHOLER |
| 3/9/2024 22:56:26 | Yuwraj Kumar Tiwari | Laxman Prasad Tiwari | 826903917 4 | mishraarti1985@gm ail.com | RESEARCH SCHOLER |
| 3/9/2024 23:26:57 | SANJU PATEL | D.P.PATEL | 975446815 6 | mrsp5252@gmail.co m | RESEARCH SCHOLER |
| 3/10/2024 13:52:10 | Jahnvi Srivastava | Mahesh Kumar Srivastava | 934063654 0 | jahnvisrivastava2708 @gmail.com | STUDENTS |
| 3/10/2024 15:22:49 | Dr. Praveen Kumar Sahu | Shri H. R. Sahu | 810308920 7 | pks.gspm@gmail.co m | FACULTY |
| 3/10/2024 16:05:06 | Raj kumar yadav | Shri Tulsi prasad yadav | 769746164 8 | rajbalrampur1985@g mail.com | RESEARCH SCHOLER |
| 3/10/2024 17:33:53 | Sanju Singh | Satyendra Singh | 758718782 6 | itsmesanju.singh@g mail.com | RESEARCH SCHOLER |
| 3/10/2024 21:12:27 | Priyanka Singh Chauhan | Devanand Singh Chauhan | 626199559 0 | priyankasinghchauha n36@gmail.com | STUDENTS |

3/10/2024

21:48:33 Harsh Verma

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RESEARCH SCHOLER

Photos and paper cutting of the seminar



विज्ञान, तकनीकी के सही प्रबंधन से ही स्वदेशी तकनीक करेगा विकास

पीजी कॉलेज में भौतिकी विभाग का अंतरराष्ट्रीय संगोष्ठी

नवभारत ब्यूरो। अंबिकापुर।

पीजी कॉलेज में भौतिकी विभाग के द्वारा दो दिवसीय अंतरराष्ट्रीय संगोष्ठी का आयोजन किया गया। विज्ञान, तकनीकी, प्रबंधन में उभरते नए आयाम विषय में आयोजित संगोष्ठी में भारत के अलावा युएसए से डॉ. घोषाल, साऊदी अरब से डॉ. धीरज सिंह चौहान, बांग्लादेश से डॉ. सादिया आफरीन, साउथ कोरिया से डॉ. एस पिल्लई, इजराइल से डॉ. रीजा त्रिपाठी, सींगापुर से डॉ. शशांक सेंगर त्रिपाठी सहित आईआईटी, बीएचयू वाराणसी, लखनऊ विश्वविद्यालय, आईआईटी कानपुर, डॉ. बी हर्षा प्रसाद सहित देश और विदेश के 73 वैज्ञानिक, प्राध्यापक, शोधार्थी शामिल हुए। विदेशों से विषय विशेषज्ञों ने ऑनलाइन प्लेटफार्म से शिरकत की। जबकि भारत के कई राज्यों से विद्वान



पहुंचे। संगोष्ठी का शुभारंभ गुरु घासीदास केंद्रीय विवि रायपुर के डीन व कुलपति डॉ. एचएस तिवारी के द्वारा मां सरस्वती की छाया चित्र के समक्ष दीप प्रज्ज्वलीत कर किया गया। कार्यक्रम को संबोधित कर मुख्य अतिथि ने कहा कि विज्ञान और तकनीकी के सही प्रबंधन से ही देश स्वदेशी तकनीक में समुचित विकास के पथ पर अग्रसर हो सकेगा। भौतिकी विभाग के विभागाध्यक्ष डॉ.

एसके श्रीवास्तव ने कहा कि विज्ञान तकनीकी के क्षेत्र में प्रबंधन की कमी वे चलते इसका विकास स्वाभाविक गति से नहीं हो पा रहा है। प्रो. एसके पांडेय गणित मॉडल पर आधारित विज्ञान, प्रौद्योगिकी प्रबंधन पर व्याख्यान दिया। प्रो. अखिलेश सिंह, प्रो राजेश श्रीवास्तव सहित अन्य वक्ताओं ने भी कार्यक्रम को संबोधित किया। आभार प्रदर्शन सहसंयोजक किरण मिंज ने किया।



