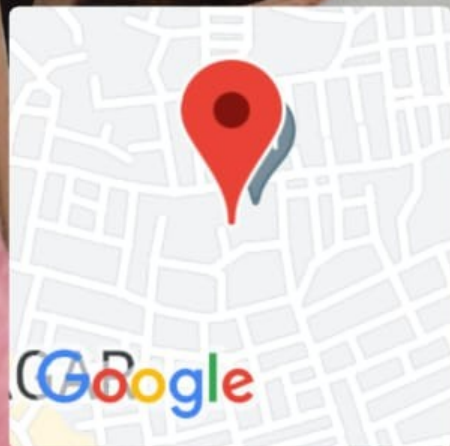


# DEPT. OF PHYSICS & COMPUTER SCIENCE





GPS Map Camera



**Bhopal, Madhya Pradesh, India**

5C89+WVC, Sector B Rd, Sector H, Rajharsh Colony, Kolar Rd,  
Bhopal, Madhya Pradesh 462042, India

Lat 23.167313°

Long 77.419781°

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Department of physics established in 1982 and department of computer science established in 2005. The courses offered was B.Sc. PCM and B.Sc. PMCs. The number of sanctioned teaching post is 04. We have NEP choice based credit system and Annual System. We have one lab technician and one lab attendant. The qualification of teaching faculty are Ph.D.

Our faculty attend regular training workshop, seminars, and faculty development programmes. Teaching methods adopted by the faculty are chalk and talk method, lecture mode, power point presentation, Online classes by Google meet and CCE by Google form, demonstration, group discussion and educational tours.

We have well equipped three separate laboratories for B. Sc. Students.

- Specimen copies of course books are given to the students under the scheme of Departmental book bank.
- Broadband connectivity for students is provided in the department of physics and in computer science lab.
- Bridge classes and remedial classes are taken for weak students.
- Equal emphasis is given on theory as well as experiment.

Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance									
Name	Qualification	Year of Appoin tment	Year of present college posting	Design ation	Specialization	Experienc e		No of PhD. students guided for last 5 yr	
						UG	PG		
Dr Ragini Tiwari	M.Sc Physics Ph.D	04/9/1982	23/6/2012	Prof.	Electronics	40 yrs	09 yrs	Nil	
Dr. Harsha Jalori	M.Sc Physics Ph.D	16/10/1993	16/6/2015	Prof.	Digital Electronic	29 yrs	9yrs	3	
Dr. Mamta Pandey	M.Sc Physics Ph.D	23/11/1989	18/6/2015	Prof.	Electronics	33 yrs	24 yrs	Nil	
Dr. Dharmesh K Khare	M.Sc. Applied Physics Ph.D	15/01/1985	09/8/2021	Associ ate Prof.	Electronic and Radio Physics	37.5 yrs	24yrs	Ni	
Mr. Vipin Kumar	MCA,M.Phil	16/09/2010	16/09/2010	Guest faculty	Computer Application	10	Nil	Nil	



# Faculty members

Dr. Ragini Tiwari



Head of Department

**Dr. Ragini Tiwari-** Incharge Pricipal during from 01/01/2019 to 20/6/2019 and 28/8/2021 to 26/10/2021

Dr Harsha Jalori



**Dr. Harsha Jalori**

**Professor Physics**

**Deptt. Of Physics**

**Govt. Dr. Shyama Prasad Mukharjee Science & Commerce PG College**

**Bhopal (M.P.)**

**Email – jalori.harsha@gmail.com**

**Mobile- +919425637396**

**Research Publications**

**List of Research Papers Published in International and National Journals**

1. Harsha Jalori, Shivali Verma, Harleen Kaur, "Wavelet Analysis of Ionospheric Anomalies Prior to the Low Latitude Earthquake", International Journal of Science, technology and Management, Vol. No. 6, Issue No. 05, May 2017, ISSN (O) 2394-1537, ISSN (P) 2394- 1529, Pages 505-511.
2. Harsha Jalori, "Statistical Analysis of Geomagnetic storms during Solar cycle 23 and 24 Journal of Advances and Scholarly Researches in Allied education ,Vol 15 ISSN 2230 - 7540 ,Impact Factor 3.46 UGC Approved Journal 1/12/2018.
3. Harsha Jalori, "Role of ICT in Teaching Learning Process", Proceedings of National Seminar on Quality Enhancement in Higher Education Institutions, March, 2019, ISBN: 978-81-942532-0-4, pp 95-97.
4. Anoop Parsai, Dr. Harsha Jalori and Dr. S. K. Jain "Analysis of Space Plasma Parameters Through Wavelet Transform During The Solar Cycle-23", Gradiva Review Journal volume 7, Issue 2, February 2021 Page No 85-92 An UGC-Care Approved Group -II ISSN NO :0363-8057.
5. Anoop Parsai, Dr. Harsha Jalori and Dr. S.K. Jain " Study of Coherent Structure and intermittency of solar plasma Dickensian Journal , Vol. 21, issue 9, sept. 2021, Page No.60 -72 an UGC Care Approved Group-II ISSN no: 0012-2440.
6. Anoop Parsai ,Harsha Jalori "Comparative study of turbulent nature of Solar Plasma during the Solar cycle 23 and 24 " , Journal of Emerging Technologies and innovative reseach (JETIR) December 21 ,Volume 8 issue 12 JETIR.ORG ISSN; 2349-5162
7. Dheerendra Shankar Sachan , Harsha Jalori and Shailesh Jaloree "Fractional Calculus of Product of M-Series and I-function of Two Variables" Jnanabha .Vol...52(1) (2022) 189-202

## List of Research Papers Presented in Various Conferences/Symposium

1. Harsha Jalori "Wavelet analysis of ionosphere anomalies prior to low latitude earthquake"  
International conference on emerging trends in engineering, Technology, science and management 20th

May 2017 organized by Lakshmi Narain College of technology , Bhopal.

2. Harsha Jalori "IQAC as a tool for improving quality education in educational institute"  
national seminar on Role of IQAC in exploring interdisciplinary approaches in higher education for quality enhancement , 10th oct 2017, organized by internal quality assurance cell, career college, Bhopal.

3. Harsha Jalori "Quality Assurance in Higher Education: needs, challenges and applications"  
29th Jan 2018, organized by department of Mathematics and IQAC cell Chandra Shekhar Azad, Govt. P.G.College, Sehore.

4. Harsha Jalori, "Advancement in Developing India : Science & Technology", 24-25 Feb 2018 National Conference on "Recent Advancement in Developing India", organized by Engineering Management & Medical Research association (EMMAS)

5. Harsha Jalori, "Headway in creating India Science & Innovation advancement", 27-28 Feb 2018, National seminar on "Role of science in the development of the society and Science day celebration", organized by the department of Zoology, Govt. Motilal Vigyan Mahavidhalaya, Bhopal (M.P.)

6. Harsha Jalori, "Part of IQAC in keeping up quality principles in educating, learning and assessment", 10th March 2018, National Seminar on "Quality Assurance in Higher Education Institutions: Issues, Challenges and Remedies-II" organized by Department of Mathematics and Internal Quality Assurance Cell, Chandra Shekhar Azad Government P .G. College, Sehore.

7. Harsha Jalori, "Advantages of Green Technologies/Clean Technology "8-10,March 2018, International Conference ACAEE: 2018" on Advances in Chemical Sciences and Allied field of Science, Health, Education and Environment.



8. Harsha Jalori, "Women in Physics", 23-24 March 2018 National Conference on "Women Empowerment, Education, Environment, Bio Diversity, Health and Agriculture", organized by M.P. Council of Science and Technology Bhopal, Dr. Saroj Asthana Memorial Cancer foundation Bhopal and Nidan Sarvjan Welfare Society.
9. Harsha jalori, " Atomic Physics, Radioactivity and Advances" 23-24 May 2018 National Conference on "Role of Advanced Techniques in Chemical and Environmental Science" Organized by the Department of Chemistry Govt. of Motilal Vigyan Mahavidhyalaya ,Bhopal. ,Bhopal.
10. Harsha Jalori, "The use of ICTs in education", 30th July 2018, International Conference on Use of ICT in Developing Effectiveness of Teaching Skills for Teachers in Higher Education, Organized by IQAC and Department of Computer Science , CSA Government PG College & Teaching Learning Center Ramanujan College, University of Delhi.
11. हर्षा जषलोरी , "सुभद्रष कुमषरी चौहषन की कवितषओं में रषष्ट्रेम " ,"रषष्ट्रीय संगोष्ठी : 5 अक्टूबर 2018 ,"हहंदी कवितष में रषष्ट्रीय संचेतनष " ,उच्च शिक्षष विभषग मध्य प्रदि िषसन भोपषल द्िषरष प्रषयोजजत ँ हहंदी विभषग िषसकीय महषरषनी लक्ष्मीबषई कन्यष स्रषतकोत्तर (स्रिषसी) महषविद्यषलय भोपषल द्िषरष आयोजजत.
12. Harsha Jalori, "IQAC :is a guarantee for quality assurance" ,National seminar on revised NAAC Framework : Evolving Trends in Quality 5th Jan 2019, organized by Internal Quality Assurance Cell , Career College, Bhopal .
13. हर्षा जषलोरी , ""विहदिष के दिनीय ँ ऐततहषशसक स्थल तथष उनकष समषज और संस्कृततपर प्रभषि कष गहन विचन " , िषसकीय कन्यष स्रषतकोत्तर म ( अग्रणी)हषविद्यषलय , विहदिष ( मध्य प्रदि), प्रषयोजक मध्य प्रदि िषसन उच्च शिक्षष विभषग -, भोपषल.

14. Harsha Jalori, "Fractional Calculus of The Product of Generalized M-Series of Power Function , Bessel Function and I-Functions of one variables.", International Conference on "Emerging Trends in Computing Technology and Management", organized by Technocrats Institute of Technology, Bhopal, 7-9th march 2019.
15. हर्षा जषलोरी , "भषरतीय संत परंपरष में जैन महहलष संतों कष योगदषन " , "रषष्ट्रीय िध संगोष्टी : 27 ँ 28 फरिरी 2019 , " भषरतीय संत परंपरष में महहलष संतों कष योगदषन"  
,हहंदी विभषग िषसकीय महषरषनी लक्ष्मीबषई कन्यष स्रषतकोत्तर (स्रिषसी) महषविद्यषलय भोपषल ँ कें द्रीय हहंदी संस्थषन आगरष (उ प्र )द्विषरष आयोजजत।
16. Harsha Jalori, "Few Biggest Advances in Physics in Last Three Decades "National Conference on "Prowess Womankind : Recent Advances in Management of Health , Environment, Science and Technology " , on 2-3rd march2019 organized by NIDAN Sarvjan Welfare Society, Society for Health , education and Family Welfare (SHFWEL) and MP Council of Science & Technology (MPCST), Bhopal.
17. Harsha Jalori, "Role of ICT in Teaching Learning Process", National Seminar on "Quality Enhancement in Higher Education Institutions " , organized by Sri Satya Sai College for Women on 23-24, March 2019.
18. Harsha Jalori, "Mahatma Gandhi's Relevance in communal Harmony", National Seminar on "Relevance of Mahatma Gandhi's Thoughts (In Present Scenario)", organized by Sarojani Naidu Government girls P.G. College on 27-28 June 2019.
19. Harsha Jalori, "Violence Against Women and its Impact", National Seminar on "Gender Equality And Feminist Perspective in Modern Era", organized by Anand Vihar College for Women, Bhopal on 9thSept 2019.
20. Harsha Jalori, "Plasma Nanotechnology Future Prospects and Utilizing Plasma as a tool for creating Nanoparticles", National Conference on "Recent Trends in Nanotechnology", organized by Samrat Ashok Technological Institute, Vidisha, Sponsored by TEQIP-III, Ministry of HRD, Govt. of India on 4-5 Oct 2019.
21. Harsha Jalori, "Utilizing Physics to Study the Earth's Environment and to Face the Challennges", Rastriya Shodh Seminar on "Environment sustainability : Challenges and Solutions " ESCS-2019, organized by Govt. Girls PG College, Vidisha, Sponsored by Department of Higher Education, M.P., Bhopal on11-12 Oct 2019.
22. Harsha Jalori, "Fractional Calculus of Product of M-Series and I-Function of Two Variables", National Conference on "Recent Advances in Science, Engineering and technology", organized by Samrat Ashok Technological Institute, Vidisha, Sponsored by TEQIP-III, Ministry of HRD, Govt. of India on 8th Nov. 2019.
23. Harsha Jalori, "The Role of Youths in Nation Building", National Seminar on "Role of Fundamental Duties for Sustainable Development and Nation Building", organized by Sri Sathya Sai College for Women, Bhopal on 17-18 Jan 2020.

24. Harsha Jalori, "Global Climate Change : Glaciers Shrunk", National Conference on "Scientific and Environmental Innovation and Implementation of Sustainable Development Goals", organized by Society for Health , education and Family Welfare (SHFWEL) and NIDAN Sarvjan Welfare Society in collaboration with MP Council of Science & Technology (MPCST), Bhopal on 7-8 March 2020.

25. Harsha Jalori, "Benefits of Balance Diet and the Analysis of Present Situation in Indian Perspective " in the International Conference on " Interdisciplinary approaches in Science , engineering and Humanities ", on 29 to 30th July 2020 organized by Applied Science Department SIRTE, Bhopal

List of the Short Term Course /Refreshers / Workshop / Seminars / Conventions attended

1 Participated in one week short term training program on "Applications of MATLAB & SIMULINK in Engineering and Science", organized by Electronics and Communication Engineering Department, Maulana Azad National Institute of Technology, Bhopal 1-5, May, 2017.

2 Participated in one day YogDiwas on International Yog day 21st June 2017, at Lal Pared Ground Bhopal.

3 Participated in Gyan Sangam Sammelan Bhopal, 7th & 8th December 2017 organized by Makhan Lal Chaturvedi National University of Journalism and Communication, Bhopal.

4 Participated in 21 days Yoga program on "Yoga satra", organized by Vivekanand Kendra Kanyakumari branch Bhopal from 18/12/17 to 8/1/2018.

5 Participated in Career Opportunity Fair on 27th & 28th February 2018 organized by Swami Vivekanand Career Guidance Scheme, Institute for Excellence in Higher Education, Bhopal.

- 6 Participated in Career Opportunity Fair on 14th & 15th March 2018 organized by Swami Vivekanand Career Guidance Scheme, Government Motilal Vighyan Mahavidyalaya , Bhopal.
- 7 Participated in Workshop on Question Bank Session : 2018-19, held on September 7th, 2018, in the Department of Physics, Sarojani Naidu Govt. Girls Post Graduate (Autonomous) College, Bhopal sponsored by Autonomous Examination Cell.
- 8 Participated in 1st National Workshop on "Conceptual and Realistic Aspects of Writing An Effective Research Project Proposal" organized by Intellectuals' Galaxy , Bhopal on 24th October 2018.
- 9 National Conference on Effective Strategies for New India: Challenges and Opportunities. 14-15 dec 2018, organized by Makhanlal Chaturvedi National University of Journalism and Communication, Bhopal.
- 10 Participated actively in the "Two Days Career Opportunity", on 29th and 0th January 2019, Organized by Swami Vivekanand Career Guidance Scheme, Department of Higher Education , Govt of M.P., at Institute for Excellence in Higher Education, Bhopal and Sarojini Naidu Govt. Girls P.G. College, Bhopal.
- 11 Participated in Orientation and Re- Training Program Mooc... The Education of Future Sponsored by : Autonomy Grant , UGC, department of Computer Science Application, Sadhu Vaswani (Autonomus) College Bhopal 21st Janurary 2019.
- 12 Participated in " Indian History Congress 79th session " as coordinator on 26-28 February, 2019 Organized by Indian History Congress, New Delhi.at RCVP Norohna Academy of Administration, Bhopal.
- 13 Participated in Two Week Yog Satra from 1/2/2019-16/02/2019 at Shaskiya Dr. Shayama Prasad Mukharjee Science and Commerce College, Bhopal, organized by Vivekanand Kendra Kanyakumari, Shakha, Bhopal.
- 14 Participated in Seven Days Faculty Development Program "Applied Aspects of Bio- Science ", at Dr. Shayama Prasad Mukharjee Science & Commerce College Bhopal from 5th of March 2019 to 11th of march 2019.
- 15 Participated in hands on training to assemble solar study lamps on 2nd Oct 2019 Organizedby IQAC Govt. Dr. Shayama Prasad Mukharjee Science and Commerce College, Bhopal in association with IIT Bombay and MANIT Bhopal.

16 Participated in One Week Training Program on "Conservation of forest Resources: Upcoming Challenges and Adaptive Mechanisms for Sustainable Development" at EPCO Institute of Environmental Studies, Bhopal from 14th Oct 2019 to 19th Oct 2019.

17 Participated in Three Week (21 days)YogSatra from 15/11/2019-05/12/2019 at Shaskiya Dr. Shayama Prasad Mukharjee Science and Commerce College, Bhopal , organized by Vivekanand Kendra Kanyakumari , Shakha, Bhopal .

18 Participated in National Seminar on "Nehru aur aadhunik Bharat Ka Nirman :Uchha Shiksha Ke Pariprekshya me" on 14th Nov. 2019 Organized by Govt. Dr. Shayama Prasad Mukharjee Science and Commerce College, Bhopal.

19 Co-ordinated in One Day Workshop on "Cyber Security and Ethical Hacking " on 22<sup>nd</sup> Nov. 2019 Conducted by Cybrom Technology Pvt. Ltd. Bhopal in Collaboration With IQAC and Chemistry Department Govt. Dr. Shayama Prasad Mukharjee Science and ommerce College, Bhopal. 20 Judge the project competition of 27th KVS National Level NCSC at kendriyaVidhalaya No. 2 Bhopal on 25th and 26th Nov. 2019.

21 Participatedin "Ek Bharat - Shrestha bahrat AntarRajjiyashikshakVidhyarthiAadanPradanKaryakram" Sponsored by MHRD, New

Delhi, and Government of India from 18-21 Jan 2020 Organized by IQAC Govt. Dr.Shayama Prasad Mukharjee Science andCommerce College, Bhopal .

22 Participated in Symposium on "Conservation and Management of Natural Resources of M.P. : from 19th & 20th Feb 2020 organized by ECO-CLUB, Govt. M.V.M., Bhopal in collaboration with Deptt. of Geology and Chemistry, Govt. M.V.M., Bhopal and Sponsored by E.P.C.O., Bhopal (Under N.G.C., Govt. of India).

23 Participated in One Week Faculty development Program on "Application of Advance Scientific Instrumentation Technique with Entrepreneurship guidance" Organized by Bhopal Intellectual Progressive Education Society (BIPES) IG, Bhopal (M.P.) in technical

association with PG TECH Research Institute, Indore (M.P.) from 29th May 2020 to 4th June 2020.

24 Participated in One Week International Workshop on "Effective Learning after COVID 19 during May 29th to June 4th 2020" Organized by Bhopal Intellectual Progressive Education Society (BIPES) IG, Bhopal (M.P.) .

25 Participated in International Webinar on " Super Capacitors : a Futuristic energy Storage Device " Organized by Department of Physics , Sri Sathya Sai College for Women, Bhopal in Association with IAPT RC-09 on August 20, 2020 .

26 Participated in One Week Faculty Development Program on "Next Generation System : Artificial intelligence and Machine Learning" Organized by Samrat Ashok Technological Institute, Vidisha under TEQIP \_III (A Government of India Project Assisted by the World Bank) during May 8th to 12th February 2021.

27. Participated in One Week Faculty Development Program on E.content organized by Dept. of hogher edcution m.P.Bhopal from 2-jan-23 to 7-jan-23



27 Participated in three days online workshop on “Analytical workshop on Analytical Instrumentation Organized by Sophisticated Analytical Instrumentation facility, Punjab University, Chandigarh and Govt. M.V.M. Bhopal (M.P.) from 8th to 10th July 2021.

28 Participated in Two days online webinar on “Role of ICT in online teaching, learning & evaluation “organized by Dept. of Physics Govt. Dr S.P.M. Science & Commerce P.G. College, Bhopal from 11-12th August 2022.

29 Participated in AICTE Training and learning (ATAL) Academy online Elementary FDP on “Computational Oriented Numerical Analysis from 23rd to 27th august 2021 at Samrat Ashok Technological Institute.

30 Participated in Three days International Conference on” Recent trends in Applied Sciences and Computing Engineering “organized by VIT Bhopal University in collaboration with IIT Dhanbad from 17-19 December 2022.

31 Participated in Six days faculty development program on the topic “Administrative challenges in College management “from 24th to 30th Jan 22 at Govt. M.V.M. Bhopal.

32 Participated in the one week online national workshop on Scilab from 7th to 14th February 2022 at Department of Physics & Electronics, Institute for excellence in Higher Education Bhopal.

### **Achievements and Awards**

1. Got Second Prize Runner (Upvijeta) in state level Badminton, Table Tennis, Chess in all three games in the Rajya Staraiya Shikshak and Karmchari sports competition organized by Government of Madhya Pradesh held at Holkar Sciece College, Indore on 21st and 22nd February 2018.

2. Got Third Prize Shikshak Antakshari in Varshik Sneha Sammelan (Annual function) in University level organized by Government Science & Commerce Benazeer College, Bhopal.

- 3 State Champion Badminton (Female Team), in State Level Rajya Stariya Khelkood Pratiyogita Shishak, Adhikari evam Karmchari, Session 2018-19, held at Jiwaj University, Gwalior , Madhya Pradesh , Organized by Department of Higher Education , Government of Madhya Pradesh, Bhopal (M.P.).
4. Participated in Table tennis (Female ) in State Level Rajya Stariya Khelkood Pratiyogita Shishak, Adhikari evam Karmchari, Session 2018-19, held at Jiwaji University, Gwalior , Madhya Pradesh , Organized by Department of Higher Education , Government of Madhya Pradesh, Bhopal (M.P.).
5. Participated in Chess (Female ) in State Level Rajya Stariya Khelkood Pratiyogita Shishak, Adhikari evam Karmchari, Session 2018-19, held at Jiwaji University, Gwalior , Madhya Pradesh , Organized by Department of Higher Education , Government of Madhya Pradesh, Bhopal (M.P.)
6. Virtual Class in Administrative Academy, Bhopal, B.Sc First Year Physics “Elasticity” on 15th Oct, 2019.
7. State Runnerup Chess (Female Team), in Rajya Stariya Khelkood Pratiyogita Shishak, Adhikari evam Karmchari, 18-19, Feb 2020, held at Government Model College, Jabalpur, Madhya Pradesh , Organized by Higher Education Department , Government of Madhya Pradesh, Bhopal (M.P.)
8. Participated in Badminton (Female Team) Rajya Stariya Khelkood Pratiyogita Shishak, Adhikari evam Karmchari, 18-19, Feb 2020, held at Government Model College, Jabalpur, Madhya Pradesh , Organized by Higher Education Department , Government of Madhya Pradesh, Bhopal (M.P.)
9. State Champion Table Tennis (Female Team), in State Level Rajya Stariya Khelkood Pratiyogita Shishak, Adhikari evam Karmchari, Session 2021-22, held at Govt. T.R.S. College, Rewa, Madhya Pradesh , Organized by Department of Higher Education , Government of Madhya Pradesh, Bhopal (M.P.).

**Board of Studies Membership**

Member Board of Studies committee Physics, Sarojini Naidu Govt. Girls P.G. College, Bhopal (M.P). 2015-2017.

**Invited Talk**

1. Delivered Invited talk in the International Conference on Recent Advancement in Science and Technology [ICRAST- 2017], 5-7, May, 2017, on "Study of VLF whistler by wavelet bispectral analysis observed from satellite ".
  2. Delivered Invited talk at Internal Conference on "Emerging Trends in Computing Technology and Management", organize by Technocrats Institute of Technology, Bhopal, 7-9th march 2019, on "Fractional Calculus of The Product of Generalised M-Series of Power Function, Bessel Function and I-Functions of one variables.".
  3. Delivered Lecture on "Training and internship " in Student Induction Program organized under the World Bank Madhya Pradesh Quality Improvement Project of Department of Higher Education, M.P. Government from 17th Sept. to 19th Sept 2019.
- Article Publication**
1. One article is published on “Corona vaccine kesambandh me tathyatmakjankari “ in college magazine “Anupam “ of Govt Dr S. P. M. Science & Commerce PG college Bhopal 2020-2021.
  2. One article is published on “Single use plastic “ in college magazine “Anupam “ of GOVT. Dr.S.P.M. Science & Commerce PG college, Bhopal.

**Article Publication**

- Published article on "HIGGS BOSON : PAST, PRESENT AND FUTURE" in college magazine "Anupam", of Government Science and Commerce Benazeer College, Bhopal 2015-16.
- One article is published on "Impacts of Global Warming on climate of India ", published in College Magazine Anupam year 2016-17.
- One article is published on “Corona vaccine ke sambandh me tathyatmak jankari “ in college magazine “Anupama “ of Govt Dr S. P. M. Science & Commerce PG college Bhopal 2020-2021.
- One article is published on “Single use plastic “ in college magazine “Anupam “ of GOVT. Dr.S.P.M. Science & Commerce PG college, Bhopal 2020-21.

**Ph.D. degree awarded**

- Mrs. Shivali Verma, Barkatullah University, Bhopal 30th June 2017, Title of Thesis is “Higher Order Spectrum Analysis of Very Low Frequency (VLF) Signal by Using Wavelet Transformation”. Ph.D. Notification No. 58/119-16/Physics/Conf./Ph.D./2017/400, Bhopal dated 30.03.2017..

**Ph.D. Pursuing**

Two Research Scholars are pursuing Ph.D. under my supervision from Barkatullaha University, Bhopal.

Neelam Malviya, Assistant Professor, Govt. Narmada Science College , Hoshangabad

Anoop Parsai, Barkaullaha University, Bhopal **Thesis Submitted on 30 june 2022**

Anoop Parsai submitted his Ph.D thesis on 13 june 2020.

### **Awards/ Honor**

- Invited as a **Judge** in KVS Regional Level 44th Jawaharlal Nehru National Science, Mathematics and Environment Exhibition (JNNSMEE) 2016-17 on dated 6th and 7th December 2016 at Kendriya Vidhyalaya No. 3, Bhopal.
- Invited as a **Judge** the project competition of 27th KVS National Level NCSC at kendriya Vidhalaya No. 2 Bhopal on 25th and 26th Nov. 2019.



Dr Mamta Pandey



## Curriculum Vitae

Dr. (smt) Mamta Pandey graduated in year 1985 and she has done post graduated in year 1987 in Subject Physics.

She has done research in the field of “The Storm Time Geomagnetic Field Variation in relation to Solar Activity” and awarded Ph.D. degree in the year 1995.

She joined the service in higher education in 1989 and since then, she has achieved many strides in educating the undergraduate and postgraduate students and has a total teaching experience of 33 years.

She has also mastered in various non- conventional forms of teaching i.e. video conferencing using computers, mobile phones etc. She also takes care of each student by directly contacting them and also having the teachers parents meeting.

She has experience in handling specific needs of students of economically weaker section and providing books etc. besides teaching.

She also educate students to grow as responsible citizen and to understand their responsibility towards society, environment and discharge their duties to protect and nourish environment and cultural values.

<b>Sr.No</b>	<b>Class</b>	<b>Year</b>	<b>Division</b>	<b>Specialization/Topic</b>	<b>Institution/University</b>
<b>1.</b>	<b>B.Sc.</b>	<b>1985</b>	<b>1<sup>st</sup>,77.5%</b>	<b>Physics,Mathematics Chemistry</b>	<b>Awadhesh Pratap Singh Vishwavidyalya, Rewa (MP)</b>
<b>2.</b>	<b>M.Sc.</b>	<b>1987</b>	<b>1<sup>st</sup>,84.15%</b>	<b>Physics (Electronics)</b>	<b>Awadhesh Pratap Singh Vishwavidyalya, Rewa (MP)</b>
<b>3</b>	<b>Ph.D.</b>	<b>1995</b>		<b>The Storm Time Geomagnetic Field Variation in Relation to Solar Activity</b>	<b>Awadhesh Pratap Singh Vishwavidyalya, Rewa (MP)</b>

## Refresher / Orientation Courses

Sr. No.	Name of Course	Topic & Duration	Institution
	Refresher course	Digital electronics/ microprocessors& Computer applications (Nov. 8 <sup>th</sup> -29 <sup>th</sup> ), 1994	Dept. of physics A.P.S. university Rewa
	Refresher course	Recent Trends and advances in Space Physics (Sept.25 <sup>th</sup> -Oct. 17 <sup>th</sup> ) 1995	Dept. of physics A.P.S. university Rewa
	Orientation course	From 11 <sup>th</sup> June to 7 <sup>th</sup> July, 2001	Jamia Millia Islamia, New Delhi
4.	Refresher course	Information Technology From ( 21 <sup>st</sup> Nov. to 12 <sup>th</sup> Dec.)	
RCVP NORONHA ACADEMY, Bhopal,			
5.	Refresher course	Use of Computers in Teaching & Research in Higher Education From ( 18 <sup>th</sup> August to 6 <sup>th</sup> Sept)	Rani Durgavati Vishwavidyalaya, Jabalpur

## Research papers published in journals ( last five years )

Sr.No.	Name of Journal	Title of Research Paper	ISSN/ISBN	Session
1	Yuganter International ShodhPatrika	Nuclear Physics Applications &Environment	2320-2467	2018-19
2	ShodhPoineer Journal at IT	Role of Education in National Development	0974-8954	2018-19
3	International Journal of Bhopal	Mahila VikasawamSashktikanan	2347-5897	2018-19
4	SSS College for women ,Bhopal	Quality Assurance and Accreditation	ISBN 978-81-942532-0-4	2018-19
5	Yuganter International ShodhPrika	Effective English Communication	2320-2467	2019-20
6	Career College Bhopal	The Environment Pollution due to Transportation and its Management	ISBN 978-81-940512-4-4	2019-20
7	Research Culture Society & Publication	Online Teaching and Learning in Higher Education Post Covid -19	2455-0620	2020-21
8	Socio-Economic Challenges & Possibilities	Protection and Conservation of Environment is social duty	ISBN 978-81-946098-4-1	2020-21
8	Socio-Economic Challenges & Possibilities	Protection and Conservation of Environment is social duty	ISBN 978-81-946098-4-1	2020-21
9	SSS College for women, Bhopal	Protecting Environment a fundamental duty	ISBN 978-81-942532-1-1	2019-20
10	International journal of Social Science& Management Studies	Role of Science in Development of Society and Culture	ISSN 2454-4655	2021-22



## Research Papers published in Conference /Seminar/Workshop

Sr.No.	Organizer	Title of the paper	Session	Participated/Presented
1	Indian National group of the International association for Bridge & structural Engineering	Innovation and Aesthetics in Design and Construction of Bridges and Tunnels	2017-18	Participated
2	Veer Savarkar Govt. College Obedullagang,Raisen(M.P.)	Effective Communicative English	2018-19	Participated
3	Department of Zoology ,Govt. Motilal Vigyan Mahavidyalaya ,Bhopal(M.P.)	Role of Science in the Development of the Society	2018-19	Presented
4	Department of Mathematics & Internal Assurance Cell Chandra Shekhar Azad, Govt.P.G.Nodal Collage,Sehore	Manav Sansadhan ka Vikas	2018-19	Presented
5	SHEFWELL,Bhopal		2018-19	Presented
6	Govt. T.R.S.College,Bhopal (M.P.)	Aadhuniktaawm Vikas ki chunautiya	1018-19	Participated
7	Chemistry Department ,Govt. Motilal Vigyan Mahavidhyalay ,Bhopal (M.P.)	Nuclear Physics Applications &Environment	2018-19	Presented
8	Career College ,Bhopal (m.P.)	Skill Enhancement at Institution of Higher Education	2018-19	Presented
9	Govt. Girls College ,sehore (m.P.)	Role of Moral values in EnvironmentProtection	2018-19	Presented
10	Sri Satya Sai College for Women,Bhopal	Quality assurance &Accreditation in Higher Education	2018-19	Presented

11	SHEFWEL & MPCST, Bhopal (M.P.)	Sustainable Development	2019-20	Presented
12	Anand Vihar College for Women, Bhopal	Crime Against Women and its impact	2019-20	Presented
13	Sri Satya Sai College for Women, Bhopal	Protecting Environment -A fundamental Duty	2019-20	Presented
14	Govt. Home Science Agradi College, Hoshangabad (M.P.)	Yog ka Samajik Geevan me Prayas	2019-20	Presented
15	Social Science & Management Welfare Association	Role of Education in Socio- Economic Development	2019-20	Presented
15	Govt. Dr. S.P.M. Science and Commerce college Bhopal	Nehru and Aadhunik Bharat ka Nirmad	2019-20	Presented
16	Deptt. of Geology & Chemistry, Govt M.V.M., Bhopal	Conservation and Management of Natural Resources of M.P.	2019-20	Participated
17	SHEFWEL & MPCST Bhopal	Traditional Knowledge for Protection and Conservation of Environment	2020-21	Presented
18	BIPES, Bhopal	Innovative teaching & learning platforms tools & technologies reform after Covid-19	2020-21	Participated

19	Veer Savarkar Govt, college	Covid-19:The Global Pandemic Prospects of Aatmnirbharbharat	2020-21	Participated	
20	Department of Zoology,Govt,Motilal Vigyan Mahavidhyalay, Bhopal (M.P.)	Geology of MP With Special Reference To Bundelkhand Gneissic complex	2020-21	Participated	
21	SGS Govt. Autonomous College, Sidhi,M.P.	Development of Quality Culture in the Institution	2020-21	Participated	
22	Veer Savarkar Govt. College Obedullahganj, Raisen	Women Empowerment	2020-21	Participated	
23	Govt. Motilal Vigyan Mahavidhyalay	ICT Tools for Teaching-Learning & Administrative Uses	2020-21	Participated	
24	Sri Satya Sai College for Women,Bhopal	New Education Policy-2020	2020-21	Participated	
25	Veer Savarkar Govt. College Obedullahganj,Raisen	Spirituality and Health	2020-21	Participated	
26	Natural sciences,Imperial College ,United Kingdom	Enhanceing nitrogen...	2020-21	Participated	
27	Govt. Motilal Vigyan Mahavidhyalay Bhopal (M.P.)	Planning For and Beyond COVID-19	2020-21		
28	Panjab University,Chandigarh and Govt, Motilal Vigyan Mahavidhyalaya	Analytical Instrumentation	2020-21	Participated	
29	Swami Vivekanand University, Sagar, MP &Bharti Vidyapeeth, New Law College, Pune	Role of NEP for Teaching & Skill Development of Faculty	2020-2021	As Coordinator	

30	Physics Department of Govt. Dr. S.P.M.Science and Commerce, PG College, Bhopal in collaboration with MPHEQIP of WORLD BANK	Role of ICT in Online Teaching, Learning& Evaluation	2020-2021	As organizer
31	IQAC, Career College	National Workshop on "NAAC revised guidelines	2020-2021	Participated

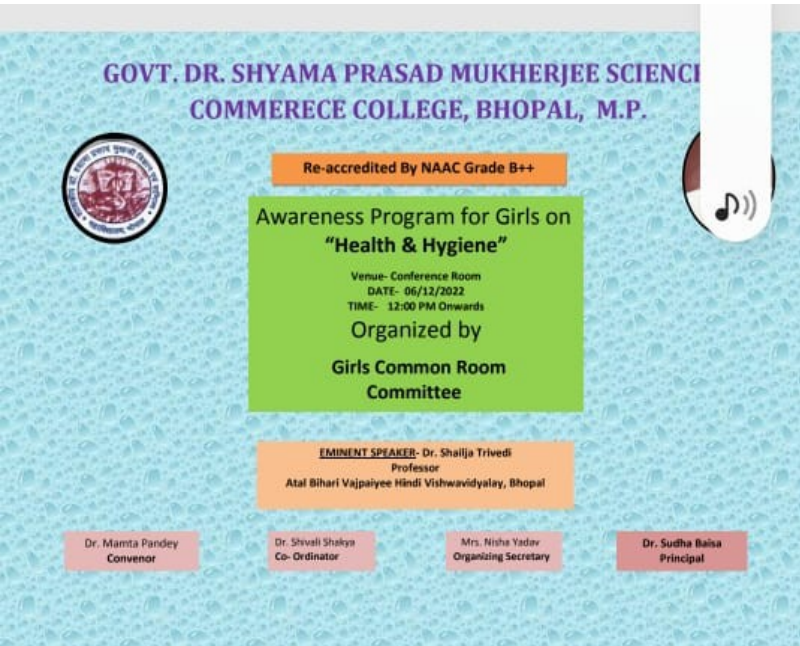
32	Dept. of Physics , Dr HarisinghGourVishwavidhyalayaSagar,MP	Metal Oxide Nanomaterial for Sensing Applications: some experimental results	2022-23	Participated
33	<b>Govt. Dr. Shyama Prasad Mukherjee Science &amp; Commerce College, Bhopal</b>	<b>Workshop on" Question Bank based on national Education Policy- 2020"</b>	<b>25<sup>th</sup> Nov. 2022</b>	<b>Participated</b>
34	<b>Govt.Maharani Laxmi Bai Graduate Autonomous College.Bhopal</b>	<b>Workshop on" Question Bank B. Sc.1<sup>st</sup> year under MPHEQIP</b>	<b>21<sup>st</sup> Jan. 2023</b>	<b>As a expert</b>

## One Week Programme

	Name Of TheProgramme	Duration	Organizer
1	Nagrik Suraksha Sangthan, Bhopal	From 27/02/2017 to 05/3/2017	Civil Defence,Bhopal
2	Application of MATLAB &Simulinkin Engineering and Science	From 01-05 may 2017	Maulana Azad National Institute of Technology,Bhopal
3	Applied Aspects of Bio-Science	From 05/3.2019 to 11/3/2019	Govt. Dr. S.P.M. Science and Commerce College ,Bhopal
4	Effective Learning After COVID-19	From 29 <sup>th</sup> May to 04 <sup>th</sup> June 2020	BIPEs,IG,BhopalM.P
5	Multidisciplinary Skills for the Faculties of Higher Education	From 18 <sup>th</sup> to 24 <sup>th</sup> March, 2021	Veer Savarkar Govt. College Obedullaganj,Raisen
6	Workshop on Analytical Instrumentation for Students &Faculty of Madhya Pradesh	From 08 <sup>th</sup> to 10 <sup>th</sup> July 2021	Punjab University ,Chandigarh& Govt. MVM,Bhopal

7	National Workshop on “NAAC revised guidelines	From 26 <sup>th</sup> July to 1 <sup>st</sup> August 2021	IQAC, Career College
8	Research Quality Teaching Learning and Evaluation	From 10 <sup>th</sup> to 16 <sup>th</sup> March 2022	Govt. MVM, Bhopal
9	Administrative Challenges in College Management	From 24 <sup>th</sup> to 30 <sup>th</sup> Jan 2022	Dept. Of Chemistry Govt. MVM, Bhopal
10	National Workshop on Scilab	From 7 <sup>th</sup> to 14 <sup>th</sup> February 2022	Dept. of Physics & Electronics, IEHE, Bhopal
11	Role of NEP for Teaching & Skill Development of Faculty	From 18 <sup>th</sup> to 24 <sup>th</sup> Sept 2022	Swami Vivekanand University, Sagar, MP & Bharti Vidyapeeth, New Law College, Pune
12	Professional Development Programme on “Implementation of NEP-2020 for University College Teachers” Program on Research Quality, Teaching Learning and Evaluation	From October 27 <sup>th</sup> to November 05 <sup>th</sup> , 2022 Obtained A+Grade	Indira Gandhi National Open University, Staff Training & Research Institute of Distance Education

She has orgnaized awareness Program for Girls on “Health and Hygine” on 6/12/22



GOVT. DR. SHYAMA PRASAD MUKHERJEE SCIENCE  
COMMERCE COLLEGE, BHOPAL, M.P.

Re-accredited By NAAC Grade B++

**Awareness Program for Girls on  
“Health & Hygiene”**

Venue- Conference Room  
DATE- 06/12/2022  
TIME- 12:00 PM Onwards  
Organized by  
Girls Common Room  
Committee

**EMINENT SPEAKER-** Dr. Shailja Trivedi  
Professor  
Atal Bihari Vajpayee Hindi Vishwavidyalay, Bhopal

Dr. Mamta Pandey  
Convenor

Dr. Shivali Shakya  
Co-Ordinator

Mrs. Nisha Yadav  
Organizing Secretary

Dr. Sudha Baisa  
Principal



Dr. Dharmesh Kumar Khare





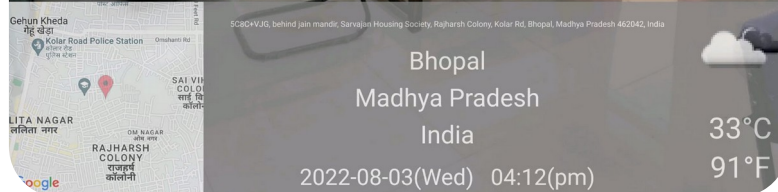
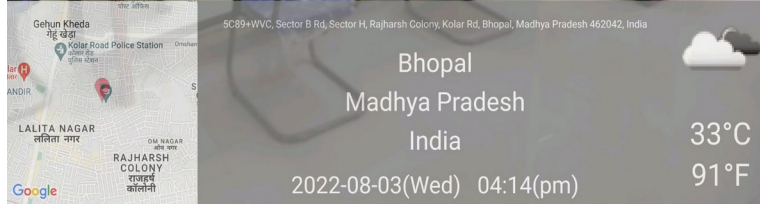
Mr.Vipin Kumar



# Infrastructures

- Department of Physics
- Physics Lab-General
- Physics Lab- Dark Room
- Computer Lab

# Department of Physics



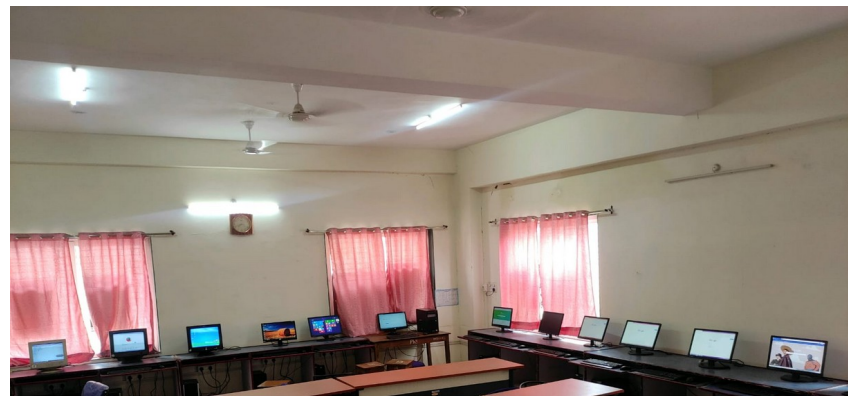
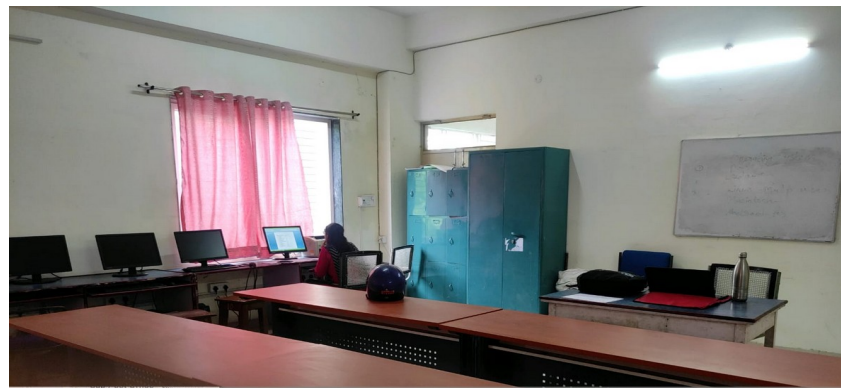


# Physics Lab-Dark Room/U.G.-Lab





# Computer Lab



# List of Articles

## Physics Department

Almirah	09
Fridge	01
Blue chairs	09
Computer	01
Printer all in one	01
Display board	01
Brown chairs	04
Curtains	04

# List of Articles

Physics (General/Dark-Room) Lab	
Almirah	13
Lab Tables	18
Stools	20
Chairs	07
Small tables	14
Curtains	08
Board	02
Display board	01
Fan	08
Tube light	17
Fire Extinguisher	01

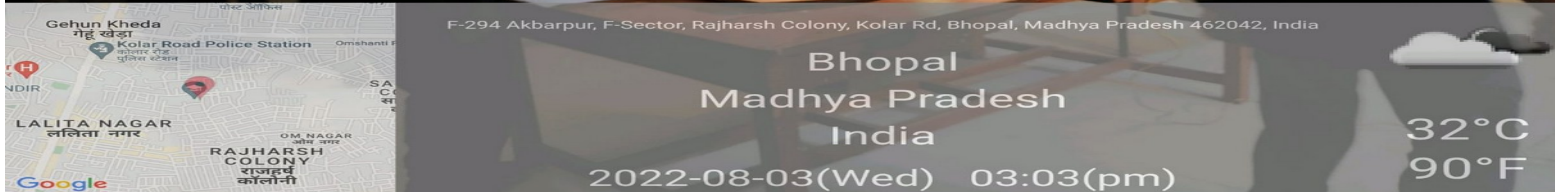
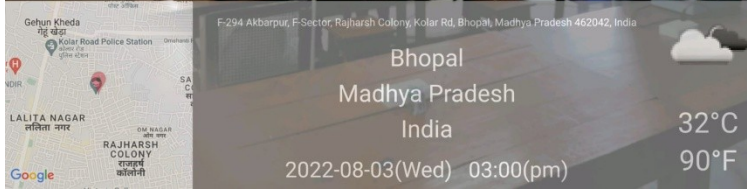
Computer Lab	
Round small blue chairs	09
Steel and Plastic chairs	07
Almirah	01
Pigeon almirah	01
Lab table	07
Curtains	08
Display board	02
Tube light	08
Fans	04
Stools	10
White board	01
Fire Extinguisher	01



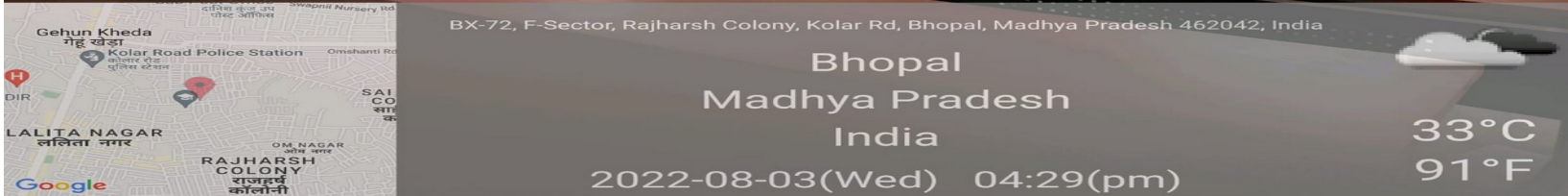
## Student strength Year-wise

<b>2017-18</b>	
B.Sc. PCM(All three years)	400
B.Sc. PMCs(All three years)	89
<b>2018-19</b>	
B.Sc. PCM(All three years)	482
B.Sc. PMCs(All three years)	78
<b>2019-20</b>	
B.Sc. PCM(All three years)	461
B.Sc. PMCs(All three years)	91
<b>2020-21</b>	
B.Sc. PCM(All three years)	461
B.Sc. PMCs(All three years)	91
<b>2021-22</b>	
B.Sc. PCM(All three years)	456
B.Sc. PMCs(All three years)	87

# Physics- Lab Photo



# Computer Science- Lab Photo





## Physics Instrument List

SN	NAME OF ITEMS	NAME OF FIRMS	QTY IN WORKING CONDITIONS
1	METERS	SHYAM BROTHERS	15
2	Magneto meter all in one	-	02
3	AF oscillators	Universal science and chemicals Indore	01
4	AF generator	GJ traders Bhopal	02
5	Boiler	Sumit enterprises Bhopal	02
6	Anderson bridge	Electronic & Ele. Indore	03
7	AC mA	Sumit enterprises Bhopal	02
8	RF generator	Electronics and electrical Indore	01
9	Bob pendulum 3 / 4 inch	Shyam brothers Bhopal	04
10	Battery eliminator	Kumar brothers	02

10	Battery eliminator	Kumar brothers	02
11	Balance electrical/commercial	Durlabhji jivan ji Bhopal, National scientific instrument company Delhi	01
12	Bending by beam app	Precision instrument company Delhi	02
13	Ballistic galvanometer	Inko Ambala	08
14	Band gap app	E &E Indore	01
15	Babinet compensator	Sumit enterprises Bhopal	01
16	Bipolar oscillator Wien bridge Magnetic field due to current	Advance scientific centre Bhopal	01 01 01
17	Drill machine	Shyam brothers Bhopal	01
18	Newton's law of cooling	Shyam brothers Bhopal	02
19	Calorimeter	-	02
20	Joules calorimeter	Agrawal agencies Bhopal	02
21	Compound pendulum	Venus enterprises Bhopal	03
22	Bar pendulum	National scientific company Delhi	02

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32	Ele. Tunning fork	Bhopal Ele.Co.	01
33	Ele.Vibrator	Ravindra scific com Delhi	02
34	Earth inductor 100 turn	The quality app. Ambala	01
35	Absorption spectrum of iodine vapour	E&E, Indore	02
36	Micrometres slit Resolving power of telesc.	The Indian Sci.Instru.co.Delhi	02
37	Diffraction grating	Kumar brothers Bhopal	05
38	Friction apparatus plane/ angular	-	01 01
39	Tools	E&E, Indore	01
40	Hartley oscillator	E&E, Indore	02
41	Tunnel diode app	E&E, Indore	02
42	Oweins bridge	Sumit enterprises Bhopal	03
43	Maxwell bridge	Sumit enterprises Bhopal	03

44	Hooks law app	E&E, Indore	04
45	Stephen radiation appar.	E & E Indore	01
46	Thermo EMF	E& E, Indore	01
47	Redburg constant appar.	E &E, Indore	03
48	Hammer	Manohar hardware Bhopal	01
49	Galvenometer	Shyam brothers, E &E	15
50	Heater	Sahkari bajar Bhopal	01
51	Hystresis curve app	Omega electronic Jaipur	02
52	Newton's ring apparatus	Kumar brothers Bhopal	04
53	Plank constant apparatus	Kumar brothers Bhopal	02
54	Moment of inertia table	EE, Indore	02
55	FET charac.app	EE, Indore	02
56	Coils 50,100,150,200mh	GJ traders Bhopal	04
57	Keters pendulum app	Kumar brothers Bhopal	01
58	Zener diode characteristics	Kumar brothers Bhopal	02



59	OHP, screen	Systronics India	01 , 01
60	Ossilation of mass by spring	Adv.Sci.bhopal	02
61	Surface tension by Jagars	EE, Indore	01
62	Traveling microscope	Kumar brothers Bhopal	02
63	Sodium vapour lamp	Kumar brothers Bhopal	01
64	Spectrometer	Kumar brothers Bhopal	02
65	Jockey	-	01
66	Spike ext.box	Harish electrical, jbad	02
67	Hall effect app	EE, Indore	01
68	Magnetic field due to current	EE, Indore	01
69	Charging and discharging app. Diode and zener diode Trangister characteristics Rasonance apparatus AF meter	EE, Indore	02 02 03 03 02

70	RC couple amp	EE, Indore	02
71	Tr. Chara.-nnp/pnp	Sumit enterprises Bhopal	04
72	Keys rev.tapping,1&2way	Shyam, Agrawal,M.tech	15
73	Lummer brodhan pho.mtr	Precision scientific instrument company Delhi	01
74	Lee's disc app	Instruments and chemical private limited Ambala	01
75	Magnets 2& 3"	Gouri, Kumar,dawar, Sumit	04
76	Multimeter	Omega, Sumit	04
77	Maxwell vibration needle	Precision scientific company, Sumit enterp.	02
78	Nichlson hydrometer	Precision scientific	02
79	Needle slide assembly	Precision scientific	01
80	Kelvin bridge	EE, Indore	02
81	Tr. Tester digital	EE, Indore	01
82	BH curve App.	Sumit enterprises Bhopal	03
83	Potentiometer	Inco,M.tech,	05

84	Parallel& perpendicular for moment of inertia	Adv.sci.centre	01
85	Plier, cutter Tools	Agrawal agencies Bhopal	01,01
86	P O box	Kumar, prcision,M.tech	04
87	Polari meter H shad/bi qrtz	prcision,inco, EE	08
88	Regu.power supply	EE Indore	01
89	Resistance box	Agrawal, prcision,quality	15
90	Rheostat	Kumar, EE,oriental, Sumit	14
91	Resonance tube	Kumar brothers	01
92	Standard resistance 1,2,5	National, Indian sci.instru.	14
93	Searls app	-, instrument & chemical co.	02
94	Spherometer	Shyam brothers, Agrawal agencies	02
95	Stop watch	Gori,M.tech, Bhopal ele.kumar, Sumit	06
96	Screwgauge	Agrawal, Sumit, EE	12
97	Spainner set	Kumar brothers	01

98	Saxtant app set	Precision scientific instrument, the quality	01
99	Stokes law app	Sumit enterprises Bhopal	01
100	Screw driver set	Shyam brothers Bhopal	02
101	Tangent galvanometer	Kumar brothers Bhopal	03
102	Telescope	Precision, National, EE	03
103	Torsion rigidity app	Precision scientific instrument company Delhi	01
104	Table lamp	Sahkari bajar New Market	04
105	Transformer s/d	Cosmos products	05
106	Rectifier filter character.	EE Indore	01
107	Viscosity app	Instruments and chemical co	01
108	Poisson ratio app	Sumit enterprises Bhopal	02
109	Schering bridge	Gourav traders, EE Indore	03
110	RC amplifier single stage	Sumit enterprises Bhopal	02
111	Photocell app	Sumit enterprises Bhopal	02

112	Voltmeter	Cosmos, shyam brothers ravindra scientific	15
113	Vernier callipers	Agrawal, shyam, Sumit, EE	10
114	Dimmer stat/variatic	National, Sumit	02
115	Vibra.of Magnetometer	Microtech	02
116	voltage stabilizer	-	01
117	Specific resistance Study of voltage regulator Study of digital multimeter Momentum of inductor Study of v t v m Study of Couple amplifier	EE Indore	01 01 01 01 01 01 01
118	Study of bending of cantilever	E E Indore	01
119	Weight with hanger Set	Kumar brothers, Venus ele	03
120	Cantilever app	Sumit enterprises Bhopal	02
121	Solder iron	Sumit enterprises Bhopal	01
122	Spirit level	Microtech	04
123	Hand saw	Guru Nanak hardware Bhopal	01

# Computer Instrument List

Computers	21
Printer	01



# Internship Physics

2016-2017

S.No	Name of students	class	Place of internship	Project/Internship	
1	Uma shankar	Bsc VI sem	Blue Bell School,Aishbag h	School Teaching	
2	Subhanshu dubey	Bsc VI sem	Amla Institute, Jahangirabad	Computer Learning	
3	Sumit kushwaha	Bsc VI sem	Amla Institute, Jahangirabad	Computer Learning	
4	Surnedra singh	Bsc VI sem	Blue Bell School,Aishbag h School Teaching	School Teaching	
5	Vinay sheel patne	Bsc VI sem	Children Welfare School School Teaching	Teaching	
6	Akash Baghel	Bsc VI sem	Vikas Convent School Naveen Nagar School Teaching	School Teaching	
7	Sonu lodhi	Bsc VI sem	Blue Bell School,Aishbag h	School Teaching	
8	Shrajal rai	Bsc VI sem	Blue Bell School,Aishbag h	School Teaching	
9	Sonu sirmoliya	Bsc VI sem	Blue Bell School,Aishbag h	School Teaching	
10	Shubham patel	Bsc VI sem	Blue Bell School,Aishbag h	School Teaching	
11	Sameer	Bsc VI sem	Sankul Institute	Computer learning	
12	Anil dhakad	Bsc VI sem	Fitness Planet	Trainer	
13	Sharukh khan	Bsc VI sem	Fitness Planet	Trainer	
14	Saurabh patel	Bsc VI sem	Blue Belt school,Aishbagh	School teaching	
15	SOURABH CHOUDHARY	Bsc VI sem	Children Welfare School School Teaching P	Teaching	
16	Rajesh dangi	Bsc VI sem	Computer Hardware Center Computer Learning	Computer learning	
17	SHOBHIT	Bsc VI sem	Hi Tech Institute Shivaji Nagar Computer Learning	Computer learning	
18	SONU PANTHI	Bsc VI sem	Govt Benazir College Jahangirabad Lab Instrument Repairing	Lab Instrument Repairing	
19	VIVEK KUMAR SHUKLA	Bsc VI sem	Vikas H.Sec. School, Pushpa Nagar School Teaching	School Teaching	



2017-18

	Name	Class
1	Ravi Chohan	Bsc VI sem
2	Rohit jaget	Bsc VI sem
3	Manokaman sah	Bsc VI sem
4	Krishna kumar marddi	Bsc VI sem
5	Rajendra	Bsc VI sem
6	Hiamnshu dwivedi	Bsc VI sem
7	Pankaj yadav	Bsc VI sem
8	Manish kuswah	Bsc VI sem
9	Hakam singh	Bsc VI sem
10	Ramji sahu	Bsc VI sem
11	Lokesh palkar	Bsc VI sem
12	rohit choudhary	Bsc VI sem
13	Prasant mishra	Bsc VI sem
14	Pramod deshमुख	Bsc VI sem
15	Krishna pal singh	Bsc VI sem
16	Richa tiwari	Bsc VI sem
17	Rayat singh	Bsc VI sem
18	Rakesh pakahle	Bsc VI sem
19	Mahendra sen	Bsc VI sem
20	Ravi nath	Bsc VI sem
21	Mahesh yadav	Bsc VI sem
22	Ram biswas lovanshi	Bsc VI sem
23	Rupesh pandey	Bsc VI sem
24	Rahul patel	Bsc VI sem
25	Mandvendra signh	Bsc VI sem
26	Ravi paswan	Bsc VI sem

## 2018-19

S.no	Student name	Class
1	Jitendra jhavi	Bsc VI sem
2	Devndra dhakar	Bsc VI sem
3	Bhajan patel	Bsc VI sem
4	Ajay rajput	Bsc VI sem
5	Ajay napit	Bsc VI sem
6	Bhanwar rajput	Bsc VI sem
7	Anuradha singh	Bsc VI sem
8	Hiamanshu katore	Bsc VI sem
9	Gaurav rathore	Bsc VI sem
10	Ashish kol	Bsc VI sem
11	Rupesh pandey	Bsc VI sem
12	Ashish kaurav	Bsc VI sem
13	Amit tiwari	Bsc VI sem
14	Ganesh jhalkare	Bsc VI sem
15	Arti verma	Bsc VI sem
16	Ashish lodhi	Bsc VI sem
17	Ashif khan	Bsc VI sem
18	deepak patel	Bsc VI sem

# 2021-22

s.no	Name of student	Project Name	Place of Internship	Guide	
1	Yashwardhan singh shakawat	Automatic Wheater	Meterological Dept. Centre Bhopal	Dr. Dk Khare	
2	Sangam Gautam		Meterological Dept. Centre Bhopal	Dr. Harsha Jalori	
3	Vikrant Chourasia		Meterological Dept. Centre Bhopal	Dr. Dk Khare	
4	Devansh Rajput		Meterological Dept. Centre Bhopal	Dr. Harsha Jalori	
5	Sonal Patel		Meterological Dept. Centre Bhopal	Dr. Dk Khare	
6	Shrjal Choubey		Meterological Dept. Centre Bhopal	Dr. Dk Khare	
7	Shailendra Tripathi	Upper Air Obeservation	Meterological Dept. Centre Bhopal	Dr. Dk Khare	
8	M. Minhaj		Meterological Dept. Centre Bhopal	Dr. Harsha Jalori	
9	Dipanshu Singh		Meterological Dept. Centre Bhopal	Dr. Harsha Jalori	
10	Jitendra		Meterological Dept. Centre Bhopal	Dr. Harsha Jalori	
11	Saniya Khan		Meterological Dept. Centre Bhopal	Dr. Harsha Jalori	
12	Vidhi Narwariya		Meterological Dept. Centre Bhopal	Dr. Dk Khare	
13	Sumit Kushwaha	Dopper Weather Radar	Meterological Dept. Centre Bhopal	Dr. Dk Khare	
14	Rishi shukla		Meterological Dept. Centre Bhopal	Dr. Harsha Jalori	
15	Sourabh shukla		Meterological Dept. Centre Bhopal	Dr. Harsha Jalori	
16	Sourbha yadav		Meterological Dept. Centre Bhopal	Dr. Dk Khare	
17	Vivek Jat		Meterological Dept. Centre Bhopal	Dr. Dk Khare	
18	Vikas Verma		Meterological Dept. Centre Bhopal	Dr. Dk Khare	
19	Rahul Rajput		Meterological Dept. Centre Bhopal	Dr. Dk Khare	

# Internship Computer Science

2016-17

Name of student	Place of Internship	Project Name	Guide
Ku Heena Khan	Paradise Computer Dig Bunglow Bhopal	Tally 7.0	Mr Vipin Kumar
Seema Singh	Paradise Computer Dig Bunglow Bhopal	Tally 7.0	Mr Vipin Kumar
Shivangi Kanojiya	Paradise Computer Dig Bunglow Bhopal	Tally 7.0	Mr Vipin Kumar
Abhishek Kujur	Arcnet Computer near by Bhopal takies bhopal	Tally 7.0	Mr Vipin Kumar
Abhishek Yadav	Arcnet Computer near by Bhopal takies bhopal	Tally 7.0	Mr Vipin Kumar
Ashish Verma	Arcnet Computer near by Bhopal takies bhopal	Tally 7.0	Mr Vipin Kumar
Balram	Arcnet Computer near by Bhopal takies bhopal	Tally 7.0	Mr Vipin Kumar
Bhikam Meena	Arcnet Computer near by Bhopal takies bhopal	Photshop	Mr Vipin Kumar
Deepesh Kheer	Arcnet Computer near by Bhopal takies bhopal	Photshop	Mr Vipin Kumar
Durgesh Sahu	Arcnet Computer near by Bhopal takies bhopal	Photshop	Mr Vipin Kumar
Kailash Evate	Arcnet Computer near by Bhopal takies bhopal	Photshop	Mr Vipin Kumar
Kapil Anand	Arcnet Computer near by Bhopal takies bhopal	DTP	Mr Vipin Kumar
Mayur yadav	Arcnet Computer near by Bhopal takies bhopal	DTP	Mr Vipin Kumar
Mohit sharma	Sunny Institute bhopal	DTP	Mr Vipin Kumar
Omkar Raguwanshi	Wadhbani computer bhopal	DTP	Mr Vipin Kumar
Rahul kumar	Wadhbani computer bhopal	Photshop	Mr Vipin Kumar
Ramla khan	Arcnet Computer near by Bhopal takies bhopal	Photshop	Mr Vipin Kumar
Rammurti Choudhary	Arcnet Computer near by Bhopal takies bhopal	Web Design	Mr Vipin Kumar
Ravi Raj	Arcnet Computer near by Bhopal takies bhopal	Web Design	Mr Vipin Kumar
Ravi yadav	Arcnet Computer near by Bhopal takies bhopal	Web Design	Mr Vipin Kumar
Satyendra chandel	Paradise Computer Dig Bunglow Bhopal	Web Design	Mr Vipin Kumar
Sailendra dhakar	Wadhbani computer bhopal	Web Design	Mr Vipin Kumar
Shivandra kushwaha	WICT sindhi colony bhopal	Web Design	Mr Vipin Kumar
Shubham yadav	WICT sindhi colony bhopal	Web Design	Mr Vipin Kumar
Sourabh girdoniya	WICT sindhi colony bhopal	Pagemaker	Mr Vipin Kumar
Umesh Tiwari	WICT sindhi colony bhopal	Pagemaker	Mr Vipin Kumar
Virendra Mali	Paradise comuter dig bunglow bhopal	Pagemaker	Mr Vipin Kumar
Yogendra Prajapati	Arcnet Computer near by Bhopal takies bhopal	Pagemaker	Mr Vipin Kumar

## 2017-18

Name of student	Place of Internship	Project Name	Guide
Abhishek Kahar	Arcnet Computer near by Bhopal takies bhopal	Photshop	Mr Vipin Kumar
Anand Sahu	Arcnet Computer near by Bhopal takies bhopal	Photshop	Mr Vipin Kumar
Ankit Gupta	Arcnet Computer near by Bhopal takies bhopal	Photshop	Mr Vipin Kumar
Brejesh Uikey	Arcnet Computer near by Bhopal takies bhopal	Photshop	Mr Vipin Kumar
Dinkar Chaturvedi	Arcnet Computer near by Bhopal takies bhopal	Web Design	Mr Vipin Kumar
Dipesh Kokoporiya	Arcnet Computer near by Bhopal takies bhopal	Web Design	Mr Vipin Kumar
Guru Prasad	Arcnet Computer near by Bhopal takies bhopal	Web Design	Mr Vipin Kumar
Hemant Rajput	Arcnet Computer near by Bhopal takies bhopal	Photshop	Mr Vipin Kumar
Lokesh Patel	Arcnet Computer near by Bhopal takies bhopal	Photshop	Mr Vipin Kumar
Piyush Raghuwansi	Arcnet Computer near by Bhopal takies bhopal	Photshop	Mr Vipin Kumar
Poonam Chouhan	Arcnet Computer near by Bhopal takies bhopal	Photshop	Mr Vipin Kumar
Praveen Sahu	Arcnet Computer near by Bhopal takies bhopal	Photoshop	Mr Vipin Kumar
Rahul Jain	Sunny Institute bhopal	Photshop	Mr Vipin Kumar
Ranjeet Dhakad	Sunny Institute bhopal	DTP	Mr Vipin Kumar
Ranjeet yadav	Arcnet Computer near by Bhopal takies bhopal	DTP	Mr Vipin Kumar
Ravindranath viswas	Wadhbani computer bhopal	Photshop	Mr Vipin Kumar
Sarang dwivedi	Arcnet Computer near by Bhopal takies bhopal	Photshop	Mr Vipin Kumar
Sachin dhurvey	Arcnet Computer near by Bhopal takies bhopal	Web Design	Mr Vipin Kumar
Shubham yadav	Arcnet Computer near by Bhopal takies bhopal	Web Design	Mr Vipin Kumar
Sujeet patel	Arcnet Computer near by Bhopal takies bhopal	Web Design	Mr Vipin Kumar
Tulsidas Pwar	Paradise computer dig bunglow	Web Design	Mr Vipin Kumar
Vijay Katere	Wadhbani computer bhopal	Web Design	Mr Vipin Kumar
vipin kumar	WICT sindhi colony bhopal	Web Design	Mr Vipin Kumar
Virendra yadav	WICT sindhi colony bhopal	Web Design	Mr Vipin Kumar
Deepak Rajput	WICT sindhi colony bhopal	Pagemaker	Mr Vipin Kumar
Kamlesh Bhilala	WICT sindhi colony bhopal	Photshop	Mr Vipin Kumar
Akash Prajapati	Arcnet Computer near by Bhopal takies bhopal	Tally 7.0	Mr Vipin Kumar
Yogendra Prajapati	Arcnet Computer near by Bhopal takies bhopal	Photshop	Mr Vipin Kumar

# 2018-19

Name of student	Place of Internship	Project Name	Guide
Aniket shinde	ICON Computer Panchsheel Nagar bhopal	Ms office	Mr Vipin Kumar
Reshma khan	ICON Computer Panchsheel Nagar bhopal	Ms office	Mr Vipin Kumar
Nikita patil	ICON Computer Panchsheel Nagar bhopal	Ms office	Mr Vipin Kumar
Aman Sahu	Arcnet Computer near by Bhopal takies bhopal	Ms office	Mr Vipin Kumar
Ajay k patel	Arcnet Computer near by Bhopal takies bhopal	DTP	Mr Vipin Kumar
Ashish viswakarma	Arcnet Computer near by Bhopal takies bhopal	DTP	Mr Vipin Kumar
Bhoor Singh	Arcnet Computer near by Bhopal takies bhopal	DTP	Mr Vipin Kumar
Devendra	Arcnet Computer near by Bhopal takies bhopal	DTP	Mr Vipin Kumar
Devendra kumar	Arcnet Computer near by Bhopal takies bhopal	DTP	Mr Vipin Kumar
Harshwardhan sharma	Arcnet Computer near by Bhopal takies bhopal	Web Design	Mr Vipin Kumar
Himanshi	Arcnet Computer near by Bhopal takies bhopal	Web Design	Mr Vipin Kumar
Jitendra yadav	Arcnet Computer near by Bhopal takies bhopal	Web Design	Mr Vipin Kumar
Laxmi Naryana	Arcnet Computer near by Bhopal takies bhopal	Web Design	Mr Vipin Kumar
Mahendra pratap singh	Arcnet Computer near by Bhopal takies bhopal	Web Design	Mr Vipin Kumar
Nand Kishore	Wadhbani computer bhopal	Web Design	Mr Vipin Kumar
Neha	Wadhbani computer bhopal	Web Design	Mr Vipin Kumar
Prafful sharma	Arcnet Computer near by Bhopal takies bhopal	Photshop	Mr Vipin Kumar
Rahul bhavor	Arcnet Computer near by Bhopal takies bhopal	Pagemaker	Mr Vipin Kumar
Rahul gurjar	Arcnet Computer near by Bhopal takies bhopal	Pagemaker	Mr Vipin Kumar
Ravi	Arcnet Computer near by Bhopal takies bhopal	Pagemaker	Mr Vipin Kumar
Ritik arya	Arcnet Computer near by Bhopal takies bhopal	Pagemaker	Mr Vipin Kumar
Rohit nayak	Wadhbani computer bhopal	Pagemaker	Mr Vipin Kumar
Shivam Patel	WICT sindhi colony bhopal	Corel draw	Mr Vipin Kumar
Shivam sahu	WICT sindhi colony bhopal	Corel draw	Mr Vipin Kumar
Sourabh Agarwal	WICT sindhi colony bhopal	Corel draw	Mr Vipin Kumar
Rahul yadav	Arcnet Computer near by Bhopal takies bhopal	Hardware Repair	Mr Vipin Kumar
Akash Prajapati	Arcnet Computer near by Bhopal takies bhopal	Tally 7.0	Mr Vipin Kumar
Yogendra Prajapati	Arcnet Computer near by Bhopal takies bhopal	Photshop	Mr Vipin Kumar

2021--22

s.no	Name of student	Project Name	Place of Internship	Guide
1	JAYA GWALE	DTP Project	Arcnet Computer Bhopal	Mr Vipin Kumar
2	PRIYA RAJPUT		Arcnet Computer Bhopal	Mr Vipin Kumar
3	RAJNI THAKUR		Arcnet Computer Bhopal	Mr Vipin Kumar
4	PRIYANSHI DWIVEDI		Arcnet Computer Bhopal	Mr Vipin Kumar
5	PRASHANT PATEL		Arcnet Computer Bhopal	Mr Vipin Kumar
6	ABHISHEK SAHU		Arcnet Computer Bhopal	Mr Vipin Kumar
7	ASHISH VARDHAN RAJPUT	MS OFFICE	Arcnet Computer Bhopal	Mr Vipin Kumar
8	GAURAV GUPTA		Arcnet Computer Bhopal	Mr Vipin Kumar
9	MUKESH PAL		Arcnet Computer Bhopal	Mr Vipin Kumar
10	RAMAKANT MEHRA		Arcnet Computer Bhopal	Mr Vipin Kumar
11	RAVI KUSHWAHA		Arcnet Computer Bhopal	Mr Vipin Kumar
12	SHUBHAM SHARMA		Arcnet Computer Bhopal	Mr Vipin Kumar
13	SONU SEN	Photoshop	Arcnet Computer Bhopal	Mr Vipin Kumar
14	HIMANSHU SINGH		Arcnet Computer Bhopal	Mr Vipin Kumar
15	NIKHIL VISHWAKARMA		Arcnet Computer Bhopal	Mr Vipin Kumar
16	SUJEET DWIVEDI		Arcnet Computer Bhopal	Mr Vipin Kumar
17	PROMOD SAHU		Arcnet Computer Bhopal	Mr Vipin Kumar
18	ANSH SHARMA		Arcnet Computer Bhopal	Mr Vipin Kumar
19	BHUPENDRA SINGH RAJPUT	Hardware	Arcnet Computer Bhopal	Mr Vipin Kumar
20	BHUVESH		Arcnet Computer Bhopal	Mr Vipin Kumar
21	MUNISH KUMAR SEN		Arcnet Computer Bhopal	Mr Vipin Kumar
22	NEERAJ CHOUDHARY		Arcnet Computer Bhopal	Mr Vipin Kumar
23	SHASHANK DUBEY		Arcnet Computer Bhopal	Mr Vipin Kumar
24	ARPIT SHROTI		Arcnet Computer Bhopal	Mr Vipin Kumar
25	JEEVAN RAJAK	PageMaker	Arcnet Computer Bhopal	Mr Vipin Kumar
26	MOHAMMAD AAWESH ANSARI		Arcnet Computer Bhopal	Mr Vipin Kumar
27	BABLU MEHRA		Arcnet Computer Bhopal	Mr Vipin Kumar
28	SONU MANSURI		Arcnet Computer Bhopal	Mr Vipin Kumar
29	ABSHISHEK SINGH BAGHEL		Arcnet Computer Bhopal	Mr Vipin Kumar
30	YOGESH KUMAR		Arcnet Computer Bhopal	Mr Vipin Kumar

## Departmental Activities

1. Organized One day seminar on “Amplifier” by Dr. Manisha Nigam Prof. Physics Govt. MLB PG college Bhopal on 10th march 2017 in Department of Physics, Govt, Benzeer Science and Commerce College , Bhopal.
2. Organized One day seminar on “Yoga and its benefits in daily life” by Prof Shailja Triwedi Prof. Atal Bihari Vajpayee Hindi University Bhopal on 26th Feb. 2018 in Department of Physics, , Govt Dr. Shyama Prasad Mukherjee, Science and Commerce PG College , Bhopal.
3. Organized One day workshop on “LED Bulb assemble” by Shri Sanjay Sahu Lakshya Enterprise Bhopal on 24th March. 2018 in Department of Physics, Govt Dr. Shyama Prasad Mukherjee, Science and Commerce PG College , Bhopal.
4. Organized Online Quiz on “ Science and Technology” on 13th June 2020 Bhopal by Department of Physics , Govt Dr. Shyama Prasad Mukherjee, Science and Commerce PG College , Bhopal.
5. Organized Online Guest lecturer on “Laser” by Dr.Jitendra Parashar Prof. Physics,SATI Vidhisha on 3rd Feb 2021 in Department of Physics, Govt Dr. Shyama Prasad Mukherjee, Science and Commerce PG College , Bhopal.
6. Organized Two days online webinar on “ Role of ICT in Online Teaching , Learning and Evaluation on 11 th and 12 th August 2021 in Department of Physics, Govt Dr. Shyama Prasad Mukherjee, Science and Commerce PG College , Bhopal
7. Organized One day seminar on “Semiconductor “ by Dr.B.K.Sinha Professor Physics IEHE Bhopal on 15 th march 2022 in Department of Physics , Govt Dr. Shyama Prasad Mukherjee, Science and Commerce PG College , Bhopal.



Guest Lecturer by Prof.(Physics) IEHE  
Dr. B.K Sinha



**Bhopal, Madhya Pradesh, India**

BX/86, Road, F-Sector, Rajharsh Colony, Uma Vihar, Bhopal, Madhya Pradesh  
462042, India

Lat 23.167445°

Long 77.42011°

15/03/22 12:28 PM

Guest Lecturer by Prof.(Physics) IEHE  
Dr. B.K Sinha



GPS Map Camera

**Bhopal, Madhya Pradesh, India**

BX/86, Road, F-Sector, Rajharsh Colony, Uma Vihar, Bhopal, Madhya Pradesh

462042, India

Lat 23.167509°

Long 77.420126°

15/03/22 12:35 PM



Google

Webinar ON

## Role of ICT in Online Teaching, Learning & Evaluation

organized by

**DEPARTMENT OF PHYSICS**

**GOVT. DR. SHYAMA PRASAD MUKHERJI  
SCIENCE AND COMMERCE PG COLLEGE, BHOPAL**

*WITH COLLABORATION OF*

**M.P. HEQP OF WORLD BANK**

**Date : 11 & 12 August 2021**

**Platform : Google Meet**

**Time : 11:30AM - 4:00PM**

**Meet Code : cfb-ufnb-ebu**

### KEYNOTE SPEAKERS



**DR. ANUJ  
HUNDET**

Prof. Physics  
IEHE, Bhopal

**Topic: Smart teaching**



**DR. PRAGYESH  
AGRAWAL**

Prof. Physics  
OSD, State Project  
Directorate, RUSA

**Topic: MOOCS**



**DR. AMIT  
JAIN**

Prof. Physics,  
IEHE, Bhopal

**Topic: Various modes  
of online teaching**



**SATYENDRA  
JAIN**

Asst. Prof. MCA  
SATI Vidisha

**Topic: Online teaching  
and examinations on  
google platform**



**DR. SAROJ  
SHRIVASTAVA**

Patron



**DR. RAGINI  
TIWARI**

Head of Department



**DR. RAKESH  
SAXENA**

Advisor



**DR. HARSHA  
JALORI**

Convener



**DR. MAMTA  
PANDEY**

Organising  
Secretary



Govt. Dr. Shyama Prasad Mukharjee Science & Commerce PG College  
Bhopal(M.P.)

Department of Physics

Two Days Online Webinar

On

“Role of ICT in Online Teaching, Learning & Evaluation”

11 & 12 August 2021

Schedule

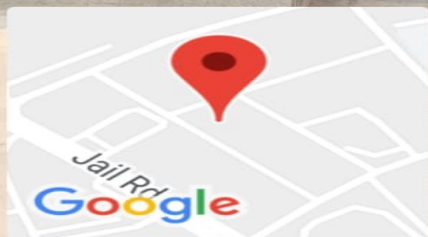
Day1	11.30 AM	12.00 Noon-1.30 PM		2.30 PM-4.00 PM
11 August 2021 Wednesday	Inauguration	“Smart Teaching” Prof. Anuj Hundat	Break	“MOOCs” Prof. Pragyesh Agrawal
Day2	12.00 Noon-1.30 PM			2.30 PM-4.00 PM
12 August 2021 Thursday	“Various Modes of Online Teaching” Prof. Amit Jain			“Online Teaching & Examination on Google Platform” Prof. Satendra Kumar Jain

# Meteorological Centre, Bhopal

## Field Project- B.Sc. First Year-



GPS Map Camera



**Bhopal, Madhya Pradesh, India**

6CRF+HG9, Arera Hills, Bhopal, Madhya Pradesh 462011,  
India

Lat 23.241313°

Long 77.424024°

07/03/22 02:55 PM

# Personality Development-

## Presented by Dr. Mamta Pandey on Time Management





## Online Classes physics

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

<https://meet.google.com/yjz-bujb-bai>

Or open Meet and enter this code: yjz-bujb-bai for B.Sc.First Year Physics class. Join class at 3.00 PM

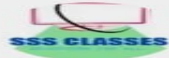




# Online Classes Computer Science

Bsc III yr cs 2021-22 ➡

Inbox



SSS classes 2021 14/9/2021  
to me ✓



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

<https://meet.google.com/eea-tpsi-dce>

Or open Meet and enter this code:  
eea-tpsi-dce

The screenshot shows a Google Meet interface. On the left, a code editor window displays C++ code for finding the greatest of three numbers (a, b, c). The code is as follows:

```
#include<iostream.h>
#include<conio.h>
void main()
{
clrscr();
int a,b,c;
cout<<"Enter the no. a,b,c:";
cin>>a>>b>>c;
if(a>b && a>c)
{
cout<<"a is greatest";
}
else if(b>a && b>c)
{
cout<<"b is greatest";
}
else
{
cout<<"c is greatest";
}
getch();
}
```

On the right, the 'People' panel lists participants in the call:

- Abhishek start-up c... (You)
- Abhishek Sharma
- Ayush Batham
- Mayur Salame
- pavan kushwaha
- PriYanshu Verma
- Shreyas D...

The bottom status bar shows the time as 3:39 PM and the window title as 'jcw-jwnp-fje'.

Thank you