

**Department of Physics**  
**Shri Murli Manohar Town P.G. college**  
**Ballia, U.P.**  
**(Affiliated to Jananayak Chandra Shekhar University, Ballia)**

**1. About**

The department of Physics was established in 1964. Only UG courses are offered by the department of Physics. Currently, there are 4 well educated faculty members in the department. Shri. Sujeet Kumar Verma is the current head of department. He has done his master degree from BHU with specialization in Solid state physics. He has also done research work at the same place for about nine months in field of Fiber optics.



## 2. List of Faculties

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### Shri. Sujit Kumar Verma

Qualification M.Sc. (Physics), NET  
Designation Assistant Professor  
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Specialisation and area of research Solid State Physics  
Research Papers- 09; Seminars/ Conferences- 03; Books/Book Chapters- 05



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### Shri. Dadan Singh

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Specialisation and area of research Microwave Remote Sensing  
Research Papers- 01; Seminars/ Conferences- 02



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### Shri. Shubham Singh

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Specialisation and area of research Material Sciences  
Seminars/ Conferences- 03



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### Shri. Rishi Chand Gupta

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Specialisation and area of research Material Sciences



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## 3. List of Ex-faculties:

1. Shri Umashankar Tripathi
2. Shri Subhash Chandra Singh
3. Shri Gulab Singh
4. Dr. Rajendra Prasad

#### **4. Student Profile:**

Most of the students admitted here are from eastern UP and western Bihar. They come mostly from socially and economically poor classes. However, they often exhibit good performance.

#### **5. Changes in Courses:**

The syllabus of Physics at under-graduate level was last revised in 2003-04 following the recommendations of UGC. The then Head of the Department, Dr Gulab Singh represented the Board of Studies that revised the syllabus.

#### **4.Success rate and drop-out rate:**

The department has maintained a good success rate of students. The success rate of UG students is more than 70%. The drop-out rate is almost negligible.

#### **5. Learning Resources of the department:**

The department is equipped with following resources for our students-

**A. Library:** For UG students, there is a central library in the institution that has sufficient number of text books (about 2200) and reference books (about 350) and many Encyclopedia etc..

**B. Laboratory:** There are three laboratories for UG students equipped with necessary instruments like Spectrometer, polarimeter, Michelson interferometer, cathode ray oscilloscope, manual and electronic multimeter, RF oscillator, Constant deviation spectrograph, sextant, battery charger/converter, slide projector, generator, amplifier with microphone, etc.

**6. Modern teaching methods:** Apart from classroom teaching, we promote learning by doing/experimenting in the laboratory itself. We discuss each experiment in the laboratory with students and give grading on the experimental work and record book. We also arrange guest lectures, seminars etc. to strengthen our teaching.

**7. Academic and personal Counseling:** The staff members take keen interest in providing academic counseling to our students. Every teacher gives one day to interact with students in a week. We give counseling to our students according to their interests and inform them about their future avenues.

**8. Faculty development programmes:** Mr. Sujeet Kumar Verma has attended one Orientation Programme in 2007.

#### **9. Participation in academic activities:**

**Teaching-** All the faculty members are regularly involved in teaching, (theory and practical), each faculty taking about 24 periods per week.

#### **Other Academic Activities-**

Our faculty members are routinely involved in other college activities, like proctorship, admission, examination, evaluation, etc.

**10. Collaboration with other departments and institutions:** none

**11. Priority Areas of Research and Publications of last two years-** None

**12. Placement record of Students-** We have a good placement record of students in different fields.

Some of our alumni are listed below-

1. Dr virendra singh, reader in physics, TD College, Jaunpur
2. Dr Anchal Srivastava, reader in Physics, BHU
3. Sri Kailash chandra, IAS
4. Sri naveen Kumar Singh- Software engineer, TCS
5. Sri ram Govind Chaudhuri- Ex cabinet minister, UP state government

**13. Plan of action of the department for the next five years:**

The plan of action of the department in the coming years is to further improve the quality of teaching, improve our labs, and if possible, also to apply for PG course.