



Govt. Science College Jabalpur (M.P.)



Pachpedi, South Civil Lines, Jabalpur (M.P.)

Model & Autonomous, College with Potential for Excellence & NAAC A Grade in all the 3 Cycles

Department of Mathematics & Computer Science
Special Talk on

**Fundamental Tools of Mathematical Analysis with
Applications in Engineering, Science & Technology**

**Sponsored By : Deptt. Of Higher Education, Govt. of MP
Under World Bank Scheme of MP Higher Education
Quality Improvement Program**

Date - 24 JAN 2022, Time 12:30 PM

<https://meet.google.com/vwp-svwh-wur>



Guest Speaker

Dr. Vishnu Narayan Mishra
Professor & Head (Mathematics)
Indira Gandhi National Tribal
University .Lalpur, Amarkantak



Dr R.K. Shrivastava
Coordinator
World Bank



Dr Rajendra Pandey
Professor & Head
Deptt. of Maths & CS



Dr A.L. Mahobia
Principal

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Department of Mathematics

Govt. Science College Jabalpur

Report-1 of the Program

Under World Bank scheme of MP higher education, department of mathematics and computer science organized Special Talk on the topic "Fundamental tools of mathematical analysis with applications in engineering, science and technology". According to the brochure, this quality improvement program was scheduled to commence on the date 24 Jan. 2022 at 12:30 P.M. The guest speaker Dr. Vishnu Narayan Mishra, professor and head of the department of mathematics, Indira Gandhi National Tribal University Lalpur, Amarkantak, joined the program online through Google meet. The faculty members along with the post graduate students and other beneficiaries joined the program. Dr. A. L. Mahobia, principal of the college delivered inaugural speech on this occasion. The guest speaker covered mainly the following topics:

- (1) Approximation by positive operator
- (2) Approximation by linear / nonlinear operators
- (3) Approximation by integral operators
- (4) Rate of convergence and Moduli of smoothness
- (5) Simultaneously approximation

We hope that this talk is useful to attract researchers and scientists working in the field. Considering the huge volume of the topic the guest speaker delivered the talk in two consecutive sessions. After questions and queries of the participants, head of the department, Dr. Rajendra Pandey, expressed his vote of thanks to all participants and guest speaker. He expressed his thanks especially to Dr. A. L. Mahobia, principal of the college and Dr. R.K. Shrivastav, coordinator of the world bank scheme for their kind co-operation. We are also thankful to Mr. Sanjay Jaiswal, computer operator, for his technical support.

— 24/01/22 —
विभागाध्यक्ष, गणित विभाग
शासकीय आदर्श विज्ञान महाविद्यालय
जबलपुर (म.प्र.)

Government Science College, Jabalpur
Department of Mathematics & Computer Science

Special Talk on

Fundamental Tools of Mathematical Analysis with Applications in Engineering

Under World Bank Scheme of MP Higher Education

Quality Improvement Program

Date - 24 JAN 2022, Time 12:30 PM

List of Participants

- 1 Dr Rajendra Pandey
- 2 Anmol Shree Gour
- 3 Anurag Pasi
- 4 Ashutosh Daharriya
- 5 Dr G R K Sahu
- 6 Dr R P S Chandel
- 7 Dr Rajesh Tiwari
- 8 Dr. Animesh Gupta
- 9 Dr. R.P.S. Choudhary
- 10 Dr. Rajendra Kuraria
- 11 Dr. S.K. Garg
- 12 Firoj Khan
- 13 Fiza Aarzo
- 14 Kavita Marko
- 15 Kiran Dubey
- 16 Mihul Mishra
- 17 Mr. Lal Ji
- 18 Nandani
- 19 Nisha Jain
- 20 Pallavi Sarate
- 21 Piyush Tiwari
- 22 Sachin Sahu
- 23 Sadia Gohar Ansari
- 24 Shivani Jaiswal
- 25 Shri Anil Vishwkarma
- 26 Shri Sanjay Jaiswal
- 27 Smt. Preeti Nagar
- 28 Smt. Richa Sharma
- 29 Varsha Parasar
- 30 Vikash Rai

शारदादेव

HOD

विभागाध्यक्ष, गणित विभाग
Mathematics & Computer Science
शासकीय आदर्श विज्ञान महाविद्यालय
जबलपुर (म. प्र.)