

Rajendra Kumar Pathak

Department of Applied Science (Mathematics),
Samrat Ashok Technological Institute,
Vidisha, M.P.
INDIA-464001

Mob. No. - +91 9893540442

E-mail: rajendrapathak1970@rediffmail.com

CURRENT POSITION:

Working as an Assistant Professor (Contract), Department of Applied Mathematics, Samrat Ashok Technological Institute, Vidisha, M.P.

TEACHING EXPERIENCE:

1. Worked as an Assistant Professor from 11/08/2008 to 30/06/2022 at Department of Applied Science (Mathematics), Samrat Ashok Technological Institute, VIDISHA, M.P.
2. Worked as an Assistant Professor from 08/09/2005 to 10/08/2008 at Department of Applied Science (Mathematics) UIT RGPV BHOPAL, M.P.
3. Worked as an Assistant Professor from July 1998 to 07/09/2005 at Department of Mathematics. RKM College VIDISHA M.P.
4. Worked as an Assistant Professor from 1991 to 1994 at Department of Mathematics S.S.L Jain P.G. College VIDISHA

PERSONAL DETAILS

Name: Rajendra Kumar Pathak

Father's Name: Late G K Pathak

Date of Birth: 11/05/1970

Place of Birth: Vidisha

Marital Status: Married

Spouse Name: Kumkum Pathak

Permanent Address: Near Jain Temple, Ramdwara, Vidisha, MP - 464001

Mob. No.: 9893540442

E-mail: rajendrapathak1970@rediffmail.com

Address for Correspondence: As above

EDUCATIONAL DETAILS

Exam Passed	Board/University	Year	Division
Higher Secondary	MP Board	1986	II
BSc	BU Bhopal	1989	II
MSc	BU Bhopal	1991	I
MPhil	Selum University, Tamilnadu	2008	I
PhD	BU Bhopal	2013	--

CONFERENCE/WORKSHOP/SEMINAR ATTENDED:

1. **National Conference on Emerging Trends in Basic Science Dec. 2011**
2. **Mathematical Methods in Science and Engineering Dec. 2016**
3. **International Seminar and Exhibition Innovations and Opportunities in Building Materials and Housing Technologies Nov. 2018.**
4. **National Conference on Recent Advance in Science , Engineering and technology Nov.2019**
5. **International Conference on High Power Coherent Radiation Generation and its Interaction with matter Feb 2016**
6. **Summer Training Program on Active Learning IIT Bombay June 2018**
7. **National Workshop on Pedagogy and Active Learning May 2019.**

LIST OF PUBLISHED PAPERS IN REFERRED JOURNALS:

- (1) Harmonic emission due to nonlinear coupling of a Gaussian Laser and a Plasma Wave, Rajendra Pathak RK Jain and J Parashar, Physico Scripto 80, 045505 (2010).
- (2) Exact Traveling Wave Analysis of Second Harmonic Solitary Wave in a Nonlinear Medium, RK Pathak, R.K.Jain and 1 Parashar, Jhaanabha (accepted 2010).
- (3) Nonlinear Mixing of Electron Bernstein Waves and Emissions at Cyclotron Harmonics in Plasmas, Rajendra Pathak, R.K. Jain and J Parashar, Mathematics Education (accepted 2010).
- (4) Propagation of Surface Plasma Wave in a Layered Waveguide, Rajendra Pathak, RK Jain, and J. Parashar, Acta Physica Polonica (Communicated 2010).

(5) Detection of Terahertz Signals via Direct Current Generation in a Semiconductor with a Magnetic Wiggler, Rajendra Pathak, R.K Jain and 1. Parashar, Journal of Engineering. Science & Management Education NITTR Bhopal (communicated 2010).

(6) Dispersion Characteristics of Electromagnetic Waves in Dielectric Loaded Cylindrical Waveguides, R.K.Pathak, Santosh Jain and J.Parashar. Fifteenth Annual Conference of Gwalior Academy of Mathematical Sciences, Dec 12-14, 2010, New Delhi).

REFERENCES:

Dr. J Parashar (Supervisor)

Professor & DEAN (Academic)

Department of Physics, SATI, Vidisha.

Mob. No.- 8319171689 **E-mail:** jparashar@satiengg.in

Declaration:

I, hereby, declare that (i) The information furnished above is correct (ii) I have never been dismissed from service nor convicted for any offence (iii) In case of concealment of any fact(s), my application is liable to be rejected/employment cancelled.

Place: Vidisha, India

(R K Pathak)