### Senior Research Advisors -

- Dr Krishna Gopal Pandey, Former HOD, Dept. of Aquatic toxicology , IITR, Lucknow Dr R. K Singh, Rtd. Senior Scientist, CDRI, Lucknow

- Dr B. K. Singh, Former Scientist -E, ICMR, Govt. of India Prof. S P Roy. Former Dean and head zoology, Tilka Manjhi Bhagalpur University
- Prof. Manish Chandra Verma Former Dean and head zoology, Tilka Manjhi Bhagalpur University
- Prof. Ajit Kumar Singh Former HOD, Deparment of Zoology, PatliputraUniversity,Patna Prof Arun Kumar Singh Former HOD, Deparment of Zoology, Patliputra, University, Patna
- Vsiting Research Consultant Scientist
- Dr H. B .Singh, former Scientist-F,DST, Govt. India
- Dr Alok Kumar Pandey, Scientist, IITR, Lucknow, UP
- Dr R. K Singh, Rtd. Senior Scientist, CDRI, Lucknow
- Dr B. K .Singh, Former Scientist -E, ICMR, Govt. of India
- Dr. R. S. Sharma, Former Scientist -F and DG, ICMR, Govt. of India
- Prof. Rimjhim Sheel ( Head and Dean University Department of Botany, Patliputra University, Patna) Prof. Shivesh Kumar Singh, Dept. of Zoology, Govt. PG College, Satna, MP.
- Prof. Sushil Kumar, H.O.D, Dept. of Biotechnology, A. N. College, Patna
- Prof. Tanuja, Department of Biological Sciences, Jamia Millia Islamia, Central University, New Delhi)
- Dr. Rajesh Kumar Singh (H.O.D., Department of Radiation Oncology, IGIMS, Patna)
- Dr Shantosh Kumar (Assist. Prof., Department of Medical Physics, State Cancer Institute, IGIMS, Patna)
- Dr. Prem Kumar, Consultant veterinarian, Patna

Contact details:-: website- www. shwt.org ; Email: iirpatna@gmail.com









Students and faculty members to pursue their training/Job training & research work in the above-mentioned areas and other required areas of the interest.

Keeping in the mind that Bihar is a poor state and there is paucity of scientific research center where student & scholar can pursue their research work under one roof. Therefore, the Institution, Institute for Innovative Research, Patna has been started with the mission and vision for Biological research solutions and to provide the state of art laboratory facility for researchers, students, faculty members & academicians,

The institution also render social and healthcare services by organizing - health & social awareness programs, health camps to aware and motivate common population towards scientific empowerment & benefit of the health perspective of the society.

## Research and Development Programme

Institute impart training (Industrial/Winter/Summer/Dissertation/ Research Project/Job training/Project without training /

Basic Research, Biomedical research, Biotechnology, Microbiological Research, Toxicology, Immunology, Hematology, Biochemistry, Molecular & Cell Biology, Cell culture, Agriculture, Healthcare, Environmental Science, Bioinformatics, and Applied research

Institute Impart Training, Project Training, Dissertation, Workshop and provides other research facilities for-

a) Under Graduate students, Post Graduate students, Ph.D scholar, Researchers & faculty members

b) Project work with training on above mentioned domains

c) Research projects

Trainings: Job Internship / Training project( Both short duration and long duration -as per requirement of the project design) -

Module: A-(15 days)

Module: B-(30 days)

Module: C-(60 days)

Module: E-(120 days and 180 days): Advance research project/Project training/Research Project

Module: F-(180 days and 300 days): Advance research project/Project training/Research Project/Ph.D. work Research trainings:-

- Bio-medical Research Training/Basic Research training
- 2. Training for Microbiological Technique
- 3. Training for Cell Culture technique
- 4. Training for Microbial Biotechnology and Enzymology
- 5. Training for DNA Fingerprinting
- Training for PCR technique
- Training for Recombinant DNA Technology
- Project training on relevant topics of Environmental Science

NOTE: All details of the modules are available on our website; www.shwt.org

# INSTITUTE FOR INNOVATIVE RESEARCH

(A Research unit of DSIR Certified Institution)



#### About the Institute (IIR, Patna)

Institute for Innovative Research , (IIR) Patna is a DSIR(SIRO), Ministry of Science & Technology, Government of India, recognized research institution. The institute is recognized and approved by the Committee for the purpose of control & supervision of experiment on Animal(CPCSEA) ,Ministry of Environment, Forest and climate changes(MOEF&CC) Government of India. The Institute is now located at Digha-Nahar Road, 2nd floor, Vivantes Hospital & Research Institute, Rupaspur, Patna. The distance of the Institute, IIR and Vivantes Hospital and Research Institute, Patna from Danapur railway station is only 3.4 KM, from Patna Junction is 12.5 Km, from Boring road 6.5 KM, from Phulwarisharif, 4.1 KM and from Patliputra Station only 1.2 KM.

#### Our Mission and Vision

The mission of institution. Institute for Innovative Research(IIR) to inculcate scientific temper and learning environment through research and development. Our expert team members involves in different scientific Projects and research activities in the areas of Toxicology, Immunology, Hematology, Biochemistry, Molecular & Cell biology, Cell Culture, Agriculture, Healthcare, Environment & Science and Bioinformatics to be established as a world class Research and Development Organization in the country . We organize and impart Project training, Job Training and workshop on regular basis in the Institute.

The Institution provide facilities for Scientist, Students, Faculty Members, Academician, Ph.D. Scholar, Research scholar, Post Graduate Students, Under Graduate Students, Medical lab technology Students and other life sciences

#### Highlights

- Fully equipped laboratory
- Complete hands-on assistance
- Complete focus on concept building and relevant correlation
- Complete guidance for all kind of scientific documentation, Dissertation project writing and thesis writing and formatting
- Interactive sessions with experts and guide
- Research on relevant topics
- Research publication assistance

### **Our Other Facilities**

- Animal House facilities: Approved by CPCSEA, Govt. of India (Now, CCSEA Committee for Control and Supervision of Experiments on Animal)
- All Diagnostic facilities, Air conditioned laboratories
- The Institute has 100 KVA generator power backup
- Continuous potable water supply(RO)
- Canteen, sitting rooms, separate washrooms for boys & girls
- Fire safety equipment
- Reading room, Sick room and first aid facility

## Scientific Collaborations of the Institution

Vivantes Hospital & Research Institute, Patna

University Department Of Botany (Patliputra University)

Indian Botanical Society of India(Bihar Chapter)

University Department of Zoology (Patliputra University)

Department of Aquatic Toxicology, IITR, Lucknow

Raj Kishore Chourasia Pharmacy College, Hajipur, Vaishali

### Memorandum of Understanding(MOU)

University Department of Botany, Patliputra University, Patna

T.P.S College, Patna, Patliputra University

Vivantes Hospital& Research Institute, Patna

## Scientific & Administrative Team of the Institution

Dr. Ravish Kumar ,MBBS, MD & PG Diploma in Cardiology (UK)

Director, JIR, Patna & Vivantes Hospital and Research Institute Pvt. Ltd., Patna

Dr. Anjali Singh, Ph.D, Former Scientist (WOS-A) DST, Govt. of India

Head &Chief Scientist, Dept. of Research, Institute for Innovative Research, Patna Dr. Saif Ahmad Khan(MD) Sr. Scientist & Consultant Physician

Dr. Anil Roy (MD), Sr. Scientist & Consultant Physician



