

## About NIT Warangal

National Institute of Technology Warangal, formerly known as Regional Engineering College was established in 1959. Over the years it has developed into a premier institute of higher learning and is ranked among the top technical education institutions in India. There are 14 Departments offering 8 undergraduate and 31 post-graduate besides doctoral programs. About 5000 students across the country and about 500 international students study on the campus. It is a fully residential campus sprawling over 250 acres with excellent infrastructure in the form of state of the art library, seminar halls, guest houses and laboratories.

## Brief profile of the Department of Physics

The Department of Physics is involved in teaching UG and PG students of Engineering and Science Programs. The department has highly qualified, motivated and experienced faculty. The department offers a three year M.Sc. (Tech.) Engineering Physics program with specializations in Photonics, Electronics and Instrumentation. The department is actively engaged in research and having a number of sponsored R & D projects. The areas of research include Nanomaterials, Glasses and Glass ceramics, Biomaterials, Luminescent materials, Ferroelectrics, Magnetic materials, Polymer degradation studies, Photonics, Electronics, Biomedical Instrumentation and Radiation physics. The department has liaison with reputed industries and R&D organizations like BEL, CSIR, DRDO, DST, ELOIRA, RCI, ARCI etc.

## About Warangal

Warangal is the second largest city of the new state of Telangana. It is situated at a distance of 140 km from the state capital Hyderabad (Nearest Airport). It is well connected by Rail (Kazipet Junction is two km away and Warangal Station is 12 km away) and by Road (NH 202). Warangal is renowned for its rich historical and cultural heritage. It was the seat of erstwhile Kakatiya dynasty. It is a seat of tourist attractions with a number of historical monuments like Thousand Pillars Temple, Warangal Fort, Bhadrakali Temple, Ramappa Temple and Lakanavaram Lake located in a radius of 30 km.

## Themes of ARRIM-2018

The workshop focuses on the latest developments in the field of radiation dosimetry. The workshop is also aims at providing an interactive platform to the academia, researchers and the industry. The following topics will be covered in the workshop.

1. Materials processing with radiation
2. Advances in Radiation induced defects and their characterization
3. Radiation detection and measurement
4. Radiation dose reconstruction for dating
5. Medical dosimetry and radiation therapy
6. Radiation for space and aviation
7. Radiation response of nanomaterials
8. Radiation biology and food irradiation
9. Nuclear Instrumentation

**For further details, please contact coordinators:**

**Dr. T. Venkatappa Rao**

**Dr. P. Syam Prasad**

**Dr. P. Abdul Azeem**

Associate Professors

Department of Physics

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*A One Week National Workshop  
on*  
**Applications of Radiation and Radioisotopes in  
Industry and Materials Science  
(ARRIM – 2018)**

**During the year of  
Diamond Jubilee Celebrations of  
NIT (REC), Warangal**

**26<sup>th</sup> - 30<sup>th</sup> November, 2018**

**Call for Registration and Participation**

**Coordinators  
Dr. T. Venkatappa Rao  
Dr. P. Syam Prasad  
Dr. P. Abdul Azeem**

**Organized by  
Department of Physics  
Sponsored under  
TEQIP III  
National Institute of Technology  
Warangal – 506 004  
Telangana State, India**



**Patron**

Prof. N. V. Ramana Rao, Director  
National Institute of Technology, Warangal  
**Chairman of the organizing committee**  
Prof. K. Venugopal Reddy  
Professor & Head Department of Physics  
National Institute of Technology, Warangal - 506004

**Local organizing committee**

Prof. S.V.S. Ramana Reddy  
Prof. L. Ramagopal Reddy  
Prof. M. Sai Shankar  
Prof. R.L.N. Sai Prasad  
Prof. D. Dinakar  
Dr. B. Sobha  
Dr. S. Roy  
Dr. K.Thangaraju  
Dr. D. Haranath  
Dr. D. Paul Joseph  
Dr. Kusum Kumari  
Dr. V. Jayalakshmi  
Dr. R. Rakesh Kumar

**Selection and Rejection:**

The Coordinator reserves right to select or reject candidates based on their teaching aspirations and research interests relevant to the workshop, if the number exceeds 40.

**Accommodation:**

Accommodation for outstation participants will be provided upon request in the Institute Visitors Block or International Students Hostel.

**Resource Persons:**

Faculty members from BARC, IIT's, Centrally funded Institutes/ Universities, Research laboratories and NIT's will deliver lectures and demonstrate the experiments.

**Registration is open to:**

- Faculty members / Research scholars of Science and Engineering branches working in higher education institutions.
- Researchers from Industry and R& D Labs

**How to Apply:**

Interested candidates may send the filled-in registration form along with DD or NEFT slip by post **on or before 10-11-2018**. A scanned copy of the same can be send to Coordinator for information by **E-mail: [arrim2018@gmail.com](mailto:arrim2018@gmail.com)**. As the programme is conducted in a workshop mode with hands-on sessions, the number of participants in the workshop is **limited to 40**. **Candidates are advised to apply early to avoid disappointment.**

**Registration Fee:**

Category of participants	Local participants (With working lunch)	Residential participants (accommodation, breakfast, lunch, dinner included)
Faculty from other institutions	Rs. 1,000/-	Rs. 2,000/-
Internal Faculty/Research Scholars Students	Rs. 500/-	Rs. 1,000/-

**Bank Details:**

Registration fee may be sent in the form of a DD or remitted through On-line to the Bank Account given below.

Account Name	TEQIP – III Funds
Account Number	37583198741
Bank	State Bank of India
Branch	REC Warangal (NIT Campus)
Branch Code	20149
IFSC code	SBIN0020149

**Workshop Language:**

The conference presentations and deliberations will be in English

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on***Applications of Radiation and Radioisotopes  
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(ARRIM – 2018)**

Organized by  
Department of Physics  
NATIONAL INSTITUTE OF TECHNOLOGY  
WARANGAL – 506 004

**REGISTRATION FORM**

1. Name:
2. Designation
3. Department
4. Affiliation:
5. Male/Female:
6. Mailing Address:
7. Telephone No.: (O) (M)
8. Email ID:
9. Highest Academic Qualification:
10. Accommodation required (Y/N):
11. Registration Fees:  
Demand Draft (DD) Amount:  
No.: Date :

Signature of Applicant

Signature & Seal  
of the Head of the  
Department/Institute

N.B.: Photocopy of this form may also be used for registration.