

### **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 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.

### **Themes of ICAFMD-2019**

The conference focuses on the latest developments in the field of functional materials and their applications. The conference is also aims at providing an interactive platform to the academia, researchers and the industry. Participations from different industries, universities and academic institutions from all over the country and abroad are anticipated. The organizing committee hereby invites scientists / technologists engaged in basic as well as applied research from the Universities, Research Institutions and Industries to participate. The scientific sessions will comprise plenary talks, invited talks, technical talks and contributed papers (both oral and posters) on the following topics.

1. **Optical materials**
2. **Biomaterials and composites**
3. **Luminescence materials**
4. **Magnetic/multiferroic/spintronic materials**
5. **Optoelectronic devices (LEDs, OLEDs)**
6. **Solar cells**
7. **Fiber optical sensors**
8. **Functional materials**
9. **Blends and Composites**
10. **Liquid crystal displays**
11. **Nanomaterials**
12. **Materials and Metrology**
13. **Novel applications of nanomaterials**
14. **2D Materials and devices**
15. **Materials for agriculture productivity**

For further details, please contact conveners.

**Dr. P. Abdul Azeem**

**Dr. T. Venkatappa Rao**

**Dr. D. Haranath, Secretary**

Associate Professors

Department of Physics

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**ICAFMD website:** <https://goo.gl/FsTnhV>



### **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 Laknavaram Lake located in a radius of 30 km.



## **International Conference on Advanced Functional Materials and Devices (ICAFMD – 2019)**

**On the eve of  
Diamond Jubilee Celebrations of  
NIT (REC), Warangal**

**26<sup>th</sup>- 28<sup>th</sup> February, 2019**

### **Call for Registration and Participation**

**Conveners  
Dr. P. Abdul Azeem  
Dr. T. Venkatappa Rao**

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



**International advisory committee**

Prof. Ravinder Pandey, MTU, USA  
 Prof. R. P. Rao, USA  
 Prof. Rambabu Bobba, Southern University, Rouge, USA  
 Prof. R.S. Qhalid Fareed, USA  
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**National advisory committee**

Prof. Ashutosh Sharma, Secretary, DST, New Delhi  
 Prof. Girish Sahni, DG, CSIR, New Delhi  
 Prof. K. Vijay Raghavan, Secretary, DBT, New Delhi  
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 Prof. C.D. Lokhande, Sivaji University, Kolhapur  
 Prof. S. J. Dhoble, RTM Nagpur University, Nagpur  
 Prof. K.V.R. Murthy, MS University, Baroda  
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 Prof. G. Gangadhara Reddy, KU, Warangal  
 Dr. V. Ganesan, IUC-DAE, Indore  
 Dr. M. Nageswar Rao, ISRO, Bengaluru  
 Prof. K. Rajanna, IISC, Bengaluru

**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  
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 Dr. K.Thangaraju  
 Dr. D. Paul Joseph  
 Dr. Kusum Kumari  
 Dr. V. Jayalakshmi  
 Dr. R. Rakesh Kumar

**Conference language**

The conference presentations and deliberations will be in English only.

**Call for abstracts**

Authors should submit an abstract of an original, unpublished paper not exceeding 300 words excluding figures and tables. The abstract format can be downloaded from the conference web site. The abstract must be submitted online by sending email to [icafmd2019@gmail.com](mailto:icafmd2019@gmail.com). Last date for submission of abstract is **31<sup>st</sup> December 2018**.

**Proceedings**

All the abstracts accepted from registered participants will be published in the conference proceedings with ISBN number. Papers presented at ICAFMD 2019 will be published in SCI and Scopus indexed journals after peer reviewing process. The journal format for manuscripts can be downloaded from the conference/journal websites.

**Accommodation**

Limited accommodation is available only for student participants inside the institute hostels. However, all other outstation participants should book their accommodation on their own. List of nearby Hotels and their tariff will be updated on the conference website:

<https://goo.gl/FsTnhV>

**Registration**

For registration please fill the online form available in the conference website under registration tab.

**Registration fee**

Category	Early bird Registration Up to 31/01/2019		Late / On-spot Registration	
	Indian (₹)	Others (USD)	Indian (₹)	Others (USD)
Faculty	3000	250	3500	300
Research Scholars/ PG Students	2000	150	2500	200
Accompanying Persons	2000	100	2500	--
Delegate from Industry	10000		11000	

- Conference kit including conference bag and abstract booklet, conference proceedings, access to events in the conference program, conference dinner, tea/coffee, snacks and lunch on all three days of the conference.

- The registration fee excludes accommodation charges. Registration fee may be sent in the form of DD in favor of TEQIP III FUNDS payable at Warangal or remitted through On-line / NEFT 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