

**A One Day
Workshop**

On

“Computational Mathematics”

As part of National Mathematics Day Celebrations

On 1st March, 2023

Sponsored by

National Council for Science & Technology Communication
(NCSTC),

Department of Science & Technology, Govt. of India

And

Telangana State Council of Science and Technology (TSCOST)
Department of EFS&T, Govt. of Telangana

REGISTRATION FORM

Name: Prof/Dr/Mr/Ms _____

Designation: _____

Organization Address: _____

Tel : _____; Fax : _____

Address for communication: _____

Mobile: _____

E-mail: _____

Date: _____

Place: _____

Signature

*(Photocopies of registration form are acceptable)
The registration for the FDP program is also through
online mode by filling the details in google form
using the link or QR code appended.*

Link for registration: [Click here to apply](#)



Scan QR code to register

CHIEF PATRON

Prof. V. Venkata Ramana

Vice Chancellor

RGUKT –Basar

PATRONS

Prof. P. Satish Kumar

Director

RGUKT-Basar

Sri Marupaka Nagesh

Member Secretary

(TSCOST)

COORDINATOR

Dr. H.Dattu

Assistant Professor,

Department of Mathematics

RGUKT-Basar

ORGANIZING COMMITTEE

Mr. A. Madhusudhan, Head

Mr. B. Sathanna

Mr. T. P. Sunil Kumar

Mr. Suresh Devanapalli

Mr. Nagesh Talagani

Mr. G. Sayanna

Mr. T. Prakash

Mrs. Ch. Sandhya Rani

Mr. G. Thirupathi

Mr. Pasunoori Srinivasulu

Mr. Kumar Ragula

Mr. Bala Raju

Mr. D. Praveen Kumar

Mrs. Tarabai. L

Mr. M. Thirupathi Rao

A one day workshop

On

“Computational Mathematics”

*As part of National Mathematics Day
Celebrations*

On 1st March, 2023

Sponsored by

National Council for Science & Technology Communication
(NCSTC),

Department of Science & Technology, Govt. of India

And

Telangana State Council of Science and Technology (TSCOST)
Department of EFS&T, Govt. of Telangana



Organized by

**Department of Mathematics
Rajiv Gandhi University Of Knowledge
Technologies, Basar
Nirmal(Dist), Telangana State-504 107**

About RGUKT:

Rajiv Gandhi University of Knowledge Technologies (RGUKT) Basar was established as a university in Andhra Pradesh (A.P), India. In March 2008, the then AP Government created RGUKT by an act of the Legislature as a full-fledged university which would initially admit approximately the top 1% of the rural students into the three residential campuses located at Basar, Nuzvid, and R K Valley (Idupulapai-Kadapa). The first batch of about 6,000 tenth class students got admitted into a six year integrated program in August 2008.

Subsequently, due to the bifurcation of the erstwhile state of Andhra Pradesh into Telangana and Andhra Pradesh in the year 2015, the three campuses too got divided between the two states. Currently, the Basar campus of RGUKT is the only one that is functioning in the state of Telangana.

About Department of Mathematics:

The Department of Mathematics strives to be recognized for excellence among academic institutions in India and abroad. The Department wishes to focus on providing a comprehensive curriculum at undergraduate and postgraduate levels. The department has at present 24 energetic and dedicated faculty members in many diverse areas of mathematics, and it also boasts of hosting visits of a good number of distinguished mathematicians every year. Along with the teaching responsibilities, the faculty members are actively involved in research. The departmental faculty is supporting the students for preparing for various Competitive exams at different levels like GATE, GRE, CAT.

Introduction:

Computational mathematics is an area of mathematics devoted to the interaction between mathematics and computer computation. A large part of computational mathematics consists roughly of using mathematics for allowing and improving computer computation in areas of science and engineering where mathematics is useful. This involves in particular algorithm design, computational complexity, numerical methods and computer algebra.

Resource Persons:**Mr. Nagesh Talagani,**

Assistant Professor, Maths , RGUKT-Basar

Mr. T. P. Sunil Kumar,

Assistant Professor, Maths , RGUKT-Basar

Mr. T. Prakash

Assistant Professor, Maths , RGUKT-Basar

Mr. Kumar Ragula

Assistant Professor, Maths , RGUKT-Basar

Course Contents:

- ❖ Symbolic Mathematics with SymPy in Python
- ❖ Graph plotting using Matplotlib in Python
- ❖ Introduction to Mat lab
- ❖ Optimization Techniques and Applications.

Eligibility:

This Workshop is open to faculty, research scholars, B.Tech Students, P.G. students from the institutions recognized/approved by AICTE, engineers from industry.

Fee Particulars: Nil

There is no registration fee to attend the workshop.

How to reach Basar:

By Train: Secunderabad (SC)-kamareddy-Nizambad-Basar (BSX)

By Bus : Hyderabad-Secunderabad-Kamareddy-Nizamabad-Basar (IIIT Basar)

Venue:

SAC-Auditorium, RGUKT-Basar

Schedule of the program:

Time	Program
10.00 am-10.30 am	Inaugural session
10.30 am-11.30 am	Session-1
11.30 am-12.30 pm	Session-2
12.30 am-02.00 pm	Lunch
02.00 pm-03.00 pm	Session-3
03.00 pm-04.00 pm	Session-4
04.00 pm-04.30 pm	Valedictory Program

Contact Persons:**Dr. H. Dattu**

Assistant Professor
Department of Mathematics
Email: dattuhalle@rgukt.ac.in
Mobile: 9965819463

Mr. A.Madhusudhan
Head, Department of Mathematics
Email: hod.maths@rgukt.ac.in
Mobile: 9849313299