BISHOP COTTON WOMEN'S CHRISTIAN COLLEGE

Affiliated to Bengaluru City University
#19, 3rd Cross, CSI Compound, Mission Road, Bengaluru – 560027
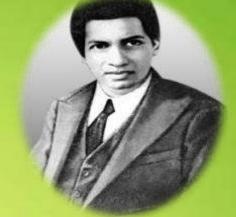
Department of Mathematics

Commemorating

NATIONAL MATHEMATICS DAY 2020

Birth Anniversary of
Srinivasa Ramanujan

" An Equation means nothing to me
Unless it expresses a thought of god"

DATE   14th – 19th Dec 2020

🔗   https://forms.gle/fjL4J5BZs4d4UGnr6

ABOUT THE COLLEGE

Bishop Cotton Women's Christian College was established in 1985 by the Karnataka Central Diocese, Church of South India, with a mission to serve the educational needs of women in our Society. Character formation, academic excellence and service to the student community are our goals. While the institution is open to students from different communities, nationalities and economic status, its commitment is in accordance to the avowed intentions of the founders, which is to provide education and opportunities for the upward mobility of the Christian community. In true Cottonian spirit, the college looks to new horizons, re-dedicating itself to the cause of women's empowerment. The institution encourages individuals to think and act as ethical leaders who help in the creation of a new order based on human dignity, equality and opportunity with social, political and economic justice. It will send into the world, women of substance, worthy of a place in society.

ABOUT THE EVENT

- ✓ India's greatest Mathematical Genius Srinivasa Ramanujan.
  (22 December 1887–26 April 1920)
- ✓ Independently compiled nearly 3900 results.
- ✓ Stated results Ramanujan prime and Ramanujan theta function that inspired a vast amount of further research.
- ✓ Made extraordinary contributions to mathematics analysis, number theory, infinite series and continued fractions.
- ✓ Known for Ramanujan's sum
  Landau–Ramanujan constant
  Mock theta functions
  Ramanujan conjecture
  Ramanujan Soldner constant
  Rogers–Ramanujan identities
  Ramanujan's master theorem
- ✓ In recognition of his contribution to Mathematics the Central government had decided to celebrate Ramanujan's birthday as the National Mathematics Day every year.

GENERAL GUIDELINES

✓ Interested students should register on or before 12th December 2020.
✓ Registered participants will get notification through the registered Email-ID.
✓ All the events are individual events.
✓ Participants are requested to attend the competition with integrity. If any of the participants is found violating the rules, they will be disqualified from the competition.
✓ Students can participate in all events.
✓ E-Certificate will be provided to all the participants.

EVENTS

Day 1: 14/12/2020

Quiz

- ✓ Online Google Form.
- ✓ A Link will be sent to the registered Email-ID.
- ✓ E-Certificate will be given for those who score 50% and above.

Day 2: 15/12/2020

Puzzle

- ✓ Online Google Form.
- ✓ Pictorial representation.
- ✓ A Link will be sent to the registered Email-ID.
- ✓ E-Certificate will be given for those who score 50% and above.

Day 3: 16/12/2020

Photography

Theme: Fibonacci Numbers and the Golden Ratio in Nature.

- ✓ Photos can be shot through camera or phone.
- ✓ (3-5) snapshots + A small write up on each snap.
- ✓ Participants should submit their pictures to the below given mail-id on 16th Dec 2020 by 8:00 pm with following details.
  - 1) Name
  - 2) Name of the Institution
  - 3) Name of the Event
- ✓ Kindly send your snapshots to mathsbcwcc20@gmail.com
- ✓ E-Certificate will be provided.

Day 4: 17/12/2020

Digital Poster Making

Theme: An Enigmatic Genuis – Srinivasa Ramanujan.

- ✓ Use Photoshop.
- ✓ Poster must be of original content, with a proof of you making a poster.
- ✓ Participants should submit the soft copy of the poster as well as the proof to the below mail-id on 17th Dec 2020 by 8:00 pm with following details
  - 1) Name
  - 2) Name of the Institution
  - 3) Name of the Event
- ✓ Kindly send the soft copy to mathsbcwcc20@gmail.com
- ✓ E-Certificate will be provided.

Day 5: 18/12/2020

Lecture Contest

Time Limit: 8+2 minutes
Platform: Microsoft Team
Topic: (choose anyone)

i.   History of Ramanujan and his Contributions.
ii.   Ramanujan's Math=Magic!

✓ Participants should submit the soft copy before 17th Dec 2020 to the given mail-id with following details
            1) Name
            2) Name of the Institution
            3) Name of the Event
✓ Kindly send the soft copy to mathsbcwcc@gmail.com
✓ Participants will receive a confirmation mail with following details
            1)Time slot
            2)Meeting link
✓ Kindly join the meeting link 15 minutes in prior.
✓ E-Certificate will be provided.

Day 6: 19/12/2020

Pencil Portrait Sketch

Theme: The Man Who Knew Infinity – Srinivasa Ramanujan Portrait

- ✓ Participants should use white paper or Chart of minimum A4 size only.
- ✓ The art must be Original, Created in Pencil (including water – soluble, pastel, graphite, charcoal pencil)
- ✓ Participants should submit the Photo Copy as well as the proof of you making an art with following details on 19th Dec 2020 by 8:00 pm to the below mail-id
  - 1) Name
  - 2) Name of the Institution
  - 3) Name of the Event
- ✓ Kindly send the photo copy to mathsbcwcc20@gmail.com
- ✓ E-Certificate will be provided.

For Further queries, kindly Contact
Email ID – mathsbcwcc20@gmail.com
Staff Co-Ordinator
Evelin Silviya. S – 9538762074
Shashikala. A   – 7338047803

Student Co-Ordinator: Nisha Patel. D – 9591953411