रामन अनुसंधान संस्थान

सी. वी. रामन एवेन्यू, सदाशिवनगर, बेंगलूर - 560 080, भारत



C. V. Raman Avenue, Sadashivanagar, Bangalore - 560 080, India



14 March 2022

To

Head of the Institute / Principal

Sir / Madam,

Please find attached the 'REVISED POSTER FOR PhD PROGRAM -2022' from the Raman Research Institute, Bengaluru. You are requested to circulate the attached poster in your Institute / Centre at the earliest.

Thanking you,

Thanking you

22/ord production of

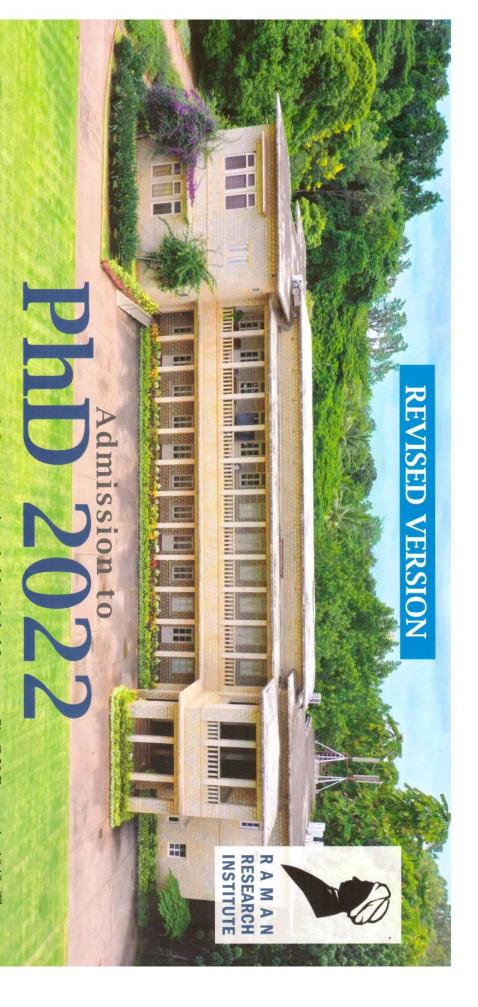
Yours faithfully,

Administrative Officer

Phone : Off + 91 80 2361 0122

Fax: 91 80 2361 0492

e-mail : root@rri.res.in



Details of the activities of the research groups can be found at www.rri.res.in themes. Applications are invited from motivated and qualified students for admission to the PhD programme2022 Institute has a rich heritage and conducts cutting edge research in frontier areas of Physics under contemporary research Raman Research Institute is a premier research Institution founded by Nobel Laureate Sir C V Raman in 1948. The

FORMAT OF THE PhD PROGRAMME: Research Scholars undergo intensive course work during the first year. The medium of instruction is English. On successful completion of the course work and other requirements for confirmation of their candidature, research students will be registered for a PhD degree with the Jawaharlal Nehru University (JNU), New Delhi.

SELECTION PROCEDURE: Candidates seeking admission are called for interview based on:

Performance in the Joint Entrance Screening Test (JEST) with a valid score. Please visit http://www.jest.org.in for more information on JEST.

in national and international conferences five years. RRI encourages and supports participation of students (presently 27%) of the scholarship, will be provided for a period of accommodation, if available, or HRA at applicable rates paid a book grant totaling to Rs.50,000/- in 5 years. Hostel three years, subject to satisfactory progress. In addition, they are first two years and Rs.35,000/- per month thereafter for the next

with the Indian Institute of Science, Bengaluru RRI is also a participant in the Joint Astronomy Programme (JAP)

Reservations for SC/ST/OBC candidates will be as per norms. they can produce their final score card at the time of admission degree in the academic year 2021-2022 may also apply, provided reserved categories. Students who expect to complete their final for the qualifying degree. 5% relaxation is provided for the should have a minimum of 55% marks in aggregate or equivalent Mathematics or M.E./M.Tech degree in Engineering. Candidates programme must have a regular MSc degree in Physics, WHO ARE ELIGIBLE: Candidates seeking admission in PhD

> (Physics/Mathematics) or in subject GRE (Physics) with a valid Performance in CSIR-UGC NET for JRF (Physics) or in GATE

around second or third week of April 2022 during May-June 2022. Call letters for interviews will be sent based on performance in the interviews to be held at RRI tentatively FINAL SELECTION: The final selection of all the candidates is

are published. It is expected that online application will be open in phd_programme.html. The online application process will start admissions at RRI via the link https://www.rri.res.in/ RRI website in March 2022 for further updates. the month of March 2022. Please visit the PhD Programme page of after the results of JEST, CSIR-UGC NET and GATE examinations HOW TO APPLY: All candidates need to apply online for

email once the online application is open. Programme page. In that case, you will receive an interest in advance using the link given in the PhD You may immediately register an expression of



ASTRONOMY & ASTROPHYSICS

Clusters of Galaxies Cosmic Rays and Gamma Ray Astronomy Cosmology and Galaxy Formation

The Intergalactic Medium The Galaxy and the Interstellar Medium

X-Ray Astronomy and X-Ray Astronomical

Signal Processing in Astronomy

LIGHT AND MATTER PHYSICS

Interaction of Single Atoms and Single **Fundamental Tests of Quantum Mechanics** Degenerate Bose and Fermi gases Intense Laser–Matter Interactions

Trapping and Cooling of Atoms, lons and Quantum Optics and Cavity QED Cryptography Quantum Information, Computation and Nonlinear Optics and Ultrafast Phenomena

Waves in Random Media

RESEARCH

Light-Matter Interaction Non-Equilibrium Dynamics Condensed Matter and Statistical Physics THEORETICAL PHYSICS Classical and Quantum Gravity Topological Quantum Matter

SOFT CONDENSED MATTER

Structure, Dynamics and Phase Behavior

Physics of Biological Systems - Cells to Rheology of Soft Matter and Living Cells

Structure, Topological Defects, etc Liquid Crystals: Phase Transitions Nano-devices for Biosensing

(Please note that PhD vacancies may not be available in some of the areas listed above