

3.2.1.

INSTITUTION HAS CREATED AN ECOSYSTEM FOR INNOVATIONS, INDIAN KNOWLEDGE SYSTEMS (IKS), INCLUDING AWARENESS ABOUT IPR, ESTABLISHMENT OF IPR CELL, INCUBATION CENTRE AND

OTHER INITIATIVES FOR THE CREATION AND TRANSFER OF KNOWLEDGE/TECHNOLOGY AND THE OUTCOMES OF THE SAME ARE EVIDENT

3.2.1. Institution has created an ecosystem for innovations, Indian Knowledge Systems (IKS), including awareness about IPR, establishment of IPR Cell, Incubation Centre and other initiatives for the creation and transfer of knowledge/technology and the outcomes of the same are evident

An ecosystem for innovations has been created by the institution for creation and transfer of knowledge. To uplift and cultivate the spirit of young minds, this institution has created an ideal atmosphere, strong infrastructure, and many resources to help students and faculty reach their full potential in teaching, in research, and in other creative endeavours.

**Promotion of Research:** In accordance with the perspective plan, a defined research policy has been framed. As per the research policy the Institute has well-structured **Research And Guidance Cell** which regularly notifies about proposal calls and encourages the faculty members to procure research projects from different funding agencies, participate and conduct seminars on current advancements in different subjects. Several faculties have received research grants (Net Amount Rs. 37,43,501/- from 2017-2022) and participated in different workshops, seminars. The common research facility, a well-equipped laboratory exclusively dedicated for research, has been set up for research fellows in the institute. For the students, science innovation centre has been set up to motivate and inculcate among the students the sense of scientific culture and innovation bymentoring then for participating in different scientific model and poster competitions and organize online scientific discussion and awareness sessions on relevant scientific issues.

#### Research and Guidance Cell

#### **Introduction:**

Higher education plays an essential role in society by creating new knowledge, transmitting it to students and fostering innovation. Research-based education has lately received increasing interest both among researchers in higher education and in public discussion.

The institution has a well-structured **RESEARCH AND GUIDANCE CELL** which promotes up taking of research among faculty members.

# Composition:

The research and guidance cell of the college includes faculty members of different fraternities with experience of active research and guidance. The cell has the provision of being reconstituted every year as found necessary by the chairman. The following staff members are currently in the charge of this cell:

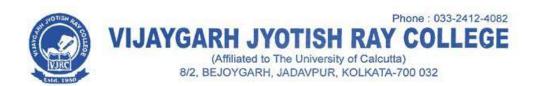
- a) Dr.Rajyasri Neogy (Principal), Chairman
- b) Dr.Shilajit Barua (Convenor)
- c) Dr.Dasarath Mal
- d) Dr.Swarnali Sharma
- e) Dr.Ishita Mukherjee
- f) Mr.Uttam Kr. Mukherjee
- g) Dr.Buddhadeb Adhikary

Members of the cell meets at regular intervals with the agenda of improving infrastructural, instrumental and academic support for research and innovation in the institute. This cell regularly notifies the faculty members about the call for research proposals from various national and state level funding agencies and encourages the faculty members to submit proposals for possible funding. The cell also organizes various workshops, seminars and webinars on current scenario of research and development in different domains. Eminent personalities who have significantly contributed in research, social activities, industries, are invited as resource persons in the webinars, seminars and workshops.

The research and guidance cell also organizes workshops, seminars and webinars on research methodology and intellectual property rights to inculcate ideas of innovation and research among students and faculty members.

The research and guidance cell operates from a well-resourced COMMON RESEARCH FACILITY, an infrastructural and instrumental facility solely dedicated for research in the institution. This is a laboratory wherein several instruments for research in biology and chemistry are available, that are accessed by students, research scholars and faculty members.

# Sample copies of meeting notice and meeting minutes



Ref. No: Date: 3/08/2018

#### **Notice**

A meeting of the Research & Guidance Cell of Vijaygarh Jyotish Ray College will be held on 08/08/2018 Wednesday, at Principal's chamber at Time- 2:30 p.m. Your presence is highly desirable.

#### Agenda

- 1. Fix up activities regarding research and guidance for the upcomming session
- 2. Look up for and notify available proposal calls from various funding agency
- 3. Discuss matters regarding improvement of resource availability for promotion of research
- 4. Miscellenous

Shilajil - Barnar Convenor

Rajyani musy

8/2, BEJOYGARH, JADAVPUR, KOLKATA-700 032

Ref. No: Date: 08/08/2018

# Proceedings of the meeting of the research and guidance cell held on 8.08.2018 at Principal's Office

### Members Present

Talashpriya Halder Soma Majumder UHam Kr. MUKHERTER Dagastath Mal

- 1. It was resolved that the research guidence cell by itself or in collaboration with other departments will be conducting seminars for faculty members, students and research scholars for updating recent advances in different fields of study
- 2. The cell would assist in registration process of the research scholars disseminating information about the research entrance tests conducted by various departments of
- 3. The members of the cell will look after the call for proposals in websites of various funding agencies and would inspire other faculty members to submit proposals for possible funding.
- 4. The cell also decided to carry out discussion with the publication unit of the college to regularize publication of articles written by faculty members and research scholars in book chapters and the multidisciplinary Education, Research and Analysis Journal published by college.

The meeting ended with vote of thanks from the Chairman

Shilajil-Barnar Convenor

Rajyani newsy Chairman

Ref. No: Date: 13/05/2021

## Notice

A meeting of a research and guidance cell of Vijaygarh Jyotish Ray College will be held on 20/05/2021 Monday, in Principal Room at Time- 2.30 p.m. Your presence is highly desirable.

## Agenda: -

- 1. Review of activities of the cell
- 2. Fix up activities regarding research and guidance for the upcomming session
- 3. Improve IT facility of the common research facility
- Communicate with the publication unit regarding publication of research articles.
- 5. Miscellaneous

Shilajil-Barnar

Rajyani musy Chairman

Phone: 033-2412-4082



# VIJAYGARH JYOTISH RAY COLLEGE

(Affiliated to The University of Calcutta) 8/2, BEJOYGARH, JADAVPUR, KOLKATA-700 032

Ref. No: Date: 20/05/2021

# Proceedings of the meeting of the research and guidance cell held on 20.05.2021 at Principal's Office

Members Present:

Budáhadev Adhikany

Swamali Shanna UHam Kr. MUKHErice

Isika Mukhujce Dogotath Mal

#### Minutes of the meeting:

- The activity of the Research and Guidance cell for the last academic session was
  reviewed and was found to be satisfactory. The meeting started with expressing
  heartiest congratulations to Dr. Arnab Banerjee, HOD, Department of Journalism and
  Mass Communication as PhD guide and his two scholars for successful completion of
  PhD programme. This cell conducted 5 nos webinars and 2 workshops in collaboration
  with different departments and also co-organizer of a faculty development programme
  on ICT
- Similar to last year, it was resolved that the Research and Guidance cell will be carrying out research promotion by organizing seminars, workshops and similar events.
- The computer and broadband facility of the common research facility was proposed to be improved and the college administration promised to look after the matter within the periphery of its potentiality.
- 4. The cell also decided to carry out discussion with the publication unit of the college to regularize publication of articles written by faculty members and research scholars in book chapters and the multidisciplinary Education, Research and Analysis Journal published by college.

The meeting ended with vote of thanks from the Chairman

Shilajil - Barnar Convenor

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# **Notification of Proposal Call**



# VIJAYGARH JYOTISH RAY COLLEGE

(Affiliated to The University of Calcutta)
8/2, BEJOYGARH, JADAVPUR, KOLKATA-700 032

Ref. No: Date: 03/02/2020

#### Notification from Research and Guidance Cell

Schedule for Proposal Call from Science and Engineering Research Board, Govt. of India

For more details Log on to: http://www.serb.gov.in/home.php

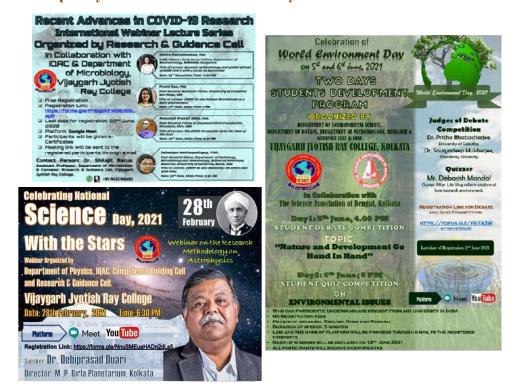
# SCIENCE AND ENGINEERING RESEARCH BOARD

#### SCHEDULE OF CALL FOR PROPOSALS

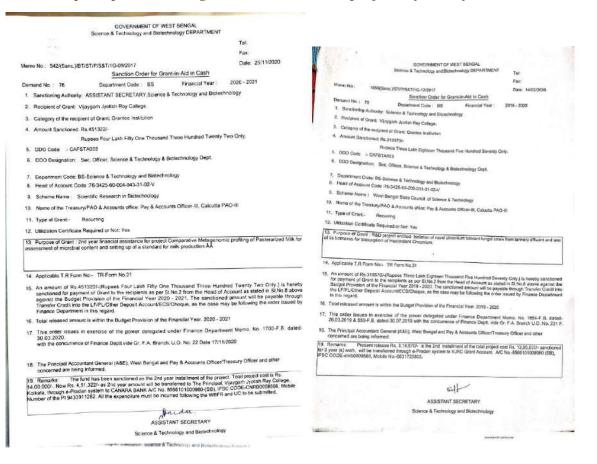
Program/Scheme	Call Opening Date	Call Closing Date
Start-up Research Grant (SRG)	1 February 2020	2 March 2020
Core Research Grant (CRG)	1 February 2020	9 March 2020
Teachers Associateship for Research Excellence (TARE)	10 February 2020	16 March 2020
MATRICS	24 February 2020	23 March 2020
Scientific and Useful Profound Research Advancement (SUPRA)	15 February 2020	1 April 2020
Empowerment and Equity Opportunities for Excellence in Science (EMEQ)	6 March 2020	6 April 2020
National Postdoctoral Fellowship (NPDF)	13 March 2020	13 April 2020
SERB Science and Technology Award for Research (SERB STAR)	15 June 2020	27 July 2020

Shilayil — Barnar Convenor Research and Guidance Cell, Vijaygarh Jyotish Ray College

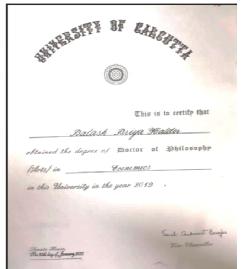
#### Sample Flyers of Seminars Conducted by the Research and Guidance Cell



# Sample copies of funding received for research projects by faculty members



### Sample of evidences for Faculty members registered for PhD, completed PhD and Research guides

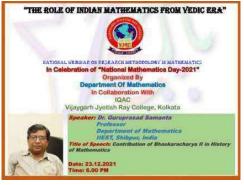






**Propagation of Indian Knowledge System:** IKS is a collective offering of Indian knowledge (Vedic practices to traditional folklore) presented in codified modenot only in Sanskrit, Pali and Prakrit, but also in all native languages of India, that remained unexplored for decades. The institute took initiative for desimination of IKS through organization of Yoga shivirs, Yoga workshops and Yoga certificate courses, organization of seminars and discussion session on traditional knowledge based scientific and philosophical practices. The internet radio station of the college broadcasts programmes on tradition Indian practices in its weekly programmes "Aitijya". Students of the institute were active participants in these programmes and were enriched with the traditional knowledge of rich cultural heritage.

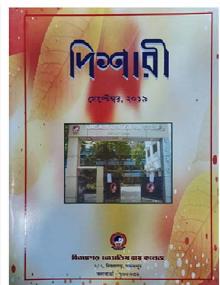
# Sample of programmes conducted by the institution to promote Indian Knowledge System



















Awareness about Intellectual Property Rights: IPR is one of the means of securing intangible assets that are still accessible to the general public and easily replicable by anyone. Ideas about IPR safeguard and encourage the creation and use of new innovations, trademarks, designs, creative works, and other intangible assets that are the basis for new product development, distribution, and service offering. During 2017-2022, IPR related information dissemination amongst students, faculty members and other stakeholders regarding various aspects of IPR was carried out through organization of seminars, workshops and awareness programmes on patenting, plagiarism and IPR. All the programmes and activitities related to IPR was organized under the supervision of a well structured IPR cell established in February 2020.

## Sample Flyer of Webinars and workshops on IPR awareness



Promotion of Innovation and competence building: For inculcating the ability to intuitively generate innovative concepts in different spheres of science and to inspire the college's innovation community, a Science Innovation Centre that foster connections between individuals, ideas, and resources has been established in the institution. This centre had guided students in innovative projects for different model competitions, poster competitions, scientific report writing and also organized different science awareness programmes. A competence building cell is also operational in the institute which organizes various student-centric activities like intra and inters institutional science model competitions, essay and article writing competitions, quiz and debate competitions as well as competence building workshops to trigger the innovative brains of the students.



#### Link for accessing Library facility at college website:



https://sites.google.com/view/vjrclibrary/

**INFLIBNET Subscription** 



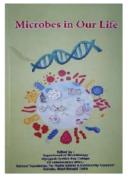
**Development of incubation centre:** For providinga platform for young people and new-age entrepreneurs to turn their creative ideas into workable corporate plans, the institute had set up several cells like competence building cell, placement cell and carrier guidance cell as a part of developing the concept of incubation centre. On a regular basis, student mentorship and career counselling programmes are carried out in collaboration with various professional institutions. Several workshops, seminars and hands on training programmeshas been organized to inculcate the flair of innovation and entrepreneurship amongst students. In addition to their regular curriculum students are offered for several add-on and certificate courses to supplement them with hands on training for inculcating professional skill and escalating self confidence amongst the students.

Sample flyers for entrepreneurship and profession development programmes



# Link of Add-on courses offered in college website: https://sites.google.com/view/certificate-courses-vijaygarh-/home

**Publications:** The institution has a publication cell of its own, which is responsible for publication of annual magazine and edited volumes, wherein articles and creative writings by faculty members and students are published. The Education Research and Analysis Journal published by our institution published research articles written by different faculty members of the institution. Faculty members also published their research finding in several peer reviewed journals which are scopus indexed and included in UGC care list.









Link of publication page in college website: http://erajournal.vjrc.ac.in/index.php

**Information dissemination to society:** The institute sought to find unique ways to reach the society as a whole. Attempt was made to spread knowledge and information not only to its students but also to the larger society. The 2020 COVID pandemic has accelerated such need resulting in establishment of RADIO KOLKATA, an internet radio facility exclusively of the college itself. This radio station organizes educational, entertaining, informative, and culturally enriched programmes. Its sustainable community outreach strategies is the organisation of programmes on values, gender issues, national, international, and local days of importance, social issues, health awareness, agriculture, heritage, science and technology, current affairs, as well as entertainment programmes on music, story, drama, and children's programmes.

