

Research and IPR Cell
RAM LAL ANAND COLLEGE, UNIVERSITY OF DELHI
Annual Report 2019-2020

Research and IPR cell (RnIPR cell) is constituted to promote research activities in the college. Members of the cell are actively involved in the interactions with the faculty members of all the departments to motivate and guide them for project proposal writing to get extra mural funding for research in the college. Continuous efforts of the RnIPR cell resulted in a submission of 28 grant proposals to the University during the last call, submission of 12 letters of intent/full project proposals to ICSSR, DBT, DST, ICMR and other funding agencies. The members of RnIPR cell constantly keep on updating the information about various funding agencies and ministries providing funds to researchers from diverse disciplines on the college website. RnIPR cell also regularly updates the faculty members about the upcoming workshops, seminars, FDPs and conferences in their areas of interest through mails.

In its efforts to further augment the research activities at undergraduate level and enthuse the fellow colleagues not only from our own college but also from other colleges, RnIPR cell conducted two days faculty development program on “Writing Research Proposals and Addressing IPR related Issues” from 29-30 March, 2019. The FDP saw an heartening response from faculty members across different disciplines and colleges. Eminent speakers such as Prof. JS Viridi, Prof. TKV Subramanian, Dr. Sanjeev K Varshney from various disciplines were invited for talks. They provided a deep insight on how to write an effective research proposal. In furtherance to imparting skills on writing research proposals, Dr. Chitra Arvind (Lex IP Care) and Dr Ashutosh Pastor (Program Manager for BIG and Incubation Manager at FITT, Incubation Centre, IIT Delhi) were invited to deliberate upon various forms of intellectual property rights, patents, entrepreneurship, incubation centres and start-ups. The program ended with elaborate interactive sessions on both the days.

In addition a workshop on “Intellectual Property Rights and Entrepreneurship: How to kick start your start-up” was organised on 30 March 2019. The aim of the workshop was to motivate students to come up with start-ups and provide guidance on where and how to get help in starting a start-up. They were also briefed about different schemes of Government of India to promote entrepreneurship among young citizens. About 50 students from different departments attended this workshop with great enthusiasm.





In its efforts to further augment the research activities at undergraduate level and motivate the fellow colleagues and generate some preliminary data to apply for extramural grants, college introduced a new scheme “College Research Grant”. Under the scheme college provide a seed money of Rs. 30,000 to 50,000 to selected proposals. RnIPR cell successfully developed

guidelines for inviting proposals, invited proposals. The committee received 12 project proposals. Screening and evaluation of the proposals was done by the committee and after discussions with the PIs and Co-PIs proposals with overlapping objectives were clubbed. After due deliberations on the revised proposals and discussion with the principal Dr. Rakesh K Gupta and co-investigators, the committee recommended 7 proposals for funding. These projects were sanctioned and are running in the college since 1st January 2020. Final List of Proposals to be funded under College Research Grant, with a total requirement of Rs. 2,95,000/-

S. No	Title	Investigator	Students (if mentioned)	Budget /category
1	Isolation and Screening of Plastic degrading bacteria from soils collected from different landfill sites of Delhi	Dr. Sunila Hooda	Poorvi Saini, Ananya Garewall , Neha Verma,	45,000/A
2	Activity of different kind of biosorbents and biodegraders for primary treatment of waste water produced from laboratories	Dr. Shalini Swami	Mohd. Fardeen Husain, Bhawana Sharma, Himanshu, Saloni Jain	50,000/A
3	Combating Methicillin resistant Staphylococcus aureus (MRSA): A drug repurposing approach	Dr. Vandana Gupta	Anurag Singh, Simran Preet Kaur, Himanshu, Bhawna Sharma, Pritika Baranwal	50,000/A
4	Screening of in vitro antimicrobial activity of Indian Plants against ESKAPE Pathogens	Dr. Nidhi S Chandra	Pragya (3rd year) Priya Bhatia (2nd year) Abhilash and D. Anvitha (1 st year)	50,000/A
5	Study of dropout rate among undergraduate students (UG) coming from marginal social groups: A case study of Delhi University (selected colleges)	Mr. Pratik Kumar (PI), Mr. Vikas Kumar, Mr. Vinay Kumar Yadav	Tripurari Kashyap, Nikhil, Jayant Singh Raghav, satyendra Pratap	30,000/B
6	An epidemiological study of emotional and physical health of College students in Delhi	Dr. Salome John (PI), Dr. Rita Jain (co-PI)	Sahil Raina, Raajvi Khurana, Siddharth Sharma, Harsh Singhal	30,000/B
7	Awareness among the students for Green campus: a case study of selected colleges in Delhi University	Dr. Arvind (PI), Dr. Parul Lau Gaur	Pratibha yadav, Utkarsh Yadav, Neelam, Aman	30,000/B

RnIPR cell also facilitated approval and forwarding of four proposals submitted under STRIDE scheme of UGC and organised a seminar on IPR



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Coordinator
Research and IPR Cell

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