

**MINUTES OF THE MEETING OF DEPARTMENTAL RESEARCH COMMITTEE HELD ON 15.12.2018 AT 10.30 A.M. IN THE PRESENTATION HALL OF THE DEPARTMENT OF ZOOLOGY**

The following members were present: -

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|--------------------------|-------------------------------|
| 1. Prof. Minakshi Sharma | Chairman                      |
| 2. Prof. Jai Mala Sharma | Subject Expert                |
| 3. Prof. Rachna Gulati   | Subject Expert                |
| 4. Prof. Pushpa Dahiya   | Dean, Faculty of Life Science |
| 5. Prof. Vineeta Shukla  | Member                        |
| 6. Dr. Vinay Malik       | Member                        |

**THE MINUTES OF THE MEETING IS AS UNDER**

The students, who have applied after PhD course work completion in 2018, presented and defended their synopsis as per changes suggested in RAC/DC meeting held on 13.10.2018/05.11.2018. The presentation was critically observed and suggestions were given by the committee. The area of research and considering the expertise available with the faculty of the department or other institute/s and are eligible to act as research supervisors, the DRC recommends as under:

S. No.	Name of students	Supervisor allotted	Title of PhD synopsis	Co-Supervisor allotted, if any	Justification of co-supervisor
1.	Pinki	Dr Vineeta Shukla	Attenuation of stress induced by Phorate in <i>E. fetida</i> using BIOCHAR amendment	--	--
2.	Rekha	Dr Minakshi Sharma	Role of gut microbiota in colorectal cancer and development of sensor for detection of gut metabolite(s)	Dr Anil Kumar, Scientist III, NII, Aruna Asaf Ali Marg , New Delhi	Co-supervisor is suggested due to interdisciplinary nature of the work and to meet the selective objectives of the study due to his expertise i.e. for isolation and identification of Gut Bacteria along with their metabolites, quorum sensing in colorectal cancer.
3.	Jyoti	Dr Minakshi Sharma	Electrochemical sensing of serum acetylcholine using AChENPs/ChONPs immobilized onto PtNPs/GNs Nanocomposite modified PG electrode	Prof Emeritus C.S. Pundir, Deptt of Biochemistry, M D University Rohtak	Having expertise in biosensor technology and nanotechnology with research papers in national & international journals, Dr Pundir will help in Electrochemical Impedance Spectroscopic study of the proposed Nanosensor.
4.	Monika	Dr Sudhir Kumar Kataria	Evaluation of anti diabetic potential of crude seed extract and silver nanoparticles of <i>Balanites aegyptica</i> (Hinghot) on mouse pancreatic and muscle cell lines	--	--
5.	Archana	Dr Ranjana Jaiwal	RNAi approach for the management of a global pest, the whitefly ( <i>Bemisia</i> sp)	Prof. P. K. Jaiwal, UGC-BSR Faculty fellow, Centre for Biotechnology, M. D. University, Rohtak	The proposed cosupervisor is working in the area of plant genetic engineering including plant molecular farming. His long experience and research facilities will be highly beneficial to achieve the targets of the proposed research work within stipulated time.
6.	Preeti	Dr Sudesh Rani	Pathological study of transferrin as a liquid mosquito repellent on histology and development of Albino mice	--	--

*Minakshi Sharma*  
Prof. Minakshi Sharma  
Chairman

*Jai Mala Sharma*  
Prof. Jai Mala Sharma  
Outside Expert

*Rachna Gulati*  
15/12/18  
Prof. Rachna Gulati  
Outside Expert

*Pushpa Dahiya*  
Prof. Pushpa Dahiya  
Dean, Faculty of Life Sciences

*Vineeta Shukla*  
Prof. Vineeta Shukla  
Member

*Vinay Malik*  
Dr. Vinay Malik  
Member