

**MAHARSHI DAYANAND UNIVERSITY, ROHTAK  
DEPARTMENT OF ZOOLOGY**

**MINUTES OF THE MEETING OF PGBOS HELD ON 24.12.2018 AT 11:00 A.M. IN THE OFFICE OF HEAD, DEPARTMENT OF ZOOLOGY**

The following members were present: -

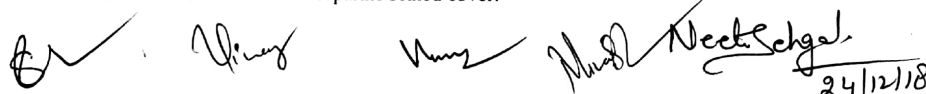
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|----|-----------------------|-------------------------------|
| 1. | Prof. Minakshi Sharma | Chairman                      |
| 2. | Prof. Neeta Sehgal    | Subject Expert                |
| 3. | Prof. Pushpa Dahiya   | Dean, Faculty of Life Science |
| 4. | Prof. Vineeta Shukla  | Member                        |
| 5. | Dr. Vinay Malik       | Member                        |
| 6. | Dr. Sudesh Rani       | Member                        |

The PGBOS discussed on various points and resolved the following-

1. The students, who have applied after PhD course work completion in 2018, presented and defended their synopsis as per changes suggested in DRC meeting held on 15.12.2018. 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 PGBOS recommends as under: -

S. No.	Name of the 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>Eisenia fetida</i> using Biochar amendment	NA	--
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 antidiabetic potential of crude seed extract and silver nanoparticles of <i>Balanites aegyptiaca</i> (Hinghot) on mouse pancreatic and muscle cell lines	NA	--
5.	Archana	Dr Ranjana Jaiwal	RNAi approach for the management of a global pest, the whitefly ( <i>Bemisia tabaci</i> )	Prof. P. K. Jaiwal UGC-BSR-Faculty fellow Centre of Biotechnology M.D. University, Rohtak	Prof. P. K. Jaiwal, co-supervisor is working as UGC-BSR-Faculty fellow at the Centre for Biotechnology, Maharshi Dayanand University, Rohtak. His long experience in the area of plant genetic engineering including plant molecular farming and research facilities of his laboratory at the MDU campus will be highly beneficial to achieve the targets for the proposed research work within the stipulated time. Therefore, the research in joint collaboration/supervision is proposed.
6.	Preeti	Dr Sudesh Rani	Pathological study of transfluthrin on histology of organs and development of Albino rat	NA	--

RESOLVED that the committee recommend the approval of research topic and Co-supervisor of the above said research scholars and recommendations be sent to Academic Branch for consideration of Academic Council under a separate sealed cover.


  
 24/12/18