**Interdepartmental and Inter-institutional collaborative activity – Arti Parganiha, School of Life Sciences, PRSU, Raipur**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| S. No. | **Type of Collaboration** | **Collaboration with** | **Sponsors [Amount]** | **Output** |
|  | **R&D Project**  Title: Study of rest-activity circadian rhythm in cancer patients: An attempt to develop strategies for chronotherapy and QoL – Completed | Regional Cancer Center, Dr. B.R. Ambedkar Memorial Hospital, Raipur | UGC - 2009-2012 [9.15 lac] | Manpower trained: Two  Publication: Taj, S., Choudhary, V. and Parganiha, A. (2013). Temporal profiles of physical activity and energy expenditure in cancer in-patients. Biological Rhythm Research, 44, 219-235. |
|  | **R&D Project**  Title: Salivary alpha-amylase and rest-activity rhythms in patients with breast cancer– On-going | Regional Cancer Center, Dr. B.R. Ambedkar Memorial Hospital, Raipur | CCOST -2014-2017  [5.0 lac] | Manpower trained: One  One publication currently under preparation |
|  | **Conference/ Symposium Organized**  Title:XX National Symposium on Chronobiology | Indian Society for Chronobiology | - | December 27-29, 2008; Attended by 200 delegates, including about 75 foreign delegates |
|  | **Conference/ Symposium Organized**  Title:XXV National Symposium on Chronobiology – *Time in Biology and Medicine* | Indian Society for Chronobiology | - | March 27-29, 2015; Attended by 170 Indian delegates |
|  | **Joint Publications**  Authors: Lévi, F., Dugué, P.-A., Innominato, P., Karaboué, A., Dispersyn, G., Parganiha, A., Giacchetti, S., Moreau, T., Focan, C., Waterhouse, J. and Spiegel, D. on behalf of the [2014] | ARTBC Chronotherapy Group, France | ARTBC | Wrist actimetry circadian rhythm as a robust predictor of colorectal cancer patients survival. Chronobiology International, 31, 891-900. |
|  | **Joint Publications**  Sultan, A., Choudhary, V. and Parganiha, A. (2014). | Regional Cancer Center, Dr. B.R. Ambedkar Memorial Hospital, Raipur | UGC DRS-SAP | Characteristics of circadian rhythms in rest-activity and energy expenditure in cancer in-patients. South Asian Journal of Experimental Biology, 4(6), 327-335. |
|  | **Joint Publications**  Authors: Natale, V., Innominato, P.F., Boreggiani, M., Tonetti, L, Filardi, M., Parganiha, A., Fabbri, M., Martoni, M. and Lévi, F. [2015] | University of Bologna, Bologna, Italy | - | The difference between in bed and out of bed activity as a behavioral marker of cancer patients: a comparative actigraphic study. Chronobiology International, 32, 925-933. |
|  | **Joint Publications**  Authors: Chandel, P., Sultan, A., Khan, K.A., Choudhary, V. and Parganiha, A. [2015] | Regional Cancer Center, Dr. B.R. Ambedkar Memorial Hospital, Raipur | PRSU, Raipur | Validation of the Hindi version of the Multidimensional Fatigue Inventory-20 (MFI-20) in Indian cancer patients. Supportive Care in Cancer, In Press. |
|  | **Joint Publications**  Authors: Senapati, B.K., Parganiha, A., Pati, A.K. and Panigrahi, P.K. [2015] | Sambalpur University, Sambalpur | CCOST, Raipur | Sustainable management of agriculture with low entropy strategy: apropos earthworm. Journal of Ravishankar University, 28, 1-10. |