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| 1. Name | **Dr. Puspendra Saswat Mahapatra**  Self |
| 1. Designation | **Professor** |
| 1. Contact Address | Division of Veterinary Physiology & Biochemistry, FVSc & AH, R S Pura – 181 102, Jammu, J&K.  (House No. 844/05, Nanak Nagar, Jammu- 180 004, J&K) |
| 1. E Mail | drpsmahapatra\_67@yahoo.com, [saswatp27@gmail.com](mailto:saswatp27@gmail.com) |
| 1. Mobile | +91- 9419235624,  +91- 9149793965 |
| 1. Professional Experience | i. Professor: 8 years 11 months  ii. Associate Professor: 6 years 16 days  iii. Assistant Professor: 6 years 9 months  iv. RA/ TA: 8 years 3 months |
| 1. Award/Honours/ Scholarship/Fellowship | 1. S C Sud Memorial **Best Doctoral Thesis Award** by SAPI 2. Best orator award SAPICON 2016 3. University **Gold-Medal** in M. V. Sc. (OUAT, Bhubaneswar) 4. Reviewer of International Journal of Wound Healing 5. Reviewer of Researchgate 6. Reviewer of Indian Journal of Animal Science. 7. Reviewer of Indian Veterinary Journal 8. Acted as co-chairman, rapporteur in sessions of a no of national level symposiums/ conferences & judges in different national & zonal level competitions. 9. Letters of appreciation from Dean, CVSc & AH, CAU, Aizawl and TO, KVK, Phulbani, OUAT, Bhubaneswar.   10. University merit Scholarship during M. V. Sc (1990-92)  11. I.C.A.R Scholarship during B. V. Sc & A.H. (1985-89)  12. Merit Scholarship during High School (1978-83) |
| 1. Area of specialization | Stem Cell Technology |
| 1. Research interest | Stem Cell Technology & Reproductive Physiology |
| 1. Total No. of Publications (referred journals) | Total : **37**  (International Journals: **16** & National Journals: **21)** |
| 1. Selected publications (Best five) | 1. Kant, V.; **Mahapatra, P.S**.; Gupta, V.; Bag. S., Gopalkrisshnan; Kumar, D.; and Kumar D. 2021. Substance P, a Neuropeptide, Promotes Wound Healing via Neurokinin-1 Receptor.***Int. J. Low Extrem Wounds***, doi: 10.1177/15347346211004060 (published 15th April 2021 online  2. **Mahapatra, P.S.,** Singh, R., Kumar, K., Sahoo, N.R., Agarwal, P., Milli, B., Das, K., Sarkar, M., Bhanja, S. K. Das, B.C., Dhara, S.K., Bag, S. 2017. Valproic acid assisted reprogramming of fibroblasts forgeneration ofpluripotent stem cells in buffalo (*Bubalus bubalis*)**. *International Journal of Developmental Biology,* 61:** 81-88.  3. Singh, R., Kumar, K., Kumar, M., Agarwal, P., **Mahapatra,** **P.S.,** Bag, S. 2015. Expression analysis of BAX and GHR genes between parthenogenetic and IVF embryos in caprine. ***Indian Journal of Biotechnology***, **14**: 117 – 119.  4. **Mahapatra, P.S.,** Bag, S. 2014. Reprogramming of buffalo (*Bubalus bubalis*) foetal fibroblasts with avian egg extract for generation of pluripotent stem cells. ***Research in Veterinary Science****,* **96**: 292–298.  5. Agarwal, P., Kumar, M., Kumar, K., Singh, R., **Mahapatra**, P. S., Kumar, A., Bhure, S. K., Malakar, D., Sarkar, M., Bag, S. 2014. Isolation and propagation of neural stem cells in caprine. ***Cell Biology International*, 38**(8): 953-961. |
| 1. Student Advisory | Ph D: **1**  MVSc: **3** |
| 1. Books/manuals/monographs | Book Chapters: **16**; Manuals: **14**  Booklets/ Bulletins: **12**; Scientific article: **2.**  Conference proceeding papers: **28** |
| 1. Seminar/ Workshop/ Conference attended: | **11** |
| 1. Extension trainings associated with: | **9** |
| 1. Research projects as PI/ Nodal Officer | **6** (Intramural Research Projects) |
| 1. Other achievements if any (please specify) | 1. Generation of induced pluripotent stem cells (iPSC) from bFF (Buffalo Fetal Fibroblast) **using mouse derived transcription factors**. 2. Generation of induced pluripotent stem cells (iPSC) from bFF **using avian egg extract**. 3. Enhancement of generation of induced pluripotent stem cells (iPSC) from bFF **using valproic acid**. 4. Popularization of broiler poultry farming **without electricity** as well as substituting feed with **MTLM (Mixed Tree Leaves Meal)**. |