

## Incentivization of Research at MSUB

- One of the most important criteria in ranking (NIRF, SIRF, THE, QS etc) and accreditation (NAAC) process is the research output of the Faculty members of the University.
  - Research output includes publications, research project and patents. The publication by the faculty members should be in Journals indexed in Scopus or web-of-science (clarivate) or in CARE list of Journals.
  - Impact factor of the publications is also an important factor. The more the publications per faculty member better is the score in ranking/rating research criteria.
  - Another important criteria is the funding generated through sponsored research projects and the number of sponsored research projects.
  - Patents also plays an important role in improving the ranking of the University.
- Faculty members from MSU on an average publishes 950 articles (in three years) in journal indexed in Scopus and web-of-science. About 200 Faculty members from the university contributes towards this 950 publications. Number of these papers are in low impact factor journals, which drastically bring down the overall marking in various ranking agencies.
- Keeping this in mind, to improve the research profile of the university and encourage quality research from the university, incentivization of research is necessary.
- This will also encourage faculty members to publish in quality journals with high impact factor and bring in more research projects.

The following incentives are provided to the faculty members who are engaged in active research. This will also encourage more staff members to take up meaning full and significant research.

### Category-1: Incentivizing research publications

#### Monetary Incentives for research publications (Science and Technology)

Sr. No.	Criteria	Incentive
1	Papers published in Scopus/web-of-science indexed journals with impact factor of or above 10	Rs. 10000 per paper
2	Papers published in Scopus/web-of-science indexed journals with impact factor of or above 5 but less than 10	Rs. 5000 per paper
3	Papers published in Scopus/web-of-science indexed journals with impact factor of or above 3 but less than 5	Rs. 3000 per paper
4	Papers published in Scopus/web-of-science indexed journals with impact factor of or above 1 but less than 3	Rs. 2000 per paper
5	Papers published in Scopus/web-of-science indexed journals with impact factor up to 1	Rs. 1500 per paper
6	Full conference proceedings indexed in Scopus, web-of-science	Rs. 500 per proceedings paper
7	Edited book chapters indexed in Scopus	Rs. 2000 per chapter (only one per book)
8	Edited books indexed in Scopus	Rs. 3000 per book

### Monetary Incentives for research publications (Arts and Humanities)

Sr. No.	Criteria	Incentive
1	Papers published in Scopus/web-of-science indexed journals with impact factor of or above 5	Rs. 10000 per paper
2	Papers published in Scopus/web-of-science indexed journals with impact factor of or above 3 but less than 5	Rs. 5000 per paper
3	Papers published in Scopus/web-of-science indexed journals with impact factor of or above 1 but less than 3	Rs. 3000 per paper
4	Papers published in Scopus/web-of-science indexed journals with impact factor up to 1	Rs. 2000 per paper
5	Full conference proceedings indexed in Scopus, web-of-science	Rs. 1000 per proceedings paper
6	Edited book chapters indexed in Scopus	Rs. 2000 per chapter (only one per book)
7	Edited books indexed in Scopus	Rs. 3000 per book

### Incentivizing research projects

- 1) 50% of the overhead charges of research projects to be given to PI. The PI (or group members) can use it for travel (international and domestic) for exchange visits or attending conferences, to pay conference registration fee, per-diem while on travel as well as for publication charges. It may also be used (towards boarding, lodging and travel expenses) for inviting collaborators and subject experts.
- 2) Leaves for exchange visits as well as for visiting collaborator's institution/laboratory.

### Category-2: Monetary incentives for patents/copyrights

#### IPR (Patents, Copyrights etc)

- 1) Encouraging the faculty members in filing patents with the Maharaja Sayajirao University of Baroda as one of the applicant/co-applicant, with the faculty member as the applicant/co-applicant/inventor. University will provide financial and legal aid for filing of patents, copyrights etc.
- 2) University to waive off its share of royalty.
- 3) Each published patent to be rewarded with Rs. 5000 and each granted patent with Rs. 10000.

### Monetary Incentives for Patent and Copyrights

Average number of patents published per year by MSUB researchers is about 10, the number of patents granted is about 5, number of copyrights around 10.

Sr. No.	Criteria	Incentive
1	Published patent	Rs. 5000 per published patent
2	Granted patent	Rs. 10000 per granted patent
3	Granted copyrights	Rs. 3000 per granted copyright

Only those patents filed in the name of MSUB will be rewarded. The inventor of such patents/copyrights will be rewarded.

### Category-3: Filing of patents/copyrights

As MSUB do not fall under the category of small entity of start-up, the following fee structure is applicable to the University.

Sr. No.	Description	Fees (Rs)
1	Initial fee for Application of patent	8000
2	Early publication Fee	12500
3	Request for examination of patent application	20000
4	Professional fee (for patent search, drawing of patent application etc)	40000
Total		Rs. 80500 per application

Also additionally university has to pay Rs. 4000 per year for renewal. Patents will be filed in the name of MSUB with the researcher as the inventor. MSUB will support at least 10 patent applications/copyrights per year from the university.

### Category-4: Budget requirement for supporting outside analysis for MSU Faculty members:

Good quality research often needs a great of proper analysis. Many times MSUB researchers face the problem of non-availability of sophisticated instrument facilities in respective Faculties/Departments and need to depend on analysis from outside agencies. The analysis of materials and samples prepared by MSUB staff members, PhD students or other researchers is essential to improve the quality of results and hence publications. MSUB has instituted a separate grant through the office of RCC for such essential analysis for MSUB researchers.

The proposal for analysis should be made to RCC and permission should be sought from before actual analysis is done. Once the permission is granted from RCC, the staff member may submit

the samples to outside agencies for analysis, and bill/receipt/invoice may be made in the name of Director, Research and Consultancy Cell. The amount can then be reimbursed to the faculty member and not to the outside agency. It is recommended that analysis should be done from government approved or supported institutions such as Sophisticated Instrumentation Centres of IITs or CSIR laboratories or SICART, VV Nagar or National/Central/State run universities/institutes (as example). Any staff member should not exceed limit of Rs. 5,000.00 per year for such analysis, so that more staff members can avail this benefit. Paid analysis done within the university is not be supported under this scheme.