

Jaypee Institute of Information Technology

Sector-62 Campus, Noida-201309

Website: www.jiit.ac.in

Date: 10 July, 2021

Sanction Letter

Project ID: RD ECE-02

Scheme: Institute Research and Development Project Scheme (IRDPS)

Principal Investigator (PI): Dr. Ajay Kumar

Co- PI : Dr. Amit Kumar Goyal

Subject: Financial Sanction of the research project titled “**Modeling, Design and Simulation of sub-10 nm GaN-SOI FinFET for Label Free Bio-sensing and High-performance Analog/RF Applications**” jointly submitted by Dr. Ajay Kumar, Asstt. Prof. (Sr. Grade), Dept. of ECE and Dr Amit Kumar Goyal (Asstt. Prof. (Sr. Gr.), Dept of ECE under IRDPS of the Institute.

1. The sanction is hereby accorded to the above-mentioned project at a total cost of Rs. 70,000 (Rupees Seventy Thousand) only for duration of 24 months. The heads and items of expenditure, for which the total allocation of Rs. 70,000 has been approved, are as given below:

| Sl. No. | Head | Total (in Rs.) |
|---------|---------------------------------|-----------------|
| A | Capital (Non-recurring_ | 0/= |
| B | Recurring | |
| B.1 | Recurring-1: Consumables | 50,000/= |
| | Recurring-2: Travel | 10,000/= |
| | Recurring-2: Contingency | 10,000/= |
| B.2 | Total (Recurring) | 70,000/= |
| C | Total cost of the Project (A+B) | 70,000/= |

2. The expenditure involved is corpus amount to fund the research of the Institute faculty members. This release is being made under IRDPS Research Grant for ECE department.

3. While providing operational flexibility among various subheads under head 'Recurring', PI shall ensure that not more than 60% of the amount under B should be spent on travel and contingency in the first year.
4. The accounts of project shall be maintained by the Finance and Account Department of the Institute.
5. The Finance and Accounts Department will report the utilization of the grant, financial year wise, to the Dean A/R latest by May 1 every year.
6. The project ID shall always be mentioned in all communications arising from the above project with the Institute.

7. Terms & Conditions for the utilization of the sanctioned grant:

- 7.1 The sanctioned grant is to be exclusively spent on the approved heads and items of the project within the stipulated time of 2 (two) years.
- 7.2 a) Any expenditure incurred prior to the issue of the financial sanction/approval order will not be admissible.
b) Any expenditure incurred after the expiry of the sanctioned duration of the project will not be admissible.
- 7.3 PI can't appoint/recruit any personnel including research personnel under the project, for the full/ part duration of the project. However, PI may take the assistance of a teaching assistant and the lab staff of the Institute for the expeditious implementation of the project.
- 7.4 If the work requires more time over the initial period of 2 (two) years to complete the project, PI may request six-month extension (only once) by sending a request to the Dean (A&R) at least 1 (one) month prior to the end of the project duration. The approval of the extension by the competent authority will be subject to valid and complete justification.
- 7.5 PI shall ensure settlement of the account within 3 (three) months from the date of completion of the project.
 - A) PI shall ensure submission of the following documents to the IRDPS Monitoring Committee after the project duration is over:
 - i) Two hard copies and a soft copy of the Project Completion Report (PCR) as per **JIIT/2021/IRDPS/SD/Annexure III** along with the list of publications/patents filed/ likely to be filed.
 - ii) Executive summary of the project with information of the manpower trained, M. Tech. project/ PhD thesis (partially/fully) completed using the results emanating from the project, if any.
 - B) The PI shall ensure submission of the following documents to the Finance and Accounts' Department after the project duration is over:

- i) Duplicate copy of final consolidated statement of all the expenditure year-wise for each financial year (FY) from start date to completion date of the project;
 - ii) Duplicate copy of utilization certificates (UC) as per **JIIT/2021/IRDPS/SD/Annexure IV** for all FYs (year wise), matching with statement of expenditure (SoE) figures in that FY;
 - iii) List of assets acquired through the IRDPS grant.
- 7.6 PI shall maintain a stock register to record the permanent, semi-permanent assets that are acquired solely or mainly out of the capital grants. Head of the department and PI will sign on the entries in the register.
- 7.7 All assets acquired from the grants by the PI will be considered as the Institutional Inventory. The Institute shall have the discretion to allow other investigators from the Institute to utilize the assets for projects, if it is considered appropriate.
- 7.8 The sanctioned equipment(s)/software(s) shall be procured at the earliest to use it at the earliest. PI shall furnish the information of the procured equipment(s)/software(s) that are sanctioned at the earliest. The procurement of the sanctioned item(s) shall meet the time line strictly as proposed in the project.
- 7.9 PI will furnish Technical Progress Report (TPR) and present the progress of the project work at the end of each year to IRDPS monitoring committee. TPR should be submitted in the prescribed format to IRDPS monitoring committee and Dean (A&R).
- 7.10 At the end of each FY and at the time of seeking further installment of grant, the PI has to furnish the following documents strictly as per formats to Dean (A&R)
 - a) Copy of the UC and up to date SoE including expenditure for the previous financial year (in original);
 - b) Latest authenticated SoE including committed expenditure to be done for the next financial year i.e., 1st April to 31st March.
 - c) TPR in the prescribed format.
 - d) List of Assets acquired till that FY.
- 7.11 Any unspent balance of grant of the previous FY will be deemed to be carried forward to the next FY during the currency of the project.
- 7.12 PI is required to compulsorily attend the meetings of monitoring the progress/outcome of the research project, as and when convened by IRDPSC.
- 7.13 PI will not divert the sanctioned grant to any other PI/Research Project of the Institute.
- 7.14 During the execution period of two years of the project, PI/ Co-PI will not resign from the service till the completion of the project. PI and Co-PI will be required to complete the project and submit all the required documents.

- 7.15 The project becomes operative within 30 days from the date of sanction as mentioned in the sanction letter. If the project is not initiated within this stipulated period, the project may be discontinued.
- 7.16 Investigators are reinvigorated to publish technical/ scientific papers in the journals of high repute emanating from their research project results. The PI also has the responsibility of informing the IRDPSC about any papers published from the project implementation even after the completion of the project tenure. A soft copy of the published technical paper should be sent to the IRDPSC.
- 7.17 Investigators are required to submit extended project proposal to external agencies for further grant just after completion of the project.
- 7.18 PI must also acknowledge the support provided by the Institute in the form of sanctioned grant in all publication(s), patent(s) and any other output(s) emanating out of the project funded by the Institute. Such outcomes are to be reported in the ERD/ news letter of the concerned department(s).
- 7.19 PI shall ensure that the results of the research work that requires legal protection shall not be published unless action is taken to secure legal protection for the research results.
- 7.20 The T&C may change on the recommendation and suggestions of IRDPS Committee (IRDPS).



Dean (A&R)

Copy forwarded for information and necessary action to:

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| 1. | Pro-Chancellor |
| 2. | Vice- Chancellor |
| 3 | Registrar |
| 4 | IRDPS Coordinator (Dr. Tribhuwan Tewari) |
| 5 | CFO |
| 6 | Folder of RDP Scheme Sanctions |
| 7. | PI and Co-PI |