

ASSESEMENT /EVALUATION REPORT

Under University Grant Commission, MRP

Bahadur Shah Zafar Marg, New Delhi

A: DETAILS OF PROJECT

1.	UGC Reference No. & Date	MRP-MAJOR-CHEM-2013-11799(SC) & 01-07-2015
2.	Name of the Principal Investigator	Dr. C. Sivasankar
3.	Address with e-mail & mobile No.	Office: Dr. C. Sivasankar, Professor, Dept. of Chemistry, Pondicherry University, RV. Nagar-Kalapet Pondicherry-605014.
4.	Department and University/College where the project has undertaken	Chemistry & Pondicherry University
5.	Title of the project	"Electronically and structurally tuned synthesis and biological studies of metal based CO releasing molecules (CORMS)"
6.	Date of Implementation	01-07-2015
7.	Tenure of the project	<u>3</u> Years, from <u>01-07-2015</u> to <u>30-06-2018</u>
8.	Name of the Project fellow & date of appointment	P.Kuzhalmozhimadarasi & 03.12.2015
9.	Grant Received	Total allocation (Rs): 11,79,600 1 st instalment (Rs): 7,31,600 2 nd instalment (Rs): 2,42,268
10.	Project Status	Completed



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B: EVALUATION REPORT OF EXPERT MEMBERS

1.	Name of the Principal Investigator:	Dr. C. Sivasankar
2.	Designation:	Professor
3.	Address of Principal investigator:	Dept. of Chemistry, Pondicherry University, RV. Nagar-Kalapet Pondicherry-605014.
4.	Whether work is focused on the title of sanctioned project:	YES
5.	Whether original work is done:	YES
6.	Whether significant contribution made by Principal investigator:	YES
7.	Whether proposed work have relevance to the society/scientific community:	YES
8.	What type of contribution found in the final report: Theoretical/practical (If there are theoretical contributions given by the principal investigator)	Both Experimental and Theroretical
9.	Whether theoretical contributions and their results and findings are published:	Yes
10.	Whether results and findings are significant:	Yes Very significant.
11.	Whether the significant publications are made by principal investigators in peer reviewed journals:	Yes




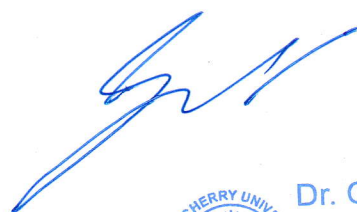
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12.	The number of publications made by principal investigator in standard reputed journal :	TWO in the reputed journals & THREE Manuscripts are under preperation
13.	Whether contributions made by principal investigator is sufficient:	Yes Sufficient
14.	The findings and results of the sanction projects are justifiable:	Yes
15.	Whether completed project work meet the proposed objectives:	Yes
16.	Give your brief comments on the overall work of the project:	The project investigated the usefulness of handfull number of designed novel Manganese complexes containing COs as potential photo CO releasing molecules. The project done as a wholesome approach encompassing design, synthesis, spectroscopic characterization & assays, fluorescence imaging and QM calcaultons of metal complexes from group VI. The elucidation of mechanisms based on the theoritical calculations, in line with the experimental results is intuitive and mentionable. The PI envisaged the project in a overall perspective, which yielded significant results and impressive output. This project outcome significantly adding new knowledge to this field.
17.	Any specific comments:	It would have been added value for the project, if the <i>in vitro</i> assay done for the synthesized photo CO releasing molecules.




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18.	<p>Indicate your overall assessment of the project : poor/Good/Excellent</p> <p>Date:</p> <p>Place:</p> <p>Name:</p> <p>Signature:</p> <p>Address of expert:</p>	<p>Excellent</p> <p>26-11-2018</p> <p>Madurai</p> <p>Dr. K. Muruga Poopathi Raja</p>  <p>DR. K. MURUGA POOPATHI RAJA ASSISTANT PROFESSOR DEPARTMENT OF PHYSICAL CHEMISTRY SCHOOL OF CHEMISTRY MADURAI KAMARAJ UNIVERSITY MADURAI-625 021. INDIA</p>
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P. Sivasankar
11/12/18
Registrar
Pondicherry University