



CENTRE FOR INDUSTRIAL CONSULTANCY & SPONSORED RESEARCH (IC&SR)  
INDIAN INSTITUTE OF TECHNOLOGY MADRAS  
CHENNAI 600 036



No.F.ICSR/PA-5/CHE-153/2018

Speed Post  
26/06/2018

To  
Dr. Ramesh Vijayan  
Scientist-C  
Science and Engineering Research Board  
5 & 5A, Lower Ground Floor,  
Vasant Square Mall, Plot.No-A  
Community Centre, Sector - 5  
Pocket-5, Vasant Kunj  
New Delhi - 110 070

Sir,

**Sub: Audited Utilization Certificate - Reg.**

\*\*\*\*\*

Please find enclosed herewith an **Audited** Utilization Certificate and Statement of Expenditure for the year **2017-2018** for the following project.

Sanction No. & Date	Project Title
ECR/2017/000488 Dt: 10/05/2017	"Effective cracking of endothermic..."

Thanking you,

Yours faithfully,

Joint Registrar (IC&SR)

संयुक्त कुलसचिव (आई.सी. एवं एस.आर.)  
JOINT REGISTRAR (IC & SR)

आई.आई.टी. मद्रास, चेन्नै-६०००३६  
I.I.T. Madras, Chennai - 600 036

Encl: As above

Cc:  
Dr. Vinu R


**AUDITED**  
**UTILISATION CERTIFICATE (TWO COPIES)**  
**(FOR THE FINANCIAL YEAR 2017-2018)** ✕  
**PERIOD ENDING 31/03/2018** ✕

1.	Title of the Project/Scheme	:	"Effective Cracking of Endothermic...."	✕
2.	Name of the Organization	:	IIT, MADRAS, Chennai-36	✓
3.	Principal Investigator	:	DR.VINU R	✓
4.	Dept. of Science & Technology letter No.& Date Sanction. the project	:	ECR/2017/000488; 10/05/2017	✕
5.	Head of account as given in the original Sanctionorder:			
6.	Amount brought forward from the previous financial year quoting DST letter no. & date in which the Authority to carry forward the said amount was given	:	i) Amount ii) Letter No. iii) Date	0.00
7.	Amount received during the financial year (please give no & date of DST and sanction letter for the amount)	:	i) Amount ii) Letter No. iii) Date	717970.00
8.	Interest Earned	:	Rs.	11623.00
9.	Total amount that was available for expenditure(Excluding Commitments)during the financial year (Sl.No.6 + 7+8)	:	Rs.	729593.00
10.	Actual expenditure (Excluding commitments ) incurred during the financial year (upto 31 <sup>st</sup> March)	:	Rs.	302071.00
11.	Balance amount available at the end of the financial year	:	Rs.	427522.00
12.	Unspent balance refunded if any (please give details of cheque of cheque No etc.,)	:	Rs. DD No: Date :	0.00
13.	Amount to be carried forward to the next financial year (if applicable)	:	Rs.	427522.00




**UTILISATION CERTIFICATE**

Certified that out of Rs.717970.00 of grant-in-aid sanctioned during the year 2017-2018 and Interest Earned Rs. 11623.00 in favour of The Registrar, IIT, Madras-36 under this Ministry/Dept. a letter No. ECR/2017/000488; 10/05/2017 and Rs. 0.00 on account of unspent balance of the previous year, a sum of Rs.302071.00 has been utilized for the purpose of "Effective Cracking of Endothermic...." for which it was sanctioned and that the balance of 427522.00\*\* remaining balance may be carried forward to the next financial year 2018-2019 .

*12.72*  
  
 Signature of Principal Investigator  
 with date  
*12.7.18*

  
 Signature of Registrar Accounts Officer  
 with date  
 उप कुलसचिव (आंतरिक लेखा-परीक्षा)  
 DEPUTY REGISTRAR (IC & SR)  
 आईआईटी मद्रास, चेन्नै  
 I.I.T. MADRAS, CHENNAI - 600 036.

  
 Signature of Head of the Institute  
 with date  
 कुलसचिव / REGISTRAR  
 आईआईटी मद्रास / I.I.T. MADRAS  
 चेन्नै / CHENNAI - 600 036

  
 Audited  
 with date  
 उप कुलसचिव (आंतरिक लेखा-परीक्षा)  
 Deputy Registrar (Internal Audit)  
 भारतीय प्रौद्योगिकी संस्थान मद्रास  
 Indian Institute of Technology Madras  
 चेन्नै / Chennai 600 036

(TO BE FILLED IN BY DST)

2. Certified that I have satisfied myself that the conditions on which the grant-in-aid was sanctioned have been duly fulfilled / are being fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of checks exercised

1. As per rule 212(1) of the G.F.R. the specified quantified targets of the project have been achieved and checked.
2. The output based performance has been checked

Signature :  
 Designation :  
 Date :

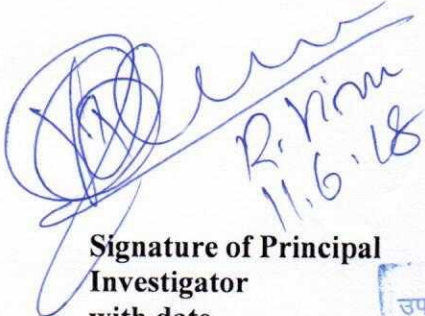
**AUDITED**  
**UTILISATION CERTIFICATE (TWO COPIES)**  
**(FOR THE FINANCIAL YEAR 2017-2018)**  
**PERIOD ENDING 31/03/2018**

1.	Title of the Project/Scheme	:	"Effective Cracking of Endothermic...."	
2.	Name of the Organization	:	IIT, MADRAS, Chennai-36	
3.	Principal Investigator	:	DR.VINU R	
4.	Dept. of Science & Technology letter No.& Date Sanction. the project	:	ECR/2017/000488; 10/05/2017	
5.	Head of account as given in the original Sanctionorder:			
6.	Amount brought forward from the previous financial year quoting DST letter no. & date in which the Authority to carry forward the said amount was given	:	i) Amount ii) Letter No. iii) Date	0.00
7.	Amount received during the financial year (please give no & date of DST and sanction letter for the amount)	:	i) Amount ii) Letter No. iii) Date	2443180.00
8.	Interest Earned	:	Rs.	39550.00
9.	Total amount that was available for expenditure(Excluding Commitments)during the financial year (Sl.No.6 + 7+8)	:	Rs.	2482730.00
10.	Actual expenditure (Excluding commitments ) incurred during the financial year (upto 31 <sup>st</sup> March)	:	Rs.	2583625.00
11.	Balance amount available at the end of the financial year	:	Rs.	-100895.00
12.	Unspent balance refunded if any (please give details of cheque of cheque No etc.,)	:	Rs. DD No: Date :	0.00
13.	Amount to be carried forward to the next financial year (if applicable)	:	Rs.	-100895.00

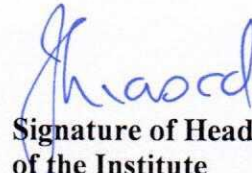


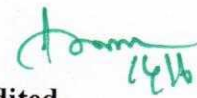
## UTILISATION CERTIFICATE

Certified that out of Rs.2443180.00 of grant-in-aid sanctioned during the year 2017-2018 and Interest Earned Rs. 39550.00 in favour of The Registrar, IIT, Madras-36 under this Ministry/Dept. a letter No. ECR/2017/000488; 10/05/2017 and Rs. 0.00 on account of unspent balance of the previous year, a sum of Rs.2583625.00 has been utilized for the purpose of "Effective Cracking of Endothermic...." for which it was sanctioned and that the balance of -100895.00\*\* remaining balance may be carried forward to the next financial year 2018-2019 .

  
Signature of Principal Investigator with date  
11.6.18

  
Signature of Registrar Accounts Officer with date  
उप कुलसचिव (आइ.सी.एस.आर.)  
DEPUTY REGISTRAR (IC & SR)  
आई.आई.टी. मद्रास, चेन्नै  
I.I.T. MADRAS, CHENNAI - 600 036.

  
Signature of Head of the Institute with date  
कुलसचिव / REGISTRAR  
आईआईटी मद्रास / I.I.T. MADRAS  
चेन्नै/CHENNAI - 600 036

  
Audited with date  
उप कुलसचिव (आंतरिक लेखा-परीक्षा)  
Deputy Registrar (Internal Audit)  
भारतीय प्रौद्योगिकी संस्थान मद्रास  
Indian Institute of Technology Madras  
चेन्नै / Chennai 600 036  
24/6

(TO BE FILLED IN BY DST)

2. Certified that I have satisfied myself that the conditions on which the grant-in-aid was sanctioned have been duly fulfilled / are being fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of checks exercised

1. As per rule 212(1) of the G.F.R. the specified quantified targets of the project have been achieved and checked.
2. The output based performance has been checked

Signature :  
Designation :  
Date

## REQUEST FOR ANNUAL INSTALMENT WITH UP-TO-DATE STATEMENT OF EXPENDITURE

- 1 SERB Sanctioned Order No & Date : ECR/2017/000488; 10/05/2017 ✓  
2 Name of the PI : DR.VINU R ✓  
3 Total Project Cost : Rs4597090 ✓  
4 Revised Project Cost : NIL  
(if any)  
5 Date of Commencement : 10/05/2017 ✓  
6 Statement of Expenditure  
(Month wise expenditure incurred during current financial year)

Month & Year	Expenditure incurred/Committed
2017-2018	2885696
	2885696

### 1 Grant received in each year

- a 1st year : 3161150.00 ✓  
b 2nd year : 0.00  
c 3rd year : 0.00  
d Interest, if any : 51173.00  
e Total(a+b+c+d) : 3212323.00

Expenditure Statement Encl.

Cont...2



# STATEMENT OF EXPENDITURE

(to be submitted financial yearwise ie. say 10/05/2017 to 31/03/2018) ✓

SI No (I)	Sanctioned Heads (II)	Total funds allocated (indicate sanctioned or revised) (III)	1st year (10/05/2017 to 31/03/2018) (IV)	2nd Year (V)	3rd Year (VI)	4th Year (VII)	Total Expenditure till 28/02/2018(VII =IV+V+VI)	Balance as on date	Balance Commitme nt	Remarks (Balance as on 28/02/2018 including Requireme nt of funds)
(I)	(II)	(III)	(IV)	(V)	(VI)	(VII)	(VII)			
1	Manpower Costs	718000.00	0.00	0.00	0.00	0.00	0.00		0.00	
2	Consumables	718000.00	75457.00	0.00	0.00	0.00	75457.00		75992.00	
3	Travel	150000.00	0.00	0.00	0.00	0.00	0.00		0.00	
4	Contingencies	150000.00	0.00	0.00	0.00	0.00	0.00		0.00	
5	Others, if any	0.00	0.00	0.00	0.00	0.00	0.00		0.00	
6	Equipment	2443180.00	2583625.00	0.00	0.00	0.00	2583625.00		251557.00	
8	Overhead expenses	417910.00	226614.00	0.00	0.00	0.00	226614.00		65410.00	
9	<b>Total</b>	<b>4597090.00</b>	<b>2885696.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>2885696.00</b>	<b>326627.00</b>	<b>392959.00</b>	<b>-66332.00</b>

Name & Signature

Principal Investigator :

Date:

Signature of Finance Officer

Date:

DEPUTY REGISTRAR (IC & SR)

आई.आई.टी. मद्रास, चेन्नै

I.I.T. MADRAS, CHENNAI - 600 036.

Signature of Internal Audit

Date:

\*DOS- Date of Start of Project

Note:

- Expenditure under the sanctioned heads, at any point of time, should not exceed funds allocated under that head, without, prior approval of SERB i.e. Figures in Column (VIII) should not exceed corresponding figures in column (III)
- Utilization Certificate (Annexure III) for each financial year ending 31 st March has to be enclosed along with request for carry-forward permission to the next financial year.

3/3 Deputy Registrar (Internal Audit)  
भारतीय प्रौद्योगिकी संस्थान मद्रास  
Indian Institute of Technology Madras  
चेन्नै / Chennai 600 036