



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-758/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Ajit Kumar Mahapatro, Deptt. of Physics, University of Delhi Delhi
2.	Title of the project	The Electronic transport through organic nanostructured thin films
3.	Total Allocation	9,44,000/-
4.	Grant Released	8,24,000/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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No change

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments (If incase not satisfactory, please
indicate 3 reasons)

1. The program is satisfactory ✓
2. He has promised to publish his results in journal like
3. Nature etc.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	X
1. SANKAR PRASAD DAS	Sankar Das	2.Progress Report	✓
1. M. R. ANANTHARAMAN	A/R	3.Statement of expenditure	X
2.		4.Utilization Certificate	X
		5. Mandate form	X



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UNIVERSITY GRANTS COMMISSION
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SUBJECT: Physics

Dated: 12.01.2015

File No. 42-759/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Ravi Sharma Deptt. of Physics, Arts & Commerce Girls Mahavidyalaya Devendra Nagar, Raipur
2.	Title of the project	Mechanoluminescence studies of ultraviolet irradiated rare earth doped strantium alininate nanophosphors
3.	Total Allocation	10,28,000/-
4.	Grant Released	9,08,000/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments (If incase not satisfactory, please indicate 3 reasons)

Satisfactory.

1.
2.
3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	NA <i>NDIVE</i>
1. PROF. K.T.R. REDDY	<i>K.T.R. Reddy</i>	2.Progress Report	<input checked="" type="checkbox"/>
2. PROF PUNIT KANE	<i>Punit Kane</i>	3.Statement of expenditure	<input checked="" type="checkbox"/>
3.		4.Utilization Certificate	<input checked="" type="checkbox"/>
		5. Mandate form	<input checked="" type="checkbox"/>



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SUBJECT: Physics

Dated: 12.01.2015

File No. 42-760/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. K.P. Santhosh Deptt. of Physics, Kannur University Kannur
2.	Title of the project	theoretical studies on ternary fission
3.	Total Allocation	8,21,800/-
4.	Grant Released	5,05,300/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

N I L

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

Not Required

3. Comments(If incase not satisfactory, please
indicate 3 reasons)

Very Satisfactory.

1.
2.
3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	Yes
1. ASHOK K Nagawat		2.Progress Report	Yes
2. PRADEEP B		3.Statement of expenditure	YES
3.		4.Utilization Certificate	YES
		5. Mandate form	No



ज्ञान- विज्ञान विमुक्तये
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SUBJECT: Physics

Dated: 12.01.2015

File No. 42-761/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. S.S. Bhoga Deptt. of Physics, RTM Nagpur University Nagpur
2.	Title of the project	Development of mixed - electronic - ionic conducting (MIEC) oxide materials as cathode for intermediate temperature solid oxide fuel cell (ITSOFT) application
3.	Total Allocation	11,13,800/-
4.	Grant Released	8,34,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorary/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please indicate 3 reasons)

satisfactory, published paper

1.
2.
3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	<input checked="" type="checkbox"/>
1. PROF. K. T. R. REDDY	<i>K. T. R. Reddy</i>	2.Progress Report	<input checked="" type="checkbox"/>
2. PROF. SUMIT KANTH	<i>Sumit Kanth</i>	3.Statement of expenditure	<input checked="" type="checkbox"/>
3.		4.Utilization Certificate	<input checked="" type="checkbox"/>
		5. Mandate form	<input checked="" type="checkbox"/>



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File No. 42-762/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Anil Kumar Deptt. of Physics, J.C. D.A.V. College Dasuya, Hoshiarpur
2.	Title of the project	Information entropy of a class of potentials
3.	Total Allocation	8,56,800/-
4.	Grant Released	4,97,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please
indicate 3 reasons)

Satisfactory, Published one paper

1.
2.
3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. PROF K.T.R. REDDY	K. T. R. Reddy	2. Progress Report	✓
2. PROF JUNIT KARR	Junit Kar	3. Statement of expenditure	✓
3.		4. Utilization Certificate	✓
		5. Mandate form	✓



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TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Jayanta Barman Deptt. of Physics, A.D.P. Colleg NOWGONG, Nagaon
2.	Title of the project	Synthesis and characterization of semiconductor quantum dots and magnetic nanoparticle and investigate their optical properties for application in device
3.	Total Allocation	6,90,500/-
4.	Grant Released	5,65,500/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

- NIL

3. Comments(If incase not satisfactory, please
indicate 3 reasons)

Satisfactory

1.	
2.	
3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	not applicable
1. Prof. C.D. Letchar		2.Progress Report	yes
2. Prof. R.R. Yadav		3.Statement of expenditure	✓
3.		4.Utilization Certificate	✓
		5. Mandate form	✓



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SUBJECT: Physics

Dated: 12.01.2015

File No. 42-764/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Anita Rani Deptt. of Physics, Kurukshetra University Kurukshetra
2.	Title of the project	Synthesis and characterization of metallic and semiconducting one dimensional nano- structures
3.	Total Allocation	5,94,000/-
4.	Grant Released	5,04,000/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

NIL

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

NIL

3. Comments(If incase not satisfactory, please
indicate 3 reasons)

Satisfactory.

1.
2.
3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	<u>Not alloted</u>
1. R. S. TIWARI	<u>R. S. Tiwari</u>	2. Progress Report	<u>OK</u>
2. B. S. Bajwa	<u>B. S. Bajwa</u>	3. Statement of expenditure	<u>OK</u>
3. SANJAY PANT	<u>Sanjay Pant</u>	4. Utilization Certificate	<u>OK</u>
		5. Mandate form	<u>OK</u>



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SUBJECT: Physics

Dated: 12.01.2015

File No. 42-765/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Sunil Panwar Deptt. of Physics, Gurukula Kangri Vishwavidyalaya Haridwar
2.	Title of the project	Theoretical study of Rare earth Manganites doped with Alkaline Earths namely $Re-x AxMnO_3$ (Where $Re = La, Nd$ etc and $A = Ca, Sr, Ba$ etc.) Exhibiting colossal magnetoresistance phenomena
3.	Total Allocation	8,11,800/-
4.	Grant Released	4,95,300/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please indicate 3 reasons)

Published one paper, Satisfactory

1.
2.
3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	<input checked="" type="checkbox"/>
1. Prof. K. T. R. Reddy	K. T. R. Reddy	2. Progress Report	<input checked="" type="checkbox"/>
2. Prof. Sunil Panwar	Sunil Panwar	3. Statement of expenditure	<input checked="" type="checkbox"/>
3.		4. Utilization Certificate	<input checked="" type="checkbox"/>
		5. Mandate form	<input checked="" type="checkbox"/>



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NEW DELHI-110002

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SUBJECT: Physics

Dated: 12.01.2015

File No. 42-766/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Susmita Kar Deptt. of Physics, North Orissa University Baripada
2.	Title of the project	Weak and rare decays for Be mesons in a relativistic independent quark model
3.	Total Allocation	8,83,800/-
4.	Grant Released	5,64,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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Nil

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

N/A

3. Comments(If incase not satisfactory, please
indicate 3 reasons)

1.	Progress satisfactory.
2.	
3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. M. R. ANANTHARAMAN	AK	2. Progress Report	✓
2. S. P. DAS	Sahadev Das	3. Statement of expenditure	✓
3.		4. Utilization Certificate	✓
		5. Mandate form	X



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SUBJECT: Physics

Dated: 12.01.2015

File No. 42-767/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. S. Kumara Raman Deptt. of Physics, Nehru Memorial College Puthanampatti
2.	Title of the project	Growth, nucleation kinetics and characterisation of <u>amino</u> acid based semiorganic and bimetallic NLO crystals for electro optic applications
3.	Total Allocation	11,74,800/-
4.	Grant Released	7,75,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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NIL

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

NIL

3. Comments(If incase not satisfactory, please indicate 3 reasons)

1. Progress Satisfactory -
- 2.
- 3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. SANKAR PRASAD DAS	Sankar Das	2.Progress Report	✓
2. M. R. ANANTHARAMAN	M. R. Anantharaman	3.Statement of expenditure	✓
3.		4.Utilization Certificate	✓
		5. Mandate form	✓



ज्ञान- विज्ञान विमुक्तये
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NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-768/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Khurshed Ahmad Shah Deptt. of Physics, Govt. Degree College for Women Anantnag, Kashmir
2.	Title of the project	Development of Carbon Nanotube devices and their-futuristic applications
3.	Total Allocation	11,95,800/-
4.	Grant Released	8,91,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	✓
7.	Annual Report	✓

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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Not at this time

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please indicate 3 reasons)

Satisfactory N.A

1.	
2.	
3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	_____
1. SANKAR PRASAD DAS	<i>Sankar Das</i>	2.Progress Report	_____
2. M.R. ANANTHARAMAN	<i>M.R. Anantharaman</i>	3.Statement of expenditure	_____
3.		4.Utilization Certificate	_____
		5. Mandate form	_____



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

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SUBJECT: Physics

Dated: 12.01.2015

File No. 42-769/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Sanat Karmakar Deptt. of Physics, Jadavpur University Kolkata
2.	Title of the project	Preparation of unilamellar vesicles and study their interaction with ions: A bio-mimetic system
3.	Total Allocation	11,58,800/-
4.	Grant Released	7,44,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please indicate 3 reasons)

Satisfactory

- 1.
- 2.
- 3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. Prof KIR REEDY	K. R. Reed	2.Progress Report	✓
2. Prof PUNIT KAUR	Punit Kaur	3.Statement of expenditure	✓
3.		4.Utilization Certificate	✓
		5. Mandate form	✓



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
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NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-770/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Sonik Bhatia Deptt. of Physics, Kanya Mahavidyalaya Jalandhar
2.	Title of the project	Nano structured molecular sensors- based upon doped/Undoped zinc oxide films prepared by different techniques
3.	Total Allocation	10,93,800/-
4.	Grant Released	7,17,300/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please
indicate 3 reasons)

one paper is published, Satisfactory

1.	
2.	
3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. Prof K. T. R. Reddy	K. T. R. Reddy	2. Progress Report	✓
2. Prof JUNIT KAVR	Prof JUNIT KAVR	3. Statement of expenditure	✓
3.		4. Utilization Certificate	✓
		5. Mandate form	✓



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ज्ञान- विज्ञान विमुक्तये
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SUBJECT: Physics

Dated: 12.01.2015

File No. 42-771/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Nisarg K. Bhatt Deptt. of Physics, Sardar Patel University Vallabh Vidyanagar
2.	Title of the project	Vibrational response and phase transition in Certain non-simple metals and alloys covering wide range of densities
3.	Total Allocation	9,76,800/-
4.	Grant Released	6,82,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in exceptional circumstances)

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments (If incase not satisfactory, please indicate 3 reasons)

Satisfactory

1.
2.
3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	<input checked="" type="checkbox"/>
1. PROF. K. T. R. REDDY	<i>K. T. R. Reddy</i>	2. Progress Report	<input checked="" type="checkbox"/>
2. PROF. PUNIT KAUER	<i>Punit Kaur</i>	3. Statement of expenditure	<input checked="" type="checkbox"/>
3.		4. Utilization Certificate	<input checked="" type="checkbox"/>
		5. Mandate form	<input checked="" type="checkbox"/>



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ज्ञान- विज्ञान विमुक्तये
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SUBJECT: Physics

Dated: 12.01.2015

File No. 42-772/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Sukhen Das Deptt. of Physics, Jadavpur University Kolkata
2.	Title of the project	Development of eco friendly high density nanocrystalline mullite rich ceramic pigment/filler form low cost ceramic material/Flyash
3.	Total Allocation	11,45,800/-
4.	Grant Released	8,06,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please
indicate 3 reasons)

Published one paper, Satisfactory.

1.	
2.	
3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	<input checked="" type="checkbox"/>
1. PROF. K.T.R. REDDY	<i>K.T.R. Reddy</i>	2.Progress Report	<input checked="" type="checkbox"/>
2. PROF. PUNIT KAPUR	<i>Punit Kapur</i>	3.Statement of expenditure	<input checked="" type="checkbox"/>
3.		4.Utilization Certificate	<input checked="" type="checkbox"/>
		5. Mandate form	<input checked="" type="checkbox"/>



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NEW DELHI-110002

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SUBJECT: Physics

Dated: 12.01.2015

File No. 42-773/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Anchal Srivastava Deptt. of Physics, University of Lucknow Lucknow
2.	Title of the project	Thermal optical and photoluminescence studies on nanostructured SeTe chalcogenides with metal additives
3.	Total Allocation	11,15,000/-
4.	Grant Released	10,30,000/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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Rs 56,000/- may be granted - AH?

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

Rs 56,000/- may be re-appropriated from other heads to enable her to purchase DSC which costs 9.6 lakhs

3. Comments(If incase not satisfactory, please indicate 3 reasons)

and she has only Rs 900000/-
NA

1. Satisfactory -

2.

3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	/
1. M. R. ANANTHARAMAN	AH	2.Progress Report	/
2. SANKAR PERIYAR DAS	Sankar Das	3.Statement of expenditure	/
3.		4.Utilization Certificate	/
		5. Mandate form	X



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

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SUBJECT: Physics

Dated: 12.01.2015

File No. 42-774/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Jayakumari Isac Deptt. of Physics, C.M.S. College Kottayam
2.	Title of the project	Synthesis of nano crystalline new ceramic polymer composite
3.	Total Allocation	7,76,800/-
4.	Grant Released	4,22,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

✓					
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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorary/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please
indicate 3 reasons)

Satisfactory

1.	
2.	
3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. PROF. K. T. R. REDDY	K. T. R. Reddy	2. Progress Report	
2. PROF. PUNIT K. R. R.		3. Statement of expenditure	✓
3.		4. Utilization Certificate	✓
		5. Mandate form	✓



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

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SUBJECT: Physics

Dated: 12.01.2015

File No. 42-775/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Pandya Jignesh Narendrakumar Deptt. of Physics, MS University of Baroda Vadodara
2.	Title of the project	Study of decay properties of hadrons
3.	Total Allocation	9,83,800/-
4.	Grant Released	6,94,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please
indicate 3 reasons)

Published work, Satisfactory.

1.	
2.	
3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. Prof. K. T. R. REDDY	K. T. R. Reddy	2. Progress Report	✓
2. Prof. PUNIT KAUER	Punit Kaur	3. Statement of expenditure	✓
3.		4. Utilization Certificate	✓
		5. Mandate form	✓



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-776/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Arun Anand Deptt. of Physics, MS University of Baroda Vadodara
2.	Title of the project	Quantitative 3D microscopy with axially distributed sensors and low coherent sources
3.	Total Allocation	11,85,300/-
4.	Grant Released	8,76,300/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please indicate 3 reasons)

Already Published , Satisfactorily

1.	
2.	
3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. Prof. K. T. R. REDDY	K. T. R. Reddy	2. Progress Report	✓
2. Prof. JUNIT KOUR	Junit Kaur	3. Statement of expenditure	✓
3.		4. Utilization Certificate	✓
		5. Mandate form	✓



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ज्ञान- विज्ञान विमुक्तये
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BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-777/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Dinesh Deptt. of Physics, Govt. Gandhi Memorial Science College Jammu
2.	Title of the project	Crystal engineering and characterization of [MX4] + [RI- Inorganic - Organic hybrid materials
3.	Total Allocation	9,40,800/-
4.	Grant Released	6,01,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	02-05-2014
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please
indicate 3 reasons)

Satisfactory

1.
2.
3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. PROF. K. T. R. REDDY	K. T. R. Reddy	2. Progress Report	✓
2. PROF. PUNIT KAVIR	Punit Kavir	3. Statement of expenditure	✓
3.		4. Utilization Certificate	✓
		5. Mandate form	✓



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ज्ञान- विज्ञान विमुक्तये
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NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-778/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Sunita Bhagwat Deptt. of Physics, M.E.S. Abasaheb Garware College Karve Road, Pune
2.	Title of the project	Synthesis of ferrites as gas sensor materials and study of their structural, magnetic electric and dielectric properties
3.	Total Allocation	12,45,800/-
4.	Grant Released	8,81,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please indicate 3 reasons)

Satisfactory, already published.

1.
2.
3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. PROF. K.T.R. REDDY	K.T.R. Reddy	2.Progress Report	✓
2. PROF. SUNITA BHAGWAT	Sunita Bhagwat	3.Statement of expenditure	✓
3.		4.Utilization Certificate	✓
		5. Mandate form	✓



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-779/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. R.S. Patil Deptt. of Physics, The New College Kolhapur
2.	Title of the project	Investigations on self-powered smart window based on transparent organic solar cell and electronic inorganic oxides
3.	Total Allocation	12,44,800/-
4.	Grant Released	8,80,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please
indicate 3 reasons)

Satisfactory

1.
2.
3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. Prof. K. T. R. Reddy	K. T. R. Reddy	2. Progress Report	✓
2. Prof. Punit Kumar	Punit Kumar	3. Statement of expenditure	✓
3.		4. Utilization Certificate	✓
		5. Mandate form	✓



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-780/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Shamshad Ahmad Khan Deptt. of Physics, St. Andrew's PG. College Gorakhpur
2.	Title of the project	Kinetics of first order phase transformation and structural studies of Sb, Zn and Bi doped Se-In chalcogenide glasses
3.	Total Allocation	15,08,800/-
4.	Grant Released	11,24,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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NIL

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

NIL	Satisfactory.
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3. Comments(If incase not satisfactory, please
indicate 3 reasons)

NIL.

1.	
2.	
3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. M. K. Anantharaman	AK	2.Progress Report	✓
2. SANKAR PRASAD DAS	Sankar Das	3.Statement of expenditure	✓
3.		4.Utilization Certificate	✓
		5. Mandate form	✓



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
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NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-781/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. S.K. Tripathi Deptt. of Physics, Panjab University, Chandigarh
2.	Title of the project	Study of phase change mechanism in GST nanoparticles for PCRAM devices
3.	Total Allocation	13,22,800/-
4.	Grant Released	9,58,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please
indicate 3 reasons)

satisfactory

1.	
2.	
3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. Prof. K.T.R. Reddy	<i>K. T. R. Reddy</i>	2. Progress Report	✓
2. Prof. Punit Kaur	<i>Punit Kaur</i>	3. Statement of expenditure	✓
3.		4. Utilization Certificate	✓
		5. Mandate form	✓



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
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NEW DELHI-110002

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SUBJECT: Physics

Dated: 12.01.2015

File No. 42-782/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. P. Perumal Deptt. of Physics, Alagappa Govt. Arts College, Karaikudi
2.	Title of the project	Synthesis, characterization and application of metal chalcogenide ternary thin film nano structures for terrestrial photovoltaic solar cells
3.	Total Allocation	13,48,300/-
4.	Grant Released	9,71,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please
indicate 3 reasons)

ABSENT

1.	
2.	
3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	_____
1. PROF. K.T. REDDY	K.T. Reddy	2.Progress Report	_____
2. PROF. JUNIT KAUF	Junit Kauf	3.Statement of expenditure	_____
3.		4.Utilization Certificate	_____
		5. Mandate form	_____



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

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SUBJECT: Physics

Dated: 12.01.2015

File No. 42-783/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Bikash Chandra Paul Deptt. of Physics, North Bengal University Siliguri
2.	Title of the project	Cosmologies with dark matter, dark energy & modified gravity
3.	Total Allocation	9,09,800/-
4.	Grant Released	5,50,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments (If incase not satisfactory, please indicate 3 reasons)

Satisfactorily, published paper.

1.
2.
3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. PROF. K. T. R. REDDY	K. T. R. Reddy	2. Progress Report	✓
2. PROF. PUNIT KAPOOR	Punit Kapoor	3. Statement of expenditure	✓
3.		4. Utilization Certificate	✓
		5. Mandate form	✓



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
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NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-784/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. M. Ramakrishna Nanchara Rao Deptt. of Physics, Hindu College, Machilipatnam
2.	Title of the project	An investigation on liquid crystalline behavior of cyanobiphenyl derivatives • roctected metal nanoparticles
3.	Total Allocation	12,13,300/-
4.	Grant Released	8,31,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

Grant may be released to the new place of work within the approved budget as the work is satisfactory

3. Comments(If incase not satisfactory, please indicate 3 reasons)

Satisfactory

1.
2.
3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	<input checked="" type="checkbox"/>
1. PROF. K. T. R. Reddy	K. T. R. Reddy	2.Progress Report	<input checked="" type="checkbox"/>
2. PROF. PUNIT KAO	Punit KAO	3.Statement of expenditure	<input checked="" type="checkbox"/>
3.		4.Utilization Certificate	<input checked="" type="checkbox"/>
		5. Mandate form	<input checked="" type="checkbox"/>



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

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SUBJECT: Physics

Dated: 12.01.2015

File No. 42-785/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Gazi Ammen Ahmed Deptt. of Physics, Tezpur University Tezpur
2.	Title of the project	Investigation of photocatalytic response of TiO ₂ nanostructures under doping and irradiation for practical applications
3.	Total Allocation	13,97,800/-
4.	Grant Released	9,68,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please
indicate 3 reasons)

Good publications, Satisfactory

- 1.
- 2.
- 3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. Prof. K. T. R. REDDY	K. T. R. Reddy	2. Progress Report	✓
2. Prof. PUNIT KAVR	Punit Kavre	3. Statement of expenditure	✓
3.		4. Utilization Certificate	✓
		5. Mandate form	✓



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

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SUBJECT: Physics

Dated: 12.01.2015

File No. 42-786/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. K. Gunasekaran Deptt. of Physics, University of Madras Chennai
2.	Title of the project	Designing lead molecule to destroy the inhibitory role of aspin (Bm33) from filariasis nematode brugia malayi
3.	Total Allocation	11,43,800/-
4.	Grant Released	6,49,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	—
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

Travel may be reappropriated
to contingency

3. Comments(If incase not satisfactory, please
indicate 3 reasons)

Satisfactory, Published

- 1.
- 2.
- 3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	Not filled
1. PROF. K. T. R. REDDY	K. T. R. Reddy	2. Progress Report	—
2. PROF. PUNIT KAVIR	Punit Kavir	3. Statement of expenditure	✓
3.		4. Utilization Certificate	✓
		5. Mandate form	—



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
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NEW DELHI-110002

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SUBJECT: Physics

Dated: 12.01.2015

File No. 42-787/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Anup K. Ghosh Deptt. of Physics, Banaras Hindu University Varanasi
2.	Title of the project	Investigation on optical and magnetic properties of Transition metal doped SnO2 nanostructures
3.	Total Allocation	12,64,800/-
4.	Grant Released	9,15,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

Contingency money may be
re-appropriated for buying equipments

Punit Kaur

3. Comments(If incase not satisfactory, please
indicate 3 reasons)

Satisfactory

1.	
2.	
3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. PROF. K. T. R. REDDY	<i>K. T. R. Reddy</i>	2. Progress Report	✓
2. PROF PUNIT KAUR	<i>Punit Kaur</i>	3. Statement of expenditure	✓
3.		4. Utilization Certificate	✓
		5. Mandate form	✓



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
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NEW DELHI-110002

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SUBJECT: Physics

Dated: 12.01.2015

File No. 42-788/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. N.K. Pandey Deptt. of Physics, University of Lucknow Lucknow
2.	Title of the project	Morphological and Gas/Relative humidity sensing studies of undoped and doped ZnO nanomaterials ✓ ✓
3.	Total Allocation	10,60,000/-
4.	Grant Released	8,95,000/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ CDMMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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Nil

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

Nil

3. Comments(If incase not satisfactory, please
indicate 3 reasons)

1.	Satisfactory
2.	
3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. M.R. Anantharaman	AK	2.Progress Report	✓
2. SANKAR PRASAD DAS	Sampl	3.Statement of expenditure	✓
3.		4.Utilization Certificate	✓
		5. Mandate form	✓



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

32

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-789/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. N. Nagaiah Deptt. of Physics, Bangalore University Bangalore
2.	Title of the project	Studies on radon exhalation rate and its possible dependence on geophysical and meteorological parameters in the environment of Bangalore
3.	Total Allocation	13,75,800/-
4.	Grant Released	10,26,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

Extension is requested for 6 months within the granted budget. Prof. K. N. R. Reddy
No cost extension. Extension may be granted for 6 months as per rule.
Satisfactory

3. Comments(If incase not satisfactory, please indicate 3 reasons)

1.
2.
3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. Prof. K. T. R. Reddy	K. T. R. Reddy	2.Progress Report	✓
2. Prof. JUNIT KOUR	JUNIT KOUR	3.Statement of expenditure	✓
3.		4.Utilization Certificate	✓
		5. Mandate form	✓



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

33

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-790/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Mrinal Kumar Das Deptt. of Physics, Tezpur University Tezpur
2.	Title of the project	Study on neutrino masses and mixing in context of recent neutrino oscillation data
3.	Total Allocation	10,50,800/-
4.	Grant Released	6,86,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please indicate 3 reasons)

Satisfactory, already published

1.	
2.	
3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	<input checked="" type="checkbox"/>
1. Prof. K. T. R. Reddy	<i>K. T. R. Reddy</i>	2. Progress Report	<input checked="" type="checkbox"/>
2. Prof. Punit Kaur	<i>Punit Kaur</i>	3. Statement of expenditure	<input checked="" type="checkbox"/>
3.		4. Utilization Certificate	<input checked="" type="checkbox"/>
		5. Mandate form	<input checked="" type="checkbox"/>



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-791/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. V. Annamalai Deptt. of Physics, Chikkanna Govt. Arts College for Men Tirupur
2.	Title of the project	Development and investigations on ferroelectric ceramic - polymer composites for pressure sensor and accelerometer applications
3.	Total Allocation	10,90,800/-
4.	Grant Released	8,06,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please indicate 3 reasons)

Satisfactory

1.	
2.	
3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. PROF. K.T.R. REDDY	K.T.R. Reddy	2.Progress Report	✓
2. PROF. JUNIT KAVR	Junit Kavr	3.Statement of expenditure	✓
3.		4.Utilization Certificate	✓
		5. Mandate form	✓



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-792/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. B.S. Yadav Deptt. of Physics, Deva Nagri College Meerut
2.	Title of the project	Spectroscopic investigations, thermodynamic functions and density functional computation of some substituted N-heterocyclic molecules
3.	Total Allocation	10,06,800/-
4.	Grant Released	6,50,300/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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N/A

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please
indicate 3 reasons)

1.	satisfactory
2.	
3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. SANKAR PRASAD	Dr. Sankar Prasad	2.Progress Report	✓
2. M. R. Anantharaman	M. R. Anantharaman	3.Statement of expenditure	✓
3.		4.Utilization Certificate	✓
		5. Mandate form	✓



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-793/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Sujin P. Jose Deptt. of Physics, Madurai Kamaraj University Madurai
2.	Title of the project	Investigation of hybrid metal oxide/multimetal oxide nanomaterials for supercapacitor application
3.	Total Allocation	11,60,800/-
4.	Grant Released	8,46,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please indicate 3 reasons)

ABSENT

1.	
2.	
3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	_____
1. PROF. K.T.R. REDDY	K. T. R. Reddy	2.Progress Report	_____
2. PROF GUNIT KAVAR	Gunit Kavarkar	3.Statement of expenditure	_____
3.		4.Utilization Certificate	_____
		5. Mandate form	_____



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-794/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Paragjyoti Gogoi Deptt. of Physics, Sibsagar College Joysagar
2.	Title of the project	Investigation of the electrical properties of doped/undoped ZnO based thin film transistors with different gate dielectrics
3.	Total Allocation	11,59,800/-
4.	Grant Released	8,40,800/- ✓
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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NIL

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

NIL

3. Comments(If incase not satisfactory, please
indicate 3 reasons)

NA

1.	Satisfactory
2.	
3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. M.R. ANANTHARAMAN	ATL	2.Progress Report	✓
2. SANKAR PRASAD DAS	Sange Das	3.Statement of expenditure	✓
3.		4.Utilization Certificate	✓
		5. Mandate form	✓



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

38

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-795/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Nilakshi Das Deptt. of Physics, Tezpur University Nappam
2.	Title of the project	A study of the dynamics of dust particles in strongly coupled plasma
3.	Total Allocation	9,65,800/-
4.	Grant Released	5,96,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

50 0000

I feel the progress of the research is very good and the support be provided. Sd/-

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorary/
Inst. Overhead charges)

She wants an extra 50,000/-
and she does not need the full
of 30,000/- for hiring.

3. Comments(If incase not satisfactory, please
indicate 3 reasons)

1. Satisfactory
2.
3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. SANKAR PRASAD DAS	Sankar Das	2.Progress Report	✓
2. M.R. ANANTHARAMAN	MR	3.Statement of expenditure	✓
3.		4.Utilization Certificate	to be sent
		5. Mandate form	✓



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

38

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-796/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. R. Padma Suvarna Deptt. of Physics, Jawaharlal Nehru Technological University Anantapur
2.	Title of the project	Synthesis and characterization of nano conducting polymers for the fabrication of Lithium batteries
3.	Total Allocation	9,66,800/-
4.	Grant Released	5,92,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please
indicate 3 reasons)

Satisfactory

- 1.
- 2.
- 3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	_____
1. PROF. K. T. R. REDDY	<i>K. T. R. Reddy</i>	2.Progress Report	_____
2. PROF. PUNIT K. K. K.	<i>Punit K. K.</i>	3.Statement of expenditure	_____
3.		4.Utilization Certificate	_____
		5. Mandate form	_____



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

40

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-797/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. S. Perumal Deptt. of Physics, S.T. Hindu College Nagercoil
2.	Title of the project	Investigation of some metals-doped titanium dioxide (TiO ₂) nano materials for improved photocatalytic sensor using solvothermal process
3.	Total Allocation	12,38,800/-
4.	Grant Released	8,69,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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N/A

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please indicate 3 reasons)

1.	Satisfactory
2.	
3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. SANKAR PRASAD DAS	Sample	2.Progress Report	✓
2. M. R. Anan Karaman	AHL	3.Statement of expenditure	✓
3.		4.Utilization Certificate	✓
		5. Mandate form	✓



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-798/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Sanjay Kumar Goyal Deptt. of Physics, R.K.S.D. College Kaithal, Haryana
2.	Title of the project	Study of Over-exploitation and its impact on sustainability of groundwater in an agriculture dominated area using geophysical and GIS techniques
3.	Total Allocation	12,16,800/-
4.	Grant Released	8,42,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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nil

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honarium/
Inst. Overhead charges)

*With Rs 30,000/- may be
shifted from equipment to books.
A.H.*

3. Comments(If incase not satisfactory, please
indicate 3 reasons)

*and Rs 25,000/- for chemicals & antigeny
if permitting the rule -*

*1. Satisfactory, PI has requested extension up till
2. March 2017 if rule permits.
3.*

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. M. R. Anandharaman	A.H.	2.Progress Report	✓
2. SANKAR PRASAD DAS	Sankar	3.Statement of expenditure	✓
3.		4.Utilization Certificate	✓
		5. Mandate form	✓



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

42

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-799/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Sumanta Kumar Tripathy Deptt. of Physics, Gayatri Vidya Parishad College of Engineering Madhurawada, Visakhapatnam
2.	Title of the project	Synthesis of nanoparticle Tin oxide thin film by So-gel method and comarative study of its characteristics with thin film prepared by thermal eva oration technique for application to gas sensor
3.	Total Allocation	10,13,300/-
4.	Grant Released	6,56,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

Extension may be granted
till 31-03-2017
Extension may be granted on No cost basis
Satisfactory acc to rule
Punit Kaur

3. Comments(If incase not satisfactory, please indicate 3 reasons)

- 1.
- 2.
- 3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)

Checklist for document YES/NO

Name in Block letters	Signature	1.Details of project fellow	YES/NO
1. PROF. K.T.R. REDDY	K. T. R. Reddy	2.Progress Report	✓
2. PROF. PUNIT KAUER	Punit Kaur	3.Statement of expenditure	✓
3.		4.Utilization Certificate	✓
		5. Mandate form	✓



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-800/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Pravin Sadashiv More Deptt. of Physics, Institute of Science Madam Cama Road, Mumbai
2.	Title of the project	Synthesis and fabrication of metal oxide based LPG and Co-Investigator as sensors
3.	Total Allocation	11,76,500/-
4.	Grant Released	10,79,000/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

Money received 3 months
back; hence utilization
not provided. Purchase of cylinder
as requested may be permitted under
contingency. Project satisfactory.

3. Comments(If incase not satisfactory, please
indicate 3 reasons)

1.	
2.	
3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	—
1. PROF. K. T. R. REDDY	K. T. R. Reddy	2.Progress Report	—
2. PROF. PUNIT KAVIR	Punit Kavir	3.Statement of expenditure	✓
3.		4.Utilization Certificate	—
		5. Mandate form	—



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-801/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Prof. S.S. Islam Deptt. of Physics, Jamia Millia Islamia New Delhi
2.	Title of the project	Investigation of optical properties of CNT composite films for the application of Optical detector
3.	Total Allocation	14,74,800/-
4.	Grant Released	10,25,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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N/A

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please
indicate 3 reasons)

1. Satisfactory. The PI should acknowledge to
2. UGC.
3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. SANJAY PRASAD DAI	Sanjay DAI	2.Progress Report	✓
2. M.R. Anantharaman	M.R. Anantharaman	3.Statement of expenditure	✓
3.		4.Utilization Certificate	✓
		5. Mandate form	✓



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-802/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. S.P. Nehra Deptt. of Physics, Deenbandhu Chhotu Ram University of Science & Technology Murthal, Sonapat
2.	Title of the project	Preparation and characterization of buffer layer's materials thin films for environmental friendly photovoltaic applications
3.	Total Allocation	10,66,800/-
4.	Grant Released	7,27,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please indicate 3 reasons)

- Satisfactory

1.
2.
3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	<input checked="" type="checkbox"/>
1. PROF. K. T. R. REDDY	K. T. R. Reddy	2.Progress Report	<input checked="" type="checkbox"/>
2. PROF. PUNIT KAVIR	Punit Kavir	3.Statement of expenditure	<input checked="" type="checkbox"/>
3.		4.Utilization Certificate	<input checked="" type="checkbox"/>
		5. Mandate form	<input checked="" type="checkbox"/>



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

46

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-803/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Sushil Kumar Deptt. of Physics, Chaudhary Devi Lal University Sirsa
2.	Title of the project	Investiation on technologically important nanosized metal oxides and their binarysystems prepared by sol-gel route
3.	Total Allocation	11,24,300/-
4.	Grant Released	7,70,300/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please
indicate 3 reasons)

satisfactory

1.
2.
3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. PROF. K. T. R. REDDY	<i>K. T. R. Reddy</i>	2. Progress Report	✓
2. PROF. PUNIT KAWR	<i>Punit Kawr</i>	3. Statement of expenditure	✓
3.		4. Utilization Certificate	✓
		5. Mandate form	✓



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ज्ञानं विज्ञानं विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-804/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Rabindra Nath Bhowmik Deptt. of Physics, Pondicherry University Pondicherry
2.	Title of the project	Study of correlation between structural and magnetic heterogeneity, and semiconductivity in Co rich region of Fe ₃ -sCo _x O ₄ ferrites
3.	Total Allocation	14,23,600/-
4.	Grant Released	11,60,600/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

As the project progress is very good and the project is granted for three years, project fellow may be given for the third year also.

3. Comments(If incase not satisfactory, please indicate 3 reasons)

Progress is very good

1.
2.
3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. PROF. K. T. R. REDDY	K. T. R. Reddy	2.Progress Report	✓
2. PROF. SUNIT KANUR	Sunit Kanur	3.Statement of expenditure	✓
3.		4.Utilization Certificate	✓
		5. Mandate form	



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

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SUBJECT: Physics

Dated: 12.01.2015

File No. 42-805/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Zishan Husain Khan Deptt. of Physics, Jamia Millia Islamia New Delhi
2.	Title of the project	Enhanced and tunable photoluminescence from metals doped tris (8-hydroxyquinoline) aluminum (Alq3) nanowires for onto- electronic devices
3.	Total Allocation	14,61,800/-
4.	Grant Released	10,67,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please indicate 3 reasons)

Satisfactory, Published Paper

1.	
2.	
3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. PROF. K.T.R. REDDY	K.T.R. Reddy	2.Progress Report	✓
2. PROF. JUNIT KAU R	Prof. Junit Kau R	3.Statement of expenditure	✓
3.		4.Utilization Certificate	✓
		5. Mandate form	✓

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-806/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Prof. Prafula K. Jha Deptt. of Physics, M.S. University of Baroda, Vadodara
2.	Title of the project	Energy landscape and pressure induced phase transition and amorphization in transition metal dioxides using ab-initio calculation
3.	Total Allocation	11,19,800/-
4.	Grant Released	7,65,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

Breakup of Nodes as indicated earlier
High end computer may be permitted

3. Comments(If incase not satisfactory, please
indicate 3 reasons)

Satisfactory, published paper.

1.	
2.	
3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. Prof. K. T. R. REDDY	K. T. R. Reddy	2.Progress Report	✓
2. Prof. PUNIT KAUR	Punit Kaur	3.Statement of expenditure	✓
3.		4.Utilization Certificate	✓
		5. Mandate form	✓



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-807/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. P. Sivakumar Deptt. of Physics, Periyar E.V.R. College Tiruchirappalli <i>PVDF-HFP</i>
2.	Title of the project	Investigation of PVEH-11FP PEMA blend based solid polymer electrolyte with lithium salts and ceramic oxides →
3.	Total Allocation	15,03,800/-
4.	Grant Released	11,12,300/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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Nil

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

NA

3. Comments (If incase not satisfactory, please
indicate 3 reasons)

1. *Satisfactory.*
2. *Need to publish the results in reputed mainstream journals.*
3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. <i>M.R. Anantharaman</i>	<i>[Signature]</i>	2.Progress Report	✓
2. <i>SANKAR PRASAD DAB</i>	<i>[Signature]</i>	3.Statement of expenditure	✓
3.		4.Utilization Certificate	✓
		5. Mandate form	✓



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-808/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Yashwantrao Dhaduji Tembhurkar Deptt. of Physics, Seth Kesarimal Porwal College of Arts, Science and Commerce Kamptee, Nagpur
2.	Title of the project	Preparation of (I-II-VI) compound semiconducting thin films by spray pyrolysis method and study their optical, electrical and structural properties
3.	Total Allocation	12,50,800/-
4.	Grant Released	8,96,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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NIL

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

NA

3. Comments(If incase not satisfactory, please
indicate 3 reasons)

1. Satisfactory
2. Efforts should be made to improve the quality of
3. the journals chosen for publication

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	
1. M. R. Anantharaman	AH	2.Progress Report	
2. SANKAR PRASAD DA	Sankar Das	3.Statement of expenditure	
3.		4.Utilization Certificate	
		5. Mandate form	



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-809/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Nirmal Singh Deptt. of Physics, Panjab University Chandigarh
2.	Title of the project	In beam nuclear structure physics in $A^{100-130}$ mass nuclei
3.	Total Allocation	6,38,200/-
4.	Grant Released	3,52,200/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please
indicate 3 reasons)

1. satisfactory.
- 2.
- 3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	X
1. SANKAR PRASAD DAS	Sankar Das	2.Progress Report	✓
2. M. R. Anantharaman	M. R. Anantharaman	3.Statement of expenditure	✓
3.		4.Utilization Certificate	✓
		5. Mandate form	✓



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-810/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Kadam Anukush Baburao Deptt. of Physics, Jawahar Arts, Science & Commerce College Anandur, Osmanabad
2.	Title of the project	Effect of dopant on the structural, electric and magnetic behavior of some nano-crystalline spinet ferrites preaped by soft-gel autocombustion method
3.	Total Allocation	12,10,800/-
4.	Grant Released	8,71,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please
indicate 3 reasons)

Satisfactory

1.
2.
3.

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(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	<input checked="" type="checkbox"/>
1. PROF. K. T. R. REDDY	<i>K. T. R. Reddy</i>	2. Progress Report	<input checked="" type="checkbox"/>
2. PROF. JUNIT KARR	<i>Unit Kar</i>	3. Statement of expenditure	<input checked="" type="checkbox"/>
3.		4. Utilization Certificate	<input checked="" type="checkbox"/>
		5. Mandate form	<input checked="" type="checkbox"/>



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

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SUBJECT: Physics

Dated: 12.01.2015

File No. 42-811/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Prof. Rajeev K. Puri Deptt. of Physics, Panjab University Chandigarh
2.	Title of the project	Study of collective flow and related phenomena in intermediate energy heavy ion collisions
3.	Total Allocation	10,10,000/-
4.	Grant Released	9,10,000/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

Chemical / glassware and Travel may
be reappropriated to contingency

3. Comments(If incase not satisfactory, please
indicate 3 reasons)

Satisfactory + published paper

1.
2.
3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	—
1. Prof. K.T.R. REDDY	K.T.R.	2.Progress Report	✓
2. Prof PUNIT KAUR	Punit Kaur	3.Statement of expenditure	✓
3.		4.Utilization Certificate	—
		5. Mandate form	—



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-812/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Kedar Singh Deptt. of Physics, Banaras Hindu University Varanasi
2.	Title of the project	Preparation and investigation of carrier -type reversal metal modified chalcogenide glasses
3.	Total Allocation	10,96,000/-
4.	Grant Released	10,51,000/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

Recommended for re-appropriation of travel money to chemical/glassware.

3. Comments(If incase not satisfactory, please indicate 3 reasons)

Two pages, Satisfactory

1.
2.
3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	—
1. Prof. K. T. R. Reddy	K. T. R. Reddy	2. Progress Report	✓
2. Prof. PUNIT KAVIR	Punit Kavir	3. Statement of expenditure	✓
3.		4. Utilization Certificate	—
		5. Mandate form	—



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-813/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. R.G. Sonkawade Deptt. of Physics, Babasaheb Bhimrao Ambedkar University Rae Bareilly, Luknow
2.	Title of the project	Estimation & Evaluation of Radon, Thoron in the Soil, By ash and radiation shielding materials and its systematic analysis with Gamma spectrometry
3.	Total Allocation	11,98,800/-
4.	Grant Released	8,79,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please indicate 3 reasons)

Report is satisfactory

1.	
2.	
3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	<input checked="" type="checkbox"/>
1. PROF. K.T.R. REDDY	<i>K.T.R. Reddy</i>	2.Progress Report	<input checked="" type="checkbox"/>
2. PROF. PUNIT KAUER	<i>Punit Kauer</i>	3.Statement of expenditure	<input checked="" type="checkbox"/>
3.		4.Utilization Certificate	<input checked="" type="checkbox"/>
		5. Mandate form	<input checked="" type="checkbox"/>



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-814/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Neelam Srivastava Deptt. of Physics, Banaras Hindu University Varanasi
2.	Title of the project	Synthesis & electrical characterization of starch based electrolyte system
3.	Total Allocation	14,03,800/-
4.	Grant Released	10,59,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please
indicate 3 reasons)

Satisfactory

1.
2.
3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	
1. PROF. K. T. R. REDDY	<i>K. T. R. Reddy</i>	2.Progress Report	✓
2. PROF PUNIT KANU	<i>Punit Kanu</i>	3.Statement of expenditure	✓
3.		4.Utilization Certificate	✓
		5. Mandate form	✓



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-815/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. B. Hemalatha Rudramadevi Deptt. of Physics, Madurai Kamaraj University transfer of S.V. Univesity, Tirupati * Madurai Transfer.
2.	Title of the project	Synthesis and dielectric, magnetic properties of certain tansition metal Tm ²⁺ Ions doled ferroelectric ceramics
3.	Total Allocation	11,90,800/-
4.	Grant Released	8,51,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

* Shifted to

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

N I L

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

Not Required

3. Comments(If incase not satisfactory, please
indicate 3 reasons)

Satisfactory.

1.
2.
3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	YES
1. Ashok Kumar Nagawat		2.Progress Report	YES
2. B. PANDIT		3.Statement of expenditure	YES
3.		4.Utilization Certificate	YES
		5. Mandate form	—



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-816/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. K. Jayakumar Deptt. of Physics, Gandhigram Rural Institute Gandhigram
2.	Title of the project	Study on the coulomb interaction of double acceptors in amgnetic semiconductor nanostructured s stems
3.	Total Allocation	10,96,800/-
4.	Grant Released	7,87,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

Transfer of Rs 30,000/- Chemical/glassware
grant to Equipment (Purchase of UPS) - 2008

3. Comments(If incase not satisfactory, please
indicate 3 reasons)

Satisfactory.

2008

1.
2.
3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. Prof C. D. Lalchandra		2.Progress Report	✓
2. Prof R. R. Yadav		3.Statement of expenditure	✓
3.		4.Utilization Certificate	✓
		5. Mandate form	✓



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-817/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Manohar N. Nyayate Deptt. of Physics, B.N. Bandodkar College of Science Thane
2.	Title of the project	Study of magnetostrictive properties in the alloys of ferromagnetic and rare earth metals
3.	Total Allocation	10,43,000/-
4.	Grant Released	10,23,000/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

N I L.

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

Not Required

3. Comments(If incase not satisfactory, please
indicate 3 reasons)

Satisfactory

1.
2.
3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	NO
1. Ashok Kumar Nagawat		2.Progress Report	YES
2. B. PRADEEP		3.Statement of expenditure	NO
3.		4.Utilization Certificate	NO
		5. Mandate form	YES



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

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SUBJECT: Physics

Dated: 12.01.2015

File No. 42-818/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	DR. R. Sivakumar Deptt. of Physics, Alagappa University Karaikudi
2.	Title of the project	Studies on diluted magnetic semiconductor thin film prepared by chemical methods
3.	Total Allocation	12,44,800/-
4.	Grant Released	9,50,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	6-05-2013.
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please indicate 3 reasons)

Satisfactory

1.	
2.	
3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	o/c
1. R. S. TIWARI	R. S. Tiwari	2. Progress Report	o/c
2. B S Bajwa	B S Bajwa	3. Statement of expenditure	o/c
3. SANJAY PANT	Sanjay Pant	4. Utilization Certificate	o/c
		5. Mandate form	o/c



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

62

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-819/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. M. Ramesh Prabhu Deptt. of Physics, Alagappa University Karaikudi
2.	Title of the project	Investigations on nanofiller incorporated PEMA composite electrolytes for lithium batteries
3.	Total Allocation	9,60,800/-
4.	Grant Released	6,21,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

— NIL —

3. Comments(If incase not satisfactory, please
indicate 3 reasons)

Satisfactory

1.	
2.	
3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	<input checked="" type="checkbox"/>
1. Prof C. D. Lokhande	<i>[Signature]</i>	2.Progress Report	<input checked="" type="checkbox"/>
2. Prof R. R. Yadav	<i>[Signature]</i>	3.Statement of expenditure	<input checked="" type="checkbox"/>
3.		4.Utilization Certificate	<input checked="" type="checkbox"/>
		5. Mandate form	<input checked="" type="checkbox"/>

[Signature]



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

63

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-820/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Prerana Sharma Deptt. of Physics, Govt. Engineering College Ujjain
2.	Title of the project	Role of laser beam filamentation in laser plasma coupling: Application to rticle accelaration
3.	Total Allocation	9,45,800/-
4.	Grant Released	6,31,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	13 RF 1st June, 2013 26-11-14
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

N I L

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

N I L

3. Comments(If incase not satisfactory, please
indicate 3 reasons)

Satisfactory .

1.
2.
3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature		
1. R. S. TIWARI		1.Details of project fellow	OK
2. P. S. Bajwa		2.Progress Report	OK
3. SANJAY PANT		3.Statement of expenditure	OK NO
		4.Utilization Certificate	OK NO
		5. Mandate form	OK



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

64

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-821/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Santosh Kumar Deptt. of Physics, Christ Church (PG) College Kanpur
2.	Title of the project	Study of thermal stability and crystallization kinetics in some semiconducting glassy alloys
3.	Total Allocation	13,16,300/-
4.	Grant Released	9,89,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

Money was not yet released (F.No: 42-82/2013(Ge)
Recommended for change of the start date or
sanction of extension.

3. Comments(If incase not satisfactory, please
indicate 3 reasons)

Satisfactory

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3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	-
1. Prof. K. T. R. Reddy	K. T. R. Reddy	2.Progress Report	-
2. Prof. PUNIT KAVR	Punit Kaur	3.Statement of expenditure	-
3.		4.Utilization Certificate	-
		5. Mandate form	-



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

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SUBJECT: Physics

Dated: 12.01.2015

File No. 42-822/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Gunakar Das Deptt. of Physics, Kolasib College Kolasib
2.	Title of the project	Study of photofield emission by using the proejection operator method of rou I theor and band structure calculations
3.	Total Allocation	10,85,800/-
4.	Grant Released	7,71,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	1 st June, 2013
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

N I L

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

N I L

3. Comments(If incase not satisfactory, please
indicate 3 reasons)

Satisfactory .

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3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)

Name in Block letters

Signature

1. R. S. TIWARI
2. B S Bawa
3. SANJAY PANT

(Signatures of R. S. Tiwari, B S Bawa, and Sanjay Pant)

Checklist for document YES/NO

- 1.Details of project fellow OK
2.Progress Report OK
3.Statement of expenditure OK
4.Utilization Certificate OK
5. Mandate form OK



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-823/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Shrikrishna P. Yawale Deptt. of Physics, Govt. Vidarbha Institute of Science & Humanities, Amravati
2.	Title of the project	Development of nano-architecture metal oxide doped conducting polymers as Gas sensor
3.	Total Allocation	10,82,000/-
4.	Grant Released	9,97,000/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

3. Comments(If incase not satisfactory, please
indicate 3 reasons)

- 1.
- 2.
- 3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)

Checklist for document YES/NO

Name in Block letters

Signature

1. Prof. H. D. Deshpande
2. Prof. D. K. DHAWAN
- 3.

1.Details of project fellow

2.Progress Report

3.Statement of expenditure

4.Utilization Certificate

5. Mandate form



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-824/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. K.V. Ramesh Deptt. of Physics, Gitam University Visakhapatnam
2.	Title of the project	Synthesis and study of magnetic and electrical properties of errites for mentor and sensor a s s lications
3.	Total Allocation	11,33,800/-
4.	Grant Released	7,94,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

N I L

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

Not Required

3. Comments (If incase not satisfactory, please
indicate 3 reasons)

Satisfactory

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(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	YES
1. ASHOK KUMAR NAGAWAT		2.Progress Report	YES
2. B. PRADEEP		3.Statement of expenditure	YES
3.		4.Utilization Certificate	YES
		5. Mandate form	YES



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-825/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Lalan Prasad Deptt. of Physics, Moti Ram Babu Govt. Post-graduate College Haldwani, Nainital
2.	Title of the project	Study of distribution of solar flares around the sun and their association with corona mass ejection
3.	Total Allocation	7,70,800/-
4.	Grant Released	4,51,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

NIL

3. Comments (If incase not satisfactory, please indicate 3 reasons)

Satisfactory.

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(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	<input checked="" type="checkbox"/>
1. Prof. C.D. Lokhande		2.Progress Report	<input checked="" type="checkbox"/>
2. Prof. R.R. Yachew		3.Statement of expenditure	<input checked="" type="checkbox"/>
3.		4.Utilization Certificate	<input checked="" type="checkbox"/>
		5. Mandate form	<input checked="" type="checkbox"/>

grants released recently



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-826/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. M.P. Deshpande Deptt. of Physics, Sardar Patel University Vallabh Vidyanagar
2.	Title of the project	Synthesis and characateriazation of V2-V1 compound in single crystal/nanomaterial/thin film forms
3.	Total Allocation	11,16,800/-
4.	Grant Released	7,90,300/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	01-07-2013
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

N I L

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

N I L

3. Comments (If incase not satisfactory, please
indicate 3 reasons)

Satisfactory .

1.	
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3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	OK
1. R S TIWARI	R S Tiwari	2.Progress Report	
2. BS Bajwa	BS Bajwa	3.Statement of expenditure	OK
3. SANJAY PANT	Sanjay Pant	4.Utilization Certificate	OK
		5. Mandate form	NO



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-827/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. R. Kanagadurai Deptt. of Physics, Presidency College Chennai
2.	Title of the project	Investigations on synthesis, structural and multiferroic properties of some strol.' correlated nano bi based orthoferrites and manganites
3.	Total Allocation	11,62,800/-
4.	Grant Released	8,23,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

- NIL -

3. Comments(If incase not satisfactory, please
indicate 3 reasons)

Satisfactory.

1.	
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3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. Prof. C.D. Wickham		2.Progress Report	✓
2. Prof. R.R. Yadav		3.Statement of expenditure	✓
3.		4.Utilization Certificate	✓
		5. Mandate form	✓



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

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SUBJECT: Physics

Dated: 12.01.2015

File No. 42-828/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Mahendra Singh Dhaka Deptt. of Physics, Mohanlal Sukhadia University Udaipur
2.	Title of the project	Growth and characterization of CdTe thin films for photovoltaic applications
3.	Total Allocation	12,16,500/-
4.	Grant Released	8,27,500/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

NIL

3. Comments (If incase not satisfactory, please
indicate 3 reasons)

Satisfactory

1.	
2.	
3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. Prof C.D. Lokhande		2.Progress Report	✓
2. Prof R A Yadav		3.Statement of expenditure	✓
3.		4.Utilization Certificate	✓
		5. Mandate form	✓



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

72

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-829/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Ashish Agarwal Deptt. of Physics, Guru Jambheshwar University of Science & Technology Hisar
2.	Title of the project	Study of phase transition and magneto electric coupling properties of modified multiferroics
3.	Total Allocation	13,29,800/-
4.	Grant Released	10,20,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	1 May 2013
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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NIL

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

NIL

3. Comments(If incase not satisfactory, please
indicate 3 reasons)

Satisfactory

1.	
2.	
3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	MC
1. R. S. TIWARI	Basim	2.Progress Report	
2. B S Bajwa	Bajwa	3.Statement of expenditure	MC
3. SANJAY PANT	Sinh	4.Utilization Certificate	MC
		5. Mandate form	



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

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SUBJECT: Physics

Dated: 12.01.2015

File No. 42-830/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Saikat Kumar Seth Deptt. of Physics, Mugheria Gangadhar Mahavidyalaya Bhupatinagar, Medinipur
2.	Title of the project	Tuning supramolecular self-assembly of metal-organic complexes in the context of crystal engineering : A combined X-ray and Hirshfeld surface analysis
3.	Total Allocation	13,54,800/-
4.	Grant Released	8,90,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

40,000/- for Hiring services -

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

NIL.

3. Comments (If incase not satisfactory, please indicate 3 reasons)

Satisfactory, excellent

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3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature		
1. Prof C.D. Lochan		1.Details of project fellow	✓
2. Prof R.R. Yadav		2.Progress Report	✓
3.		3.Statement of expenditure	✓
		4.Utilization Certificate	✓
		5. Mandate form	✓



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-831/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. P. Sarita Deptt. of Physics, Gitam University Visakhapatnam
2.	Title of the project	Data mining of tras, Velemental data obtained fro bilogcial samples of breast cancer kilatfents using analytical techniques
3.	Total Allocation	13,54,800/-
4.	Grant Released	8,90,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	21st September
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

NIL

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)



3. Comments(If incase not satisfactory, please
indicate 3 reasons)

Satisfactory
It can be extended for six months because it took time to collect samples
young of JET by 6 months
without any additional money
1. *Signature*
2. *Signature*
3. *Signature*

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	<i>OK</i>
1. R. S. TIWARI	<i>R. S. Tiwari</i>	2.Progress Report	<i>OK</i>
2. B S Bajwa	<i>B S Bajwa</i>	3.Statement of expenditure	<i>OK</i>
3. SANJAY PANT	<i>Sanjay Pant</i>	4.Utilization Certificate	<i>OK</i>
		5. Mandate form	<i>OK</i>



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

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SUBJECT: Physics

Dated: 12.01.2015

File No. 42-832/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. G. Giridhar Deptt. of Physics, Acharya Nagarjuna University Guntur
2.	Title of the project	Spectroscopic investigations on rare earth doped nanocrystals embedded cadmium • hos hate glasses for optical fiber amplifiers
3.	Total Allocation	13,50,800/-
4.	Grant Released	8,66,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

N I L

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

Not Required

3. Comments(If incase not satisfactory, please
indicate 3 reasons)

Satisfactory.

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(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	YES
1. ASHOK KUMAR NAGARAJA		2. Progress Report	YES
2. B. PRADEEP		3. Statement of expenditure	NO
3.		4. Utilization Certificate	NO
		5. Mandate form	



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

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SUBJECT: Physics

Dated: 12.01.2015

File No. 42-833/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. J. Mahadeva Deptt. of Physics, P.E.S. College of Science Mandya
2.	Title of the project	Electro-optic properties of ferroelectric liquid crystals
3.	Total Allocation	8,55,000/-
4.	Grant Released	6,67,500/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

NIL

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

Not Required.

3. Comments(If incase not satisfactory, please
indicate 3 reasons)

Satisfactory

1.	
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(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	No
1. ASHOK KUMAR NASAWAT		2.Progress Report	YES
2. B. PRADEEP		3.Statement of expenditure	YES
3.		4.Utilization Certificate	YES
		5. Mandate form	YES



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

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SUBJECT: Physics

Dated: 12.01.2015

File No. 42-834/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Arvind Deepak Sabharwal Deptt. of Physics, General Shivdev Singh Dewan Gurbachan Singh Khalsa College Patiala
2.	Title of the project	Experimental evaluation of effective atomic numbr and gamma albedos of composite materials, medical smapels and alloys using multiple backscattering
3.	Total Allocation	10,25,000/-
4.	Grant Released	9,00,000/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	—
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

N I L

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

N I L

3. Comments(If incase not satisfactory, please indicate 3 reasons)

Not satisfactory

- Due to late release of money from UGC (Sept 2014) equipment could not be purchased
- No progress made
- According to PI, due to revised dollar rate the money sanctioned for the equipment is now insufficient to buy being the same

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	Yes N.A.
1. R. S. Tiwari	R. S. Tiwari	2. Progress Report	Yes
2. B. S. Bajwa	B. S. Bajwa	3. Statement of expenditure	Yes
3. SANJAY PANT	Sanjay Pant	4. Utilization Certificate	No
		5. Mandate form	Yes



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

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SUBJECT: Physics

Dated: 12.01.2015

File No. 42-835/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Kanchan Konwar Deptt. of Physics, Digboi College Digboi
2.	Title of the project	Solution processed pentacene and tips pentacene thin films and their fet erformances
3.	Total Allocation	10,60,000/-
4.	Grant Released	9,45,000/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

N I L

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

Extra expenses in BOM & Journal &
Equipment may be adjusted by reappropriation
from Contingency if under rules.

3. Comments(If incase not satisfactory, please
indicate 3 reasons)

Satisfactory.

1.
2.
3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	NO
1. ASHOK KUMAR NASAWAT		2.Progress Report	YES
2. B. PRADEEP		3.Statement of expenditure	YES
3.		4.Utilization Certificate	YES.
		5. Mandate form	



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

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SUBJECT: Physics

Dated: 12.01.2015

File No. 42-836/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Mrs. M. Arulmozhi Deptt. of Physics, Jayaraj Annapackiam College for Women periyakulam
2.	Title of the project	Investi ations on excitions in Nanos rucutres
3.	Total Allocation	12,50,800/-
4.	Grant Released	8,36,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

NIL

3. Comments(If incase not satisfactory, please
indicate 3 reasons)

Satisfactory

1.	
2.	
3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature		
1. Prof C. D. Lakshmi		1.Details of project fellow	<input checked="" type="checkbox"/>
2. Prof R. R. Yadav		2.Progress Report	<input checked="" type="checkbox"/>
3.		3.Statement of expenditure	<input checked="" type="checkbox"/>
		4.Utilization Certificate	<input checked="" type="checkbox"/>
		5. Mandate form	<input checked="" type="checkbox"/>



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

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SUBJECT: Physics

Dated: 12.01.2015

File No. 42-837/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Anurup Gohain Barua Deptt. of Physics, Gauhati University Guwahati
2.	Title of the project	Studies on some aspects of light of the firefly
3.	Total Allocation	10,04,500/-
4.	Grant Released	9,09,500/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

— NIL —

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

— NIL —

3. Comments(If incase not satisfactory, please
indicate 3 reasons)

Satisfactory.

1.	
2.	
3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	not applicable.
1. Prof C.D LOKHANDI		2.Progress Report	✓
2. Prof R R Yadav		3.Statement of expenditure	✓
3.		4.Utilization Certificate	✓
		5. Mandate form	✓



Dated: 12.01.2015

File No. 42-838/2013(SR)

TENURE **3 Years**

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. M. Krishnaiah Deptt. of Physics, Sri Venkateswara University Tirupati
2.	Title of the project	Synthesis, characterization and structural studies on magneto resistive materials and some medicinally important organic compounds
3.	Total Allocation	9,75,200/-
4.	Grant Released	6,14,200/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(**Except for fellowship /Honorarium/
Inst. Overhead charges**)

ABSENT

3. Comments(If incase not satisfactory, please indicate 3 reasons)

- 1.
- 2.
- 3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	<u>Signature</u>	1.Details of project fellow	_____
1. Prof H.D. Klerkar	[Signature]	2.Progress Report	_____
2. Prof D.T. Dharwadkar	[Signature]	3.Statement of expenditure	_____
3.		4.Utilization Certificate	_____
		5. Mandate form	_____



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-839/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. D. Dhanalakshmi Deptt. of Physics, PSG College of Technology Coimbatore
2.	Title of the project	Investigation on spin transport by using different metal electrodes in an organic Si-in-valve structure for spintronic applications
3.	Total Allocation	12,10,000/-
4.	Grant Released	11,35,000/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

N I L

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

Not Required

3. Comments (If incase not satisfactory, please
indicate 3 reasons)

Satisfactory.

1.	
2.	
3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	NO
1. ASHOK KUMAR NASAWAT		2.Progress Report	YES
2. B. PRADEEP		3.Statement of expenditure	YES
3.		4.Utilization Certificate	YES
		5. Mandate form	YES



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-840/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Poonam Uniyal Deptt. of Physics, Thapar Institute of Engineering & Technology Patiala
2.	Title of the project	Synthesis of BiFeO ₃ - (K _{0.5} Na _{0.5}) NbO ₃ thin films for device applications
3.	Total Allocation	13,91,800/-
4.	Grant Released	10,07,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorary/Inst. Overhead charges)

3. Comments(If incase not satisfactory, please indicate 3 reasons)

1.
2.
3.

APPROVED

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	_____
1. Prof. H. D. Khanna	[Signature]	2.Progress Report	_____
2. Prof. D. C. Sharma	[Signature]	3.Statement of expenditure	_____
3.		4.Utilization Certificate	_____
		5. Mandate form	_____



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

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SUBJECT: Physics

Dated: 12.01.2015

File No. 42-841/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. R. Balasundaraprabhu Deptt. of Physics, PSG College of Technology Coimbatore
2.	Title of the project	Nanostructured Cigs based thin films for flexible solar cell applications
3.	Total Allocation	11,60,000/-
4.	Grant Released	10,85,000/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please indicate 3 reasons)

Satisfactory

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3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	not available
1. Prof C.D. Lalchande	<i>[Signature]</i>	2.Progress Report	✓
2. Prof R R Yadav	<i>[Signature]</i>	3.Statement of expenditure	✓
3.		4.Utilization Certificate	✓
		5. Mandate form	✓



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-843/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Prof. C. Vishnuvardhan Reddy Deptt. of Physics, Osmania University Hyderabad
2.	Title of the project	Magnetotransport properties of Microwave sintered double layered CMR maganites
3.	Total Allocation	14,14,800/-
4.	Grant Released	10,65,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

NIL

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

NIL

3. Comments (If incase not satisfactory, please
indicate 3 reasons)

Satisfactory

1.	
2.	
3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. Prof. H. D. KHANNA	[Signature]	2. Progress Report	✓
2. Prof. D. C. DHAWAN	[Signature]	3. Statement of expenditure	✓
3.		4. Utilization Certificate	✓
		5. Mandate form	✓



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-844/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. P. Ramesh Kumar Deptt. of Physics, Periyar EVR College Tiruchirappalli
2.	Title of the project	Growth and characterization of amino acid based efficient second-order No L-tartaric acid and their complex crystals
3.	Total Allocation	11,01,800/-
4.	Grant Released	7,17,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

N I L

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

Not Required

3. Comments (If incase not satisfactory, please
indicate 3 reasons)

Satisfactory.

1.	
2.	
3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	YES
1. ASHOK KUMAR NASAWAT		2. Progress Report	YES
2. B. PRADEEP		3. Statement of expenditure	YES
3.		4. Utilization Certificate	YES
		5. Mandate form	



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-845/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. A. Shamugaraju Deptt. of Physics, Arul Anandar College Karumathur, Madurai
2.	Title of the project	Investigations of corona mass ejections from the sun, associated solar activities and their Geography-space consequences
3.	Total Allocation	10,56,800/-
4.	Grant Released	7,32,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

NIL

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

NIL

3. Comments (If incase not satisfactory, please indicate 3 reasons)

Satisfactory

1.
2.
3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	/
1. Prof. D. K. DHAWAN	[Signature]	2.Progress Report	/
2. Prof. H. D. KIRANMA	[Signature]	3.Statement of expenditure	/
3.		4.Utilization Certificate	/
		5. Mandate form	/



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-846/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. M. Srinvas Deptt. of Physics, Osmania University Hyderabad
2.	Title of the project	Synthesis and luminescence studies on lanthanide ions doped inorganic nano- s ho 'hors
3.	Total Allocation	13,25,800/-
4.	Grant Released	9,71,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

NIL

3. Comments(If incase not satisfactory, please
indicate 3 reasons)

Satisfactory

1.	
2.	
3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. Prof C.D. Lokhande		2.Progress Report	✓
2. Prof R.R. Yadav		3.Statement of expenditure	✓
3.		4.Utilization Certificate	✓
		5. Mandate form	✓



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

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SUBJECT: Physics

Dated: 12.01.2015

File No. 42-847/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Sanjay Kr. Sharma Deptt. of Physics, D.B.S. Degree (PG) College Kanpur
2.	Title of the project	Ultrasonic investigations of binary liquid mixtures and some nanofluids
3.	Total Allocation	11,71,800/-
4.	Grant Released	7,87,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please
indicate 3 reasons)

1.
2.
3.

ABSENT

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	_____
1. Prof. H.D. Khanna	[Signature]	2. Progress Report	_____
2. Prof. D.R. Bhowmik	[Signature]	3. Statement of expenditure	_____
3.		4. Utilization Certificate	_____
		5. Mandate form	_____



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-848/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Mohamed Shahin Thayyil Deptt. of Physics, University of Calicut Calicut
2.	Title of the project	Relaxation_processes in glass forming pharmaceuticals
3.	Total Allocation	13,41,800/-
4.	Grant Released	9,57,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	2.7-2013
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in exceptional circumstances)

NIL

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

NIL

3. Comments (If incase not satisfactory, please
indicate 3 reasons) quite satisfactory

1.
2.
3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature		
1. R. S. TIWARI	R. S. Tiwari	1. Details of project fellow	OK
2. B. S. Bajwa	B. S. Bajwa	2. Progress Report	OK
3. SANJAY PANT	Sanjay Pant	3. Statement of expenditure	OK
		4. Utilization Certificate	OK
		5. Mandate form	OK



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-849/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Satya Pal singh Deptt. of Physics, Madan Mohan Malaviya Engineering College Gorakhpur
2.	Title of the project	Effect of confinement and interface parameters on surface directed phase separation: Wetting and Organizational behavior in a conserved binary mixture
3.	Total Allocation	12,63,800/-
4.	Grant Released	9,69,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

NIL

3. Comments(If incase not satisfactory, please indicate 3 reasons)

Satisfactory.

1.	
2.	
3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. Prof C.D. Lokhande		2.Progress Report	✓
2. Prof R R Yadav		3.Statement of expenditure	✓
3.		4.Utilization Certificate	✓
		5. Mandate form	✓



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-850/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Bhupendrakumar Chudasama Deptt. of Physics, Thapar Institute of Engineering & Technology Patiala
2.	Title of the project	Studies on antimicrobial properties of metal and metal oxide nanostructures
3.	Total Allocation	13,75,300/-
4.	Grant Released	9,98,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

NIL

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

Not Required.

3. Comments (If incase not satisfactory, please
indicate 3 reasons)

Satisfactory.

1.	
2.	
3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	YES
1. ASHOK KUMAR NASAWAT		2. Progress Report	YES
2. B. PRADEEP		3. Statement of expenditure	YES
3.		4. Utilization Certificate	YES
		5. Mandate form	YES



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-851/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Mrs. P.S. Sawadh Deptt. of Physics, Bapurao Deshmukh College of Engineering Wardha
2.	Title of the project	Development & Synthesis of magnetic materials for hyperthermia treatment
3.	Total Allocation	14,38,800/-
4.	Grant Released	10,69,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

NIL

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

NIL

3. Comments (If incase not satisfactory, please indicate 3 reasons)

Satisfactory

1.	
2.	
3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. Prof. H.D. KHANNA	[Signature]	2.Progress Report	✓
2. Prof. D.K. SHARMA	[Signature]	3.Statement of expenditure	✓
3.		4.Utilization Certificate	✓
		5. Mandate form	✓

As per the P.I., the 1st installment of grant was not released and hence full grant to be released.



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-852/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Swapan Mandal Deptt. of Physics, Visva-Bharati Santiniketan
2.	Title of the project	Velocity selective coherent systems
3.	Total Allocation	10,06,800/-
4.	Grant Released	6,97,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments (If incase not satisfactory, please
indicate 3 reasons)

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(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	_____
1. Prof. H.D. Khanna	[Signature]	2. Progress Report	_____
2. Prof. D. K. Sengupta	[Signature]	3. Statement of expenditure	_____
3.		4. Utilization Certificate	_____
		5. Mandate form	_____



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

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SUBJECT: Physics

Dated: 12.01.2015

File No. 42-853/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Rajkumar P. Sonekar Deptt. of Physics, G.S. College of Science Arts & Commerce Buldhana
2.	Title of the project	Preparation and characaterisation of UVB emitting inorganic borate iho 'hors for • hototerapy
3.	Total Allocation	13,58,300/-
4.	Grant Released	9,66,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

N I L

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

Excess of expenses in travel be
adjusted from contingency

3. Comments(If incase not satisfactory, please
indicate 3 reasons)

Satisfactory.

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(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	YES
1. ASHOK KUMAR NAGAWAT		2.Progress Report	YES
2. B. PRADEEP		3.Statement of expenditure	YES
3.		4.Utilization Certificate	YES
		5. Mandate form	YES



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-854/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Mr. Prakash Wamanrao Yawalkar Deptt. of Physics, Nabira Mahavidalaya Katol, Nagpur
2.	Title of the project	The study of thermoluminescence and mechanoluminescence characteristics of rare earth activated nanophosphors
3.	Total Allocation	13,25,800/-
4.	Grant Released	9,71,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	1-6-2013
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

N I L

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

N I L

3. Comments(If incase not satisfactory, please indicate 3 reasons)

Satisfactory

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(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature		
1. R.S. TIWARI		1.Details of project fellow	OK
2. B.S. Bhat		2.Progress Report	OK
3. SANJAY PANT		3.Statement of expenditure	OK
		4.Utilization Certificate	OK
		5. Mandate form	OK



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

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SUBJECT: Physics

Dated: 12.01.2015

File No. 42-855/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. S. Moorthy Babu Deptt. of Physics, Anna University Chennai
2.	Title of the project	Development of polymr-Cd'I'e-TiO2 based nano composites for low cost solar cells
3.	Total Allocation	13,25,800/-
4.	Grant Released	9,71,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

NIL

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

NIL

3. Comments(If incase not satisfactory, please
indicate 3 reasons)

Satisfactory

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(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	<input checked="" type="checkbox"/>
1. Prof D. K. DHARAN		2. Progress Report	<input checked="" type="checkbox"/>
2. Prof H. D. KARANNA		3. Statement of expenditure	<input checked="" type="checkbox"/>
3.		4. Utilization Certificate	<input checked="" type="checkbox"/>
		5. Mandate form	<input checked="" type="checkbox"/>



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-856/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Keshav Deo Verma Deptt. of Physics, Sri Varshneya College Aligarh
2.	Title of the project	SHI irradiation induced modifications of functional oxide thin films and nanostructures
3.	Total Allocation	13,55,800/-
4.	Grant Released	10,01,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please
indicate 3 reasons)

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(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	_____
1. Prof. H.D. Sharma	[Signature]	2. Progress Report	_____
2. Prof. P. K. Dhar	[Signature]	3. Statement of expenditure	_____
3.		4. Utilization Certificate	_____
		5. Mandate form	_____



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-857/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Ram Krishna Sarkar Deptt. of Physics, Birla Institute of Technology Mesra, Ranchi
2.	Title of the project	Investigation of coupled optical beam propagation in Nonlinear Media for spatial soliton pair and breather pair formation
3.	Total Allocation	10,56,800/-
4.	Grant Released	7,47,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

N I L .

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

Not Required .

3. Comments(If incase not satisfactory, please
indicate 3 reasons)

Satisfactory

1.	
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(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	YES
1. ASHOK KUMAR NAGAWAT		2.Progress Report	YES
2. B. PRADEEP		3.Statement of expenditure	YES
3.		4.Utilization Certificate	YES
		5. Mandate form	YES



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

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SUBJECT: Physics

Dated: 12.01.2015

File No. 42-858/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. R. Padmavathy Deptt. of Physics, Seethalakshmi Ramaswamy College Trichy
2.	Title of the project	Peptides as probes of molecular interactions in amide solutions - an ultrasonic study
3.	Total Allocation	13,91,800/-
4.	Grant Released	10,07,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	30.4.2013
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

N I L

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

N I L

3. Comments(If incase not satisfactory, please
indicate 3 reasons)

quite satisfactory

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(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature		
1. R. S. Tiwari	R. S. Tiwari	1.Details of project fellow	Yes
2. B. S. Bawa	B. S. Bawa	2. Progress Report	Yes
3. SANJAY PANT	Sanjay Pant	3. Statement of expenditure	Yes
		4. Utilization Certificate	Yes
		5. Mandate form	Yes



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-859/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. E. Jasmine Vasantha Rani Deptt. of Physics, Seethalakshmi Ramaswamy College Trichy
2.	Title of the project	Application of different sonicators on nano particle - polymer interactions
3.	Total Allocation	12,42,800/-
4.	Grant Released	9,03,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

— NIL

3. Comments(If incase not satisfactory, please
indicate 3 reasons)

Satisfactory.

1.	
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3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. Prof. C.D. Lokhande		2.Progress Report	✓
2. Prof. R.R. Yadav		3.Statement of expenditure	✓
3.		4.Utilization Certificate	✓
		5. Mandate form	✓



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

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SUBJECT: Physics

Dated: 12.01.2015

File No. 42-860/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. C. Manoharan Deptt. of Physics, Annamalai University Annamalai Nagar
2.	Title of the project	Fabrication of Dye sensitized solar cells with nanocrystalline ZnO thin films
3.	Total Allocation	11,93,800/-
4.	Grant Released	8,77,300/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	10 June, 2013
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

N I L

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

N I L

3. Comments(If incase not satisfactory, please
indicate 3 reasons)

Satisfactory

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3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	de
1. R. S. Tiwari	R. S. Tiwari	2. Progress Report	de
2. B. S. Bajwa	B. S. Bajwa	3. Statement of expenditure	de
3. SANJAY PANT	Sanjay Pant	4. Utilization Certificate	de
		5. Mandate form	de



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Physics

Dated: 12.01.2015

File No. 42-861/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. M.H. Patel Deptt. of Physics, Vithalbhai Patel and Rajrathan, P.T.Patel Science College Vallabh Vidyanagar
2.	Title of the project	Theoretical investigations of transition metals and their binary alloys using ab-Intio pseudo_ptential theorem
3.	Total Allocation	11,51,800/-
4.	Grant Released	8,35,300/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

NIL

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

NIL

3. Comments (If incase not satisfactory, please indicate 3 reasons)

Satisfactory

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3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	X
1. Prof D K DHAWAN		2.Progress Report	X
2. Prof H.D.KHANNA		3.Statement of expenditure	X
3.		4.Utilization Certificate	X
		5. Mandate form	X

Sanctioned grant was released in Dec 2014. Therefore PI has not submitted any of the documents, because the work has not been started so far. Next grant may be released after the



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

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SUBJECT: Bio-physics

Dated: 12.01.2015

File No. 42-862/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. V. Amouda, Deptt. of Bio-physics, Pondicherry University Puducherry
2.	Title of the project	Computational approach for protein structure prediction using self organizing genetic algorithm
3.	Total Allocation	11,78,300/-
4.	Grant Released	7,26,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

N I L

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

N I L

3. Comments (If incase not satisfactory, please
indicate 3 reasons)

Satisfactory

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3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. Prof. H D KHANNA	[Signature]	2.Progress Report	✓
1. Mrs P. K. DHANNA	[Signature]	3.Statement of expenditure	✓
2.		4.Utilization Certificate	✓
		5. Mandate form	✓



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Bio-physics

Dated: 12.01.2015

File No. 42-863/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. R. Amutha Deptt. of Bio-physics, Pondicherry University Pondicherry
2.	Title of the project	Role of nucleoplamin in the assembly of histone proteins and nucleosomes: a theoretical perspective
3.	Total Allocation	12,43,800/-
4.	Grant Released	9,49,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

N I L

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

N I L

3. Comments (If incase not satisfactory, please
indicate 3 reasons)

Satisfactory

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(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature		
1. Prof. D. K. DHAMAN		✓ 1. Details of project fellow	✓
2. Prof. N. D. Sharma		2. Progress Report	✓
3.		✓ 3. Statement of expenditure	✓
		4. Utilization Certificate	✓
		✓ 5. Mandate form	✓



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

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SUBJECT: Bio-physics

Dated: 12.01.2015

File No. 42-864/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. P. Chellapandi Deptt. of Bio-physics, Bharathidasan University Tiruchirappalli
2.	Title of the project	Metabolic modeling in methanosarcina mazei Go I and its microbila mutualism
3.	Total Allocation	12,16,800/-
4.	Grant Released	8,92,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

N I L

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

N I L

3. Comments (If incase not satisfactory, please
indicate 3 reasons)

Satisfactory

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(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	/
1. Prof. H.D. KHANNA	[Signature]	2.Progress Report	/
2. Prof. D.K. DHALWANI	[Signature]	3.Statement of expenditure	/
3.		4.Utilization Certificate	/
		5. Mandate form	/



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

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SR 106/4 (V)

SUBJECT: Bio-physics

Dated: 12.01.2015

File No. 42-865/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. S.B. Iyyer Deptt. of Bio-physics, Ahmednagar College Ahmednagar
2.	Title of the project	Study and characterization of quartz tuning fork and its use as a force sensor for Scanning probe 1±1 jcipepy_a_pps
3.	Total Allocation	12,16,800/-
4.	Grant Released	8,97,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please indicate 3 reasons)

Satisfactory

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(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. Dr. D. K. DHAWAN	Dr. D. K. DHAWAN	2. Progress Report	✓
2. Prof. H. D. KHANNA	Prof. H. D. KHANNA	3. Statement of expenditure	✓
3.		4. Utilization Certificate	✓
		5. Mandate form	✓



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

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SUBJECT: Bio-physics

Dated: 12.01.2015

File No. 42-866/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. K. Srinivasan Deptt. of Bio-physics, Bharathiar University Coimbatore
2.	Title of the project	Investigation on the Ultrasound assisted control of nucleation, separation, shape, size and single crystalline growth of Alpha lactose monohydrate (a- LM 'ol morphs for food and pharmaceutical applications
3.	Total Allocation	11,98,800/-
4.	Grant Released	8,89,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

NIL

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

NIL

3. Comments(If incase not satisfactory, please indicate 3 reasons)

Satisfactory

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3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature		
1. Prof D.K. DHANAN		1.Details of project fellow	✓
2. Prof. H.D. KITHANA		2.Progress Report	✓
3.		3.Statement of expenditure	✓
		4.Utilization Certificate	✓
		5. Mandate form	✓



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

SUBJECT: Bio-physics

Dated: 12.01.2015

File No. 42-867/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. M. Rajkumar Deptt. of Bio-physics, PSG College of Technology Coimbatore
2.	Title of the project	Hydroxyapatite nanorod/ metal oxides composites for dental filling and bone implant applications
3.	Total Allocation	12,93,300/-
4.	Grant Released	9,76,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

NIL

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

NIL

3. Comments(If incase not satisfactory, please
indicate 3 reasons)

Satisfactory

1.
2.
3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	✓
1. Prof D. DHAWAN	[Signature]	2.Progress Report	✓
2. Prof H D KHANNA	[Signature]	3.Statement of expenditure	✓
3.		4.Utilization Certificate	✓
		5. Mandate form	✓



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

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SUBJECT: Bio-physics

Dated: 12.01.2015

File No. 42-868/2013(SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. S. Narayana Kalkura Deptt. of Bio-physics, Anna University Chennai
2.	Title of the project	Investigation on the pathological depostition of biominerals
3.	Total Allocation	11,13,300/-
4.	Grant Released	7,46,800/-
5.	Date of Implementation	01.04.2013
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

NIL

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

NIL

3. Comments(If incase not satisfactory, please
indicate 3 reasons)

Satisfactory

1.
2.
3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	/
1. Prof H.D. KHANNA	[Signature]	2.Progress Report	/
2. Prof D.K. DHALAN	[Signature]	3.Statement of expenditure	/
3.		4.Utilization Certificate	/
		5. Mandate form	/