

File No. 11/04/2013-NEB
Government of India
Ministry of Science & Technology
Department of Science & Technology

Technology Bhawan,
New Mehrauli Road,
New Delhi 110016

Dated 14/09/2018

ORDER

Sub: Continuation of an Innovation and Entrepreneurship Development Centre (IEDC) at Shirdi Sai Engineering College, Sai Leo nagar, Samandhur(P), Anekal, Bangalore 560106 during 2018-19. 5th year operations.

1. In continuation of this Department's sanction order of even no. dated 22/02/2017, sanction of the President is accorded for the continuation of an Innovation and Entrepreneurship Development Centre (IEDC) at **Shirdi Sai Engineering College, Sai Leo nagar, Samandhur(P), Anekal, Bangalore** at a total cost of Rs.800,000/- (Rupees eight lakh only). The financial assistance to the IEDC from this Department would be available for a maximum period of five years. However, the quantum of assistance and its continuation would be on yearly basis subject to the review of the performance of IEDC by the Department.
2. Sanction of the President is also accorded for the release of grants- in- aid of Rs 8,00,000/- (Rupees eight Lakh only) as the recurring expenditure for the first year of operation of IEDC to **Shirdi Sai Engineering College, Sai Leo nagar, Samandhur(P), Anekal, Bangalore**
3. Head wise break -up of the approved budget is shown below:

Sl No	Items of expenditure	Amount Rs
	Recurring	
1	Student projects (five Nos @ Rs 1.00 Lakhs each)	5,00,000
2	Contingencies (phone fax stationery travel and honorarium to the coordinator of IEDC etc)	3,00,000
3	Total Budget	8,00,000
4.	Amount released	7,50,000

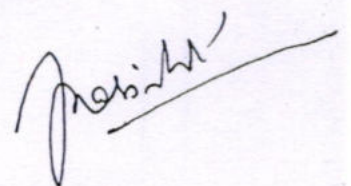
4. The host Institute would appoint a Co-ordination of IEDC immediately to oversee the operations of the IEDC on day to day basis.
5. The coordinator should undergo Faculty Development Programmes (FDP) as early as possible, which is sponsored by the Department and other agencies for developing trainers in entrepreneurship area.

IEDC - Co. Ord.

IEDC mkt

Pranish

6. The manpower employed in the IEDC project would be co-terminus with the duration of the IEDC project and the Department(DST) would have no liability to meet the manpower costs beyond the duration of the project (Vide Order No. A-20020/11/97 IFD dt.16.8.2002). In order to ensure this, IEDC is advised to enter into yearly contract with the persons to be employed under the project.
7. The host institution should also appoint an Advisory Board to be headed by the Principal/Head of the institution to monitor the progress of implementation of the IEDC project and its activities. This Board may advise the host Institute for raising funds from other sources for the IEDC for its activities.
8. This sanction is subject to the condition that the grantee organisation will furnish to the Department of Science & Technology, financial year wise Utilization Certificate (UC) in the proforma prescribed as per GFR 2017 and audited statement of expenditure (SE) along with up to date progress report at the end of each financial year duly reflecting the interest earned / accrued on the grants received under the project. This is also subject to the condition of submission of the final statement of expenditure, utilization certificate and project completion report within one year from the scheduled date of completion of the project.
9. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal besides sending it in physical form to this Division. The subsequent/final instalment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.
10. The grant-in-aid being released is subject to the condition that
 - a) A transparent procurement procedure in line with the Provisions of General Financial Rules 2017 will be followed by the Institute/Organization under the appropriate rules of the grantee organization while procuring capital assets sanctioned for the above mentioned project and certificate to this effect will be submitted by the Grantee organization immediately on receipt of the grant:
 - b) While submitting Utilization Certificate/Statement of Expenditure, the organization has to ensure submission of supporting documentary evidences with regard to purchase of equipment/capital assets as per the provisions of GFR 2017. Subsequent release of grants under the project shall be considered only on receipt of the said documents.
 - c) The grantee organization will maintain separate audited account for the project and the entire amount of grant will be kept in an interest bearing bank account. For Grants released during F.Y. 2018-19 and onwards, all interests and other earnings, against released Grant shall be remitted to Consolidated Fund of India, immediately after finalization of accounts, as it shall not be adjusted towards future release of grant. A certificate to this effect shall have to be submitted along with Statement of Expenditure/Utilization Certificate for considering subsequent release of grant/closure of project accounts"



11. DST reserves sole rights on the assets created out of grants. Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.
12. The account of the grantee organisation shall be open to inspection by the sanctioning authority and audit (both by C&AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organisation is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.
13. Due acknowledgement of technical support / financial assistance resulting from this project grant should mandatorily be highlighted by the grantee organization in bold letters in all publications / media releases as well as in the opening paragraphs of their Annual Reports during and after the completion of the project.
14. Failure to comply with the terms and conditions of the Bond will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.
15. The expenditure involved is debatable to Demand No.84, Department of Science & Technology for the year 2018-19:-

Other Scientific Research (Major Head)

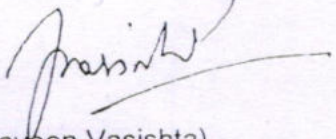
3425	
60	Others
60.200	Assistance to Other Scientific Bodies (Minor Head)
70	Innovation, Technology Development and Deployment
70.00.31	Grants-in-aid General for the year 2018-19 (Plan)
	(Previous : NSTEDB-3425.60.200.08.10.31)

16. The amount of Rs. 7,50,0000/ (Rupees Seven Lakh and fifty thousand only) will be drawn by the drawing and disbursing officer, DST and will be disbursed to (IEDC)) **Shirdi Sai Engineering College, Sai Leo nagar, Samandhur(P), Anekal, Bangalore 2018-19.** The bank details for electronic transfer of fund through RTGS

Name of the Account Holder	Shirdi Sai Engineering College
Name of the Bank	Central Bank of India
Branch Address	Jayanagar Extension Branch 547, New 50/4 & 5, ACH Layout RV road, II Block Jayanagar, Basavangudi Post, Bangalore - 560004
IFSC code	CBIN0281658
Account No.	3261705376
MICR Code	560016020

Pranish

17. As per Rule 234 of GFR 2017, this sanction has been entered at S. No G-68 in the register of grants maintained in the Division for the scheme Innovation, Technology Development and Deployment.
18. This issue with the concurrence of IFD Vide their Concurrence Dy.No. 2699 dated the 13/09/2015


(Naveen Vasishta)
Scientist 'E'

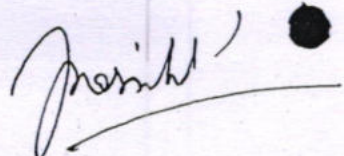
To,

The Pay & Accounts Officer
Department of Science & Technology
New Delhi.

Copy to:

✓ Dr. TV Govindraju
Principal,
Shiridi Sai Engineering College,
Sai Leo Nagar, Samandhur(P), Anekal,
Bangalore - 560 106.

2. Office of the Principal Director & Audit, AGCR Building, III Floor, I.P. Estate, New Delhi-110002.
3. Office of the Accountant General, Karnataka.
4. Head (NEB)/Sanction Folder
5. Cash Section/IFD/Accounts Section


(Naveen Vasishta)
Scientist 'E'

11/04/2013-NEB
Government of India
Ministry of Science & Technology
Department of Science & Technology

Technology Bhawan,
New Mehrauli Road,
New Delhi 110 016.
22/2/2017

ORDER

Sub: Continuation of an Innovation and Entrepreneurship Development Centre (IEDC) at Shirdi Sai Engineering College Karnataka during 2015-16.

In continuation of this Department's sanction order of even no. dated 02/12/2014 , sanction of the President is accorded for the continuation of an Innovation and Entrepreneurship Development Centre (IEDC) at Shirdi Sai Engineering College, Karnataka at a total cost of Rs.800,000/- (Rupees eight lakh only). The financial assistance to the IEDC from this Department would be available for a maximum period of five years. However, the quantum of assistance and its continuation would be on yearly basis subject to the review of the performance of IEDC by the Department.

2. Sanction of the President is also accorded for the release of grants- in- aid of Rs.777,810/- (Rupees Seven lakh seventy seven thousand Eight hundred Ten only) as the recurring expenditure for the 4th year of operation of IEDC to Shirdi Sai Engineering College- Karnataka. Sanction of the President is also accorded for carry forward of Rs. 22,190/- earned as bank interest.

SI No	Items of expenditure	Amount Rs
	Recurring	
1	Student projects (five Nos @ Rs 1.00 lakhs each)	500,000
2	Contingencies (phone fax stationery travel and honorarium to the Co-ordinator of IEDC etc)	300,000
	Less bank interest	22,190
	Net release	777,810

3. The host Institute would appoint a Co-ordination of IEDC immediately to oversee the operations of the IEDC on day to day basis.

Copy to IEDC
1-13

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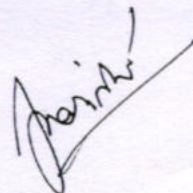
13/03/17

4. The coordinator should undergo Faculty Development Programmes (FDP) as early as possible, which are sponsored by the Department and other agencies for developing trainers in entrepreneurship area.
5. The manpower employed in the IEDC project would be co-terminus with the duration of the IEDC project and the Department(DST) would have no liability to meet the manpower costs beyond the duration of the project (Vide Order No. A-20020/11/97 IFD dt.16.8.2002). In order to ensure this, IEDC is advised to enter into yearly contract with the persons to be employed under the project.
6. The host institution should also appoint an Advisory Board to be headed by the Principal/Head of the institution to monitor the progress of implementation of the IEDC project and its activities. This Board may advice the host Institute for raising funds from other sources for the IEDC for its activities.
7. The Drawing & Disbursing Officer, Department of Science & Technology, shall arrange to pay an amount of Rs.777,810/- (Rupees **Seven lakh seventy seven thousand Eight hundred Ten** only) to Shirdi Sai Engineering College, Sai Leo Nagar, Samandhur(P), nekal, Bangalore 560 106 by means of RTGS as per the details given below :

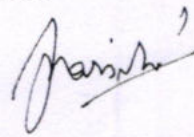
Name of the account holder	Shirdi Sai Engineering College
Name of the Bank	Central Bank of India
Branch Address	Jayanagar Extension Branch 547, New 50/4 &5, ACH Layout, RV road, II Block Jayanagar, Basavangudi post, Bangalore 560004.
IFSC Code	CBIN0281658
Account No.	3261705376
MICR Code	560016020

9. The sanction of this grant is subjected to the terms and condition mentioned in the Annexure.
10. The expenditure is debitable to Demand No. 86-Department of Science & Technology (DST) for the year 2016-17 (Plan):-

3425	Other Scientific Research (Major Head)
60	Other (Sub Major Head)
60.200	Assistance to Other Scientific Bodies (Minor Head)
08	Grants-in-aid for S&T programmes for Socio-economic Development
08.10	Science & Technology Entrepreneurship Development activities
08.10.35	Grants -in -aid General
11. The grantee should submit a six monthly progress report of activities of IEDC to the Department.



12. The grantee will submit the Utilization Certificate and the Statement of Audited expenditure as per the enclosed format of the department after the end of the current F.Y. They may also forward the budget for the next F.Y. along with it after the approval of the competent authority/monitoring committee.
13. As per Rule 211(1) of GFRs, the accounts of all grantee institutions shall be open to inspection by the sanctioning authority audit whenever the institution is called upon to do so.
14. This issues with the approval of Integrated Finance Division, Department of Science & Technology vide their sanction no.c/ 5748/IFD/2015-16 dated 22 /02/2017.
15. The sanction order has been entered in the sanction order register as per GFR-39 at Sl. No. 191 of the register.
16. The institute will maintain separate audited accounts for the project and the amount of grant will be kept in a bank account earning interest. The interest earned should be reported to DST while submitting the statement of Expenditure/Utilization Certificate. The interest thus earned will be treated as a credit to the institute be adjusted towards further installment of the grant.
17. It is certified that no UC is pending from the grantee in regards to the grants-in-aid released under the programme.


(Naveen Vasishta)
Scientist E

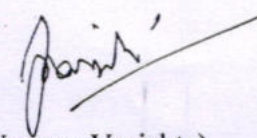
To,

The Pay & Accounts Officer
Department of Science & Technology
New Delhi.

Copy to:

✓ 1. Dr. TV Govindraju
Principal,
Shiridi Sai Engineering College,
Sai Leo Nagar, Samandhur(P), Anekal,
Bangalore - 560 106.

2. Office of the Principal Director & Audit, AGCR Building, III Floor, I.P. Estate, New Delhi-110002.
3. Office of the Accountant General, Karnataka.
4. Head (NEB)/Sanction Folder
5. Cash Section/IFD/Accounts Section


(Naveen Vasishta)
Scientist E

11/04/2013-NEB
Government of India
Ministry of Science & Technology
Department of Science & Technology

Technology Bhawan,
New Mehrauli Road,
New Delhi 110 016.
Date: 29/02/2016

ORDER

Sub: Continuation of an Innovation and Entrepreneurship Development Centre (IEDC) at Shirdi Sai Engineering College- Karnataka during 2015-16.

In continuation of this Department's sanction order of even no. dated 02/12/2014, sanction of the President is accorded for the continuation of an Innovation and Entrepreneurship Development Centre (IEDC) at Shirdi Sai Engineering College, Karnataka at a total cost of Rs.800,000/- (Rupees eight lakh only). The financial assistance to the IEDC from this Department would be available for a maximum period of five years. However, the quantum of assistance and its continuation would be on yearly basis subject to the review of the performance of IEDC by the Department.

2. Sanction of the President is also accorded for the release of grants- in- aid of Rs.777,051/- (Rupees seven lakh seventy seven thousand fifty one only) as the recurring expenditure for the 3rd year of operation of IEDC to Shirdi Sai Engineering College- Karnataka. Sanction of the President is also accorded for c/f of Rs. 22,949/- earned as bank interest.

SI No	Items of expenditure	Amount Rs
	Recurring	
1	Student projects (five Nos @ Rs 1.00 lakhs each)	500,000
2	Contingencies (phone fax stationery travel and honorarium to the Co-ordinator of IEDC etc)	300,000
	Less bank interest	22,949
	Net release	777,051

3. The host Institute would appoint a Co-ordination of IEDC immediately to oversee the operations of the IEDC on day to day basis.
4. The coordinator should undergo Faculty Development Programmes (FDP) as early as possible, which are sponsored by the Department and other agencies for developing trainers in entrepreneurship area.

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- *copy + 5.0*
- *copy to the ... letter*
- *Amount deposited in K*
- *same*

5. The manpower employed in the IEDC project would be co-terminus with the duration of the IEDC project and the Department(DST) would have no liability to meet the manpower costs beyond the duration of the project (Vide Order No. A-20020/11/97 IFD dt.16.8.2002). In order to ensure this, IEDC is advised to enter into yearly contract with the persons to be employed under the project.

6. The host institution should also appoint an Advisory Board to be headed by the Principal/Head of the institution to monitor the progress of implementation of the IEDC project and its activities. This Board may advise the host Institute for raising funds from other sources for the IEDC for its activities.

7. The Drawing & Disbursing Officer, Department of Science & Technology, shall arrange to pay an amount of Rs.777,051/- (Rupees **seven lakh seventy seven thousand fifty one** only) to Shirdi Sai Engineering College, Sai Leo Nagar, Samandhur(P), nekal, Bangalore 560 106 by means of RTGS as per the details given below :

Name of the account holder	Shirdi Sai Engineering College
Name of the Bank	Central Bank of India
Branch Address	Jayanagar Extension Branch 547, New 50/4 &5, ACH Layout, RV road, II Block Jayanagar, Basavangudi post, Bangalore 560004.
IFSC Code	CBIN0281658
Account No.	3261705376
MICR Code	560016020

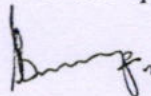
9. The sanction of this grant is subjected to the terms and condition mentioned in the Annexure.

10. The expenditure is debitable to Demand No. 86-Department of Science & Technology (DST) for the year 2015-16 (Plan):-

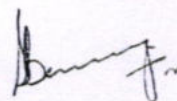
3425 Other Scientific Research (Major Head)
60 Other (Sub Major Head)
60.200 Assistance to Other Scientific Bodies (Minor Head)
08 Grants-in-aid for S&T programmes for Socio-economic Development
08.11 Science & Technology Entrepreneurship Development activities
08.10.31 Grants -in -aid General

11. The grantee should submit a six monthly progress report of activities of IEDC to the Department.

12. The grantee will submit the Utilization Certificate and the Statement of Audited expenditure as per the enclosed format of the department after the end of the current F.Y. They may also forward the budget for the next F.Y. along with it after the approval of the competent authority/monitoring committee.



13. As per Rule 211(1) of GFRs, the accounts of all grantee institutions shall be open to inspection by the sanctioning authority audit whenever the institution is called upon to do so.
14. This issues with the approval of Integrated Finance Division, Department of Science & Technology vide their sanction no.c/5474 /IFD/2015-16 dated 22/02/2016.
15. The sanction order has been entered in the sanction order register as per GFR-39 at Sl.No175 of the register.
16. The institute will maintain separate audited accounts for the project and the amount of grant will be kept in a bank account earning interest. The interest earned should be reported to DST while submitting the statement of Expenditure/Utilization Certificate. The interest thus earned will be treated as a credit to the institute be adjusted towards further installment of the grant.
17. It is certified that no UC is pending from the grantee in regards to the grants-in-aid released under the programme.



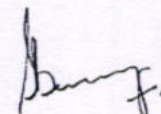
Sujit Banerjee
Scientist F

To,

The Pay & Accounts Officer
Department of Science & Technology
New Delhi.

Copy to:

- ✓ 1. Dr. TV Govindraju
Principal,
Shiridi Sai Engineering College,
Sai Leo Nagar, Samandhur(P), Anekal,
Bangalore - 560 106.
2. Office of the Principal Director & Audit, AGCR Building, III Floor, I.P. Estate, New Delhi-110002.
3. Office of the Accountant General, Karnataka.
4. Head (NEB)/Sanction Folder
5. Cash Section/IFD/Accounts Section



(Sujit Banerjee)
Scientist F

11/04/2013-NEB
Government of India
Ministry of Science & Technology
Department of Science & Technology

Technology Bhawan,
New Mehrauli Road,
New Delhi 110 016
Date: 02/12/2014

ORDER

Sub: Continuation of an Innovation and Entrepreneurship Development Centre (IEDC) at Shirdi Sai Engineering College- Karnataka during 2014-15.

In continuation of this Department's sanction order of even no. dated 12/07/2013, sanction of the President is accorded for the continuation of an Innovation and Entrepreneurship Development Centre (IEDC) at Shirdi Sai Engineering College, Karnataka at a total cost of Rs.800,000/- (Rupees eight lakh only). The financial assistance to the IEDC from this Department would be available for a maximum period of five years. However, the quantum of assistance and its continuation would be on yearly basis subject to the review of the performance of IEDC by the Department.

2. Sanction of the President is also accorded for the release of grants- in- aid of Rs.764,787/- (Rupees seven lakh sixty four thousand seven hundred eighty seven only) as the recurring expenditure for the 2nd year of operation of IEDC to Shirdi Sai Engineering College- Karnataka. Sanction of the President is also accorded for c/f of Rs.35,213/- earned as bank interest.

Sl No	Items of expenditure	Amount Rs
	Recurring	
1	Student projects (five Nos @ Rs 1.00 lakhs each)	500,000
2	Contingencies (phone fax stationery travel and honorarium to the Co-ordinator of IEDC etc)	300,000
	Less bank interest	35,213
	Net release	764,787

3. The host Institute would appoint a Co-ordination of IEDC immediately to oversee the operations of the IEDC on day to day basis.

[Signature]

IEDC - *[Signature]*

IEDC - *[Signature]*

[Signature]

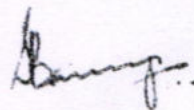
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[Signature]

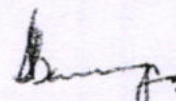
4. The coordinator should undergo Faculty Development Programmes (FDP) as early as possible, which are sponsored by the Department and other agencies for developing trainers in entrepreneurship area.
5. The manpower employed in the IEDC project would be co-terminus with the duration of the IEDC project and the Department(DST) would have no liability to meet the manpower costs beyond the duration of the project (Vide Order No. A-20020/11/97 IFD dt.16.8.2002). In order to ensure this, IEDC is advised to enter into yearly contract with the persons to be employed under the project.
6. The host institution should also appoint an Advisory Board to be headed by the Principal/Head of the institution to monitor the progress of implementation of the IEDC project and its activities. This Board may advise the host Institute for raising funds from other sources for the IEDC for its activities.
7. The Drawing & Disbursing Officer, Department of Science & Technology, shall arrange to pay an amount of Rs.764,787/- (Rupees seven lakh sixty four thousand seven hundred eighty seven only) to Shirdi Sai Engineering College, Sai Leo Nagar, Samandhur(P), nekal, Bangalore 560 106 by means of RTGS as per the details given below :

Name of the account holder	Shirdi Sai Engineering College
Name of the Bank	Central Bank of India
Branch Address	Jayanagar Extension Branch 547, New 50/4 & 5, ACH Layout, RV road, II Block Jayanagar, Basavangudi post, Bangalore 560004
IFSC Code	CBIN0281658
Account No.	3261705376
MICR Code	560016020

9. The sanction of this grant is subjected to the terms and condition mentioned in the Annexure.
10. The expenditure is debitale to Demand No. 86-Department of Science & Technology (DST) for the year 2014-15 (Plan):-
 - 3425 Other Scientific Research (Major Head)
 - 60 Other (Sub Major Head)
 - 60.200 Assistance to Other Scientific Bodies (Minor Head)
 - 08 Grants-in-aid for S&T programmes for Socio-economic Development
 - 08.10 Science & Technology Entrepreneurship Development activities
 - 08.10.31 Grants -in -aid General
11. The grantee should submit a six monthly progress report of activities of IEDC to the Department.



12. The grantee will submit the Utilization Certificate and the Statement of Audited expenditure as per the enclosed format of the department after the end of the current F.Y. They may also forward the budget for the next F.Y. along with it after the approval of the competent authority/monitoring committee.
13. As per Rule 211(1) of GFRs, the accounts of all grantee institutions shall be open to inspection by the sanctioning authority audit whenever the institution is called upon to do so.
14. This issues with the approval of Integrated Finance Division, Department of Science & Technology vide their sanction no.c/4560/IFD/2014-15 dated 21/11/14.
15. The sanction order has been entered in the sanction order register as per GFR-39 at SI No. 127 of the register.
16. The institute will maintain separate audited accounts for the project and the amount of grant will be kept in a bank account earning interest. The interest earned should be reported to DST while submitting the statement of Expenditure/Utilization Certificate. The interest thus earned will be treated as a credit to the institute be adjusted towards further installment of the grant.
17. It is certified that no UC is pending from the grantee in regards to the grants-in-aid released under the programme.

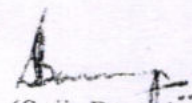

Sujit Banerjee
Scientist F

To,

The Pay & Accounts Officer
Department of Science & Technology
New Delhi.

Copy to:

1. Dr. TV Govindraju
Principal,
Shiridi Sai Engineering College,
Sai Leo Nagar, Samandhur(P), Anekal,
Bangalore - 560 106.
2. Office of the Principal Director & Audit, AGCR Building, III Floor, I.P. Estate, New Delhi-110002.
3. Office of the Accountant General, Karnataka.
4. Head (NEB)/Sanction Folder
5. Cash Section/IFD/Accounts Section


(Sujit Banerjee)
Scientist F

11/04/2013-NEB (C)
Government of India
Ministry of Science & Technology
Department of Science & Technology

Technology Bhawan,
New Mehrauli Road,
New Delhi 110 016.

10/07/2013

ORDER

Sub: Establishment of an Innovation and Entrepreneurship Development Centre (IEDC) at Shirdi Sai Engineering College, Sai Leo nagar, Samandhur(P), Anekal, Bangalore 560 106 during 2013-14.

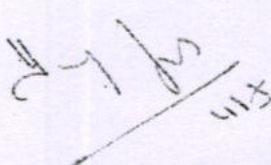

Sanction of the President is accorded for the establishment of an Innovation and Entrepreneurship Development Centre (IEDC) at Shirdi Sai Engineering College, Sai Leo nagar, Samandhur(P), Anekal, Bangalore 560 106 at a total cost of Rs 13,30,000/- (Rupees thirteen lakhs thirty thousand only). Sanction of the President is also accorded for the release of an amount of Rs 530,000/- (Rupees Five lakh thirty thousand only) as one time non-recurring (capital) grants. The recurring financial assistance to the IEDC from this Department would be available for a maximum period of five years. However, the quantum of assistance and its continuation would be on yearly basis subject to the review of the performance of IEDC by the Department.

2. The host Institute would appoint a Co-ordination of IEDC immediately to oversee the operations of the IEDC on day to day basis.

3. The coordinator should undergo Faculty Development Programmes (FDP) as early as possible, which are sponsored by the Department and other agencies for developing trainers in entrepreneurship area.

4. The manpower employed in the IEDC project would be co-terminus with the duration of the IEDC project and the Department(DST) would have no liability to meet the manpower costs beyond the duration of the project (Vide Order No. A-20020/11/97 IFD dt.16.8.2002). In order to ensure this, IEDC is advised to enter into yearly contract with the persons to be employed under the project.

5. The host institution should also appoint an Advisory Board to be headed by the Principal/Head of the institution to monitor the progress of implementation of the IEDC project and its activities. This Board may advise the host Institute for raising funds from other sources for the IEDC for its activities.



6. The Drawing & Disbursing Officer, Department of Science & Technology, shall arrange to release an amount of Rs. 530,000/- (Rupees five lakhs thirty thousand only) to Shirdi Sai Engineering College, Sai Leo nagar, Samandhur(P), Anekal, Bangalore 560 106 by means of RTGS as per the following details given below -

Name of the Account Holder	Shirdi Sai Engineering College
Name of the Bank	Central Bank of India
Branch Address	Jayanagar Extension Branch 547, New 50/4 & 5, ACH Layout RV road, II Block Jayanagar, Basavangudi Post, Bangalore - 560004
IFSC code	CBIN0281658
Account No.	3261705376
MICR Code	560016020

7. The sanction of this grant is subjected to the terms and condition mentioned in the Annexure.

8. The expenditure is debitable to Demand No. 85-Department of Science & Technology (DST) for the year 2013-14 (Plan):-

- 3425 Other Scientific Research (Major Head)
- 60 Other (Sub Major Head)
- 60.200 Assistance to Other Scientific Bodies (Minor Head)
- 08 Grants-in-aid for S&T programmes for Socio-economic Development
- 08.10 Science & Technology Entrepreneurship Development activities
- 08.10.35 Grants for creation of capital assets

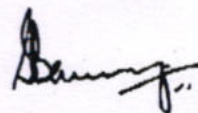
9. The grantee should submit a six monthly progress report of activities of IEDC to the Department.

10. The grantee will submit the Utilization Certificate and the Statement of Audited expenditure as per the enclosed format of the department after the end of the current F.Y. They may also forward the budget for the next F.Y. along with it after the approval of the competent authority/monitoring committee.

11. As per Rule 211(1) of GFRs, the accounts of all grantee institutions shall be open to inspection by the sanctioning authority audit whenever the institution is called upon to do so.

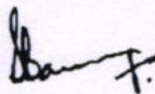
12. This issues with the approval of Integrated Finance Division, Department of Science & Technology vide their sanction no.100/TFD/2413/2013-14 dated 10/07/2013.

13. The sanction order has been entered in the sanction order register as per GFR-39 at Sl.No. of the register.



14. "The Institute will maintain separate audited accounts for the project and the amount of grant will be kept in a bank account earning interest. The interest earned should be reported to DST while submitting the Statement of Expenditure/Utilization Certificate. The interest thus earned will be treated as a credit to the institute to be adjusted towards further installment of the grant".

15. It is certified that no UC is pending from the grantee in regards to the grants-in-aid released under the programme.

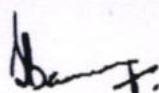

(Sujit Banerjee)
Scientist F

To,

The Pay & Accounts Officer
Department of Science & Technology
New Delhi.

Copy to:

1. Dr TV Govindraju,
Principal,
Shirdi Sai Engineering College,
Sai Leo nagar,
Samandhur(P), Anekal,
Bangalore 560 106
2. Office of the Principal Director & Audit, AGCR Building, III Floor, I.P. Estate,
New Delhi-110002.
3. Office of the Accountant General, Karnataka
4. Head (NEB)/Sanction Folder
5. Cash Section/IFD/Accounts Section


(Sujit Banerjee)
Scientist F

11/04/2013-NEB(G)
Government of India
Ministry of Science & Technology
Department of Science & Technology

Technology Bhawan,
New Mehrauli Road,
New Delhi 110 016.
12.07.2013

ORDER

Sub: Establishment of an Innovation and Entrepreneurship Development Centre (IEDC) at Shirdi Sai Engineering College, Bangalore during 2013-14.

Sanction of the President is accorded for the establishment of an Innovation and Entrepreneurship Development Centre (IEDC) at Shirdi Sai Engineering College, Bangalore at a total cost of Rs 13,30,000/- (Rupees thirteen lakhs thirty thousand only). The financial assistance to the IEDC from this Department would be available for a maximum period of five years. However, the quantum of assistance and its continuation would be on yearly basis subject to the review of the performance of IEDC by the Department.

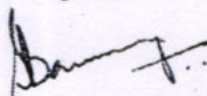
2. Sanction of the President is also accorded for the release of grants- in- aid of Rs 800,000/- (Rupees eight lakh only) as the recurring expenditure for the first year of operation of IEDC to Shirdi Sai Engineering College, Bangalore.

3. Head wise break –up of the approved budget is shown below:

Sl No	Items of expenditure	Amount Rs
	Recurring	
1	Student projects (five Nos @ Rs 1.00 lakhs each)	5,00,000
2	Contingencies (phone fax stationery travel and honorarium to the Co-ordinator of IEDC etc)	3,00,000
	Total	8,00,000

4. The host Institute would appoint a Co-ordination of IEDC immediately to oversee the operations of the IEDC on day to day basis.

5. The coordinator should undergo Faculty Development Programmes (FDP) as early as possible, which are sponsored by the Department and other agencies for developing trainers in entrepreneurship area.



6. The manpower employed in the IEDC project would be co-terminus with the duration of the IEDC project and the Department(DST) would have no liability to meet the manpower costs beyond the duration of the project (Vide Order No. A-20020/11/97 IFD dt.16.8.2002). In order to ensure this, IEDC is advised to enter into yearly contract with the persons to be employed under the project.

7. The host institution should also appoint an Advisory Board to be headed by the Principal/Head of the institution to monitor the progress of implementation of the IEDC project and its activities. This Board may advise the host Institute for raising funds from other sources for the IEDC for its activities.

8. The Drawing & Disbursing Officer, Department of Science & Technology, shall arrange to release an amount of Rs. 8,00,000/-(Rupees eight lakh only) to Shirdi Sai Engineering College, Sai Leo nagar, Samandhur(P), Anekal, Bangalore 560 106 by means of RTGS as per the following details given below.

Name of the Account Holder	Shirdi Sai Engineering College
Name of the Bank	Central Bank of India
Branch Address	Jayanagar Extension Branch 547, New 50/4 & 5, ACH Layout RV road, II Block Jayanagar, Basavangudi Post, Bangalore - 560004
IFSC code	CBIN0281658
Account No.	3261705376
MICR Code	560016020

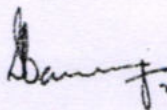
9. The sanction of this grant is subjected to the terms and condition mentioned in the Annexure.

10. The expenditure is debitable to Demand No. 85-Department of Science & Technology (DST) for the year 2013-14 (Plan):-

3425 Other Scientific Research (Major Head)
60 Other (Sub Major Head)
60.200 Assistance to Other Scientific Bodies (Minor Head)
08 Grants-in-aid for S&T programmes for Socio-economic Development
08.10 Science & Technology Entrepreneurship Development activities
08.10.31 Grants -in -aid (General)

11. The grantee should submit a six monthly progress report of activities of IEDC to the Department.

12. The grantee will submit the Utilization Certificate and the Statement of Audited expenditure as per the enclosed format of the department after the end of the current F.Y. They may also forward the budget for the next F.Y. along with it after the approval of the competent authority/monitoring committee.



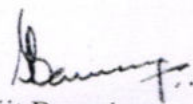
13. As per Rule 211(1) of GFRs, the accounts of all grantee institutions shall be open to inspection by the sanctioning authority audit whenever the institution is called upon to do so.

14. This issues with the approval of Integrated Finance Division, Department of Science & Technology vide their sanction no.100/IFD/2303/2013-14 dated 04/07/2013.

15. The sanction order has been entered in the sanction order register as per GFR-39 at Sl.No. 65 of the register.

16. **"The Institute will maintain separate audited accounts for the project and the amount of grant will be kept in a bank account earning interest.** The interest earned should be reported to DST while submitting the Statement of Expenditure/Utilization Certificate. The interest thus earned will be treated as a credit to the institute to be adjusted towards further installment of the grant".

17. It is certified that no UC is pending from the grantee in regards to the grants-in-aid released under the programme.


Sujit Banerjee
Scientist F


To,

The Pay & Accounts Officer
Department of Science & Technology
New Delhi.

Copy to:

✓ 1. Dr TV Govindraju,
Principal,
Shirdi Sai Engineering College,
Sai Leo nagar,
Samandhur(P), Anekal,
Bangalore 560 106

2. Office of the Principal Director & Audit, AGCR Building, III Floor, I.P. Estate, New Delhi-110002.
3. Office of the Accountant General, Karnataka.
4. Head (NEB)/Sanction Folder
5. Cash Section/IFD/Accounts Section


(Sujit Banerjee)
Scientist F

11/04/2013-NEB (C)
Government of India
Ministry of Science & Technology
Department of Science & Technology

Technology Bhawan,
New Mehrauli Road,
New Delhi 110 016.

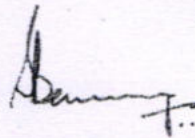
12/07/2013

ORDER

Sub: Establishment of an Innovation and Entrepreneurship Development Centre (IEDC) at Shirdi Sai Engineering College, Sai Leo nagar, Samandhur(P), Anekal, Bangalore 560 106 during 2013-14.

Sanction of the President is accorded for the establishment of an Innovation and Entrepreneurship Development Centre (IEDC) at Shirdi Sai Engineering College, Sai Leo nagar, Samandhur(P), Anekal, Bangalore 560 106 at a total cost of Rs 13,30,000/- (Rupees thirteen lakhs thirty thousand only). Sanction of the President is also accorded for the release of an amount of Rs 530,000/- (Rupees Five lakh thirty thousand only) as one time non-recurring (capital) grants. The recurring financial assistance to the IEDC from this Department would be available for a maximum period of five years. However, the quantum of assistance and its continuation would be on yearly basis subject to the review of the performance of IEDC by the Department.

2. The host Institute would appoint a Co-ordination of IEDC immediately to oversee the operations of the IEDC on day to day basis.
3. The coordinator should undergo Faculty Development Programmes (FDP) as early as possible, which are sponsored by the Department and other agencies for developing trainers in entrepreneurship area.
4. The manpower employed in the IEDC project would be co-terminus with the duration of the IEDC project and the Department(DST) would have no liability to meet the manpower costs beyond the duration of the project (Vide Order No. A-20020/11/97 IFD dt.16.8.2002). In order to ensure this, IEDC is advised to enter into yearly contract with the persons to be employed under the project.
5. The host institution should also appoint an Advisory Board to be headed by the Principal/Head of the institution to monitor the progress of implementation of the IEDC project and its activities. This Board may advise the host Institute for raising funds from other sources for the IEDC for its activities.



M.R.
12/7/13

6. The Drawing & Disbursing Officer, Department of Science & Technology, shall arrange to release an amount of Rs. 530,000/- (Rupees five lakhs thirty thousand only) to Shirdi Sai Engineering College, Sai Leo nagar, Samandhur(P), Anekal, Bangalore 560 106 by means of RTGS as per the following details given below -

Name of the Account Holder	Shirdi Sai Engineering College
Name of the Bank	Central Bank of India
Branch Address	Jayanagar Extension Branch 547, New 50/4 & 5, ACH Layout RV road, II Block Jayanagar, Basavangudi Post, Bangalore - 560004
IFSC code	CBIN0281658
Account No.	3261705376
MICR Code	560016020

7. The sanction of this grant is subjected to the terms and condition mentioned in the Annexure.

8. The expenditure is debitale to Demand No. 85-Department of Science & Technology (DST) for the year 2013-14 (Plan):-

3425 Other Scientific Research (Major Head)
60 Other (Sub Major Head)
60.200 Assistance to Other Scientific Bodies (Minor Head)
08 Grants-in-aid for S&T programmes for Socio-economic Development
08.10 Science & Technology Entrepreneurship Development activities
08.10.35 Grants for creation of capital assets

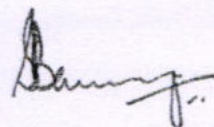
9. The grantee should submit a six monthly progress report of activities of IEDC to the Department.

10. The grantee will submit the Utilization Certificate and the Statement of Audited expenditure as per the enclosed format of the department after the end of the current F.Y. They may also forward the budget for the next F.Y. along with it after the approval of the competent authority/monitoring committee.

11. As per Rule 211(1) of GFRs, the accounts of all grantee institutions shall be open to inspection by the sanctioning authority audit whenever the institution is called upon to do so.

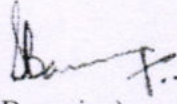
12. This issues with the approval of Integrated Finance Division, Department of Science & Technology vide their sanction no.100/IFD/2413/2013-14 dated 10/07/2013.

13. The sanction order has been entered in the sanction order register as per GFR-39 at Sl.No. 66 of the register.



14. "The Institute will maintain separate audited accounts for the project and the amount of grant will be kept in a bank account earning interest. The interest earned should be reported to DST while submitting the Statement of Expenditure/Utilization Certificate. The interest thus earned will be treated as a credit to the institute to be adjusted towards further installment of the grant".

15. It is certified that no UC is pending from the grantee in regards to the grants-in-aid released under the programme.


(Sujit Banerjee)
Scientist F

To,

The Pay & Accounts Officer
Department of Science & Technology
New Delhi.

Copy to:

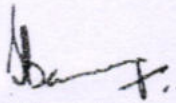
✓ 1. Dr TV Govindraju,
Principal,
Shirdi Sai Engineering College,
Sai Leo nagar,
Samandhur(P), Anekal,
Bangalore 560 106

2. Office of the Principal Director & Audit, AGCR Building, III Floor, I.P. Estate,
New Delhi-110002.

3. Office of the Accountant General, Karnataka

4. Head (NEB)/Sanction Folder

5. Cash Section/IFD/Accounts Section


(Sujit Banerjee)
Scientist F

3.1.1 & 3.1.3
**GRANTS FOR RESEARCH
PROJECT**
&
**AVERAGE NUMBER OF
RESEARCH PROJECTS PER
TEACHER**



Content

3.1.3 Number of research projects per teacher funded by government and non-government agencies during last five years

SL.NO	ACADEMIC YEAR	DOCUMENT	NUMBER OF FUNDED PROJECTS
1	2017-18	i)Sanction letter from Funded Agency ii) Sanctioned Cheque	19
2	2016-17	i)Sanction letter from Funded Agency ii) Sanctioned Cheque	8
3	2015-16	i)Sanction letter from Funded Agency ii) Sanctioned Cheque	7
4	2014-15	i)Sanction letter from Funded Agency ii) Sanctioned Cheque	8
5	2013-14	i)Sanction letter from Funded Agency ii) Sanctioned Cheque	7


Co-ordinator



Sri SAIRAM
COLLEGE OF ENGINEERING

ISO 9001 : 2008 Certified Institution

Approved by AICTE, New Delhi

Recognised by Govt. of Karnataka & Affiliated to VTU, Belagavi

Anekal, Bengaluru

Criterion III – Research, Innovations And Extension					
3.1 Resource Mobilization For Research					
3.1.1 Grants For Research Project Sponsored By The Non-Government Sources Such As Industry, Corporate Houses, International Bodies, Endowments, Chairs In The Institution During The Last Five Years(3)					
Name Of The Project/ Endowments, Chairs	Name Of The Principal Investigator	Department Of Principal Investigator	Year Of Award	Funds Provided	Duration Of The Project
Development of AMB by incorporating smart machine state of the art of the technique to achieve safety and reliability	Dr. Y. Vijayakumar	Mech	5 th May 2012	850000	2 Years
Fabrication of multi seater solar vehicle	Mr. Muthuvel	Mech	31 st July 2016	600000	13 months

Sieger Technologies

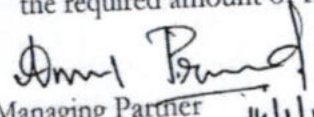
Plot No.814, Survey No.229 to 246, Block No.4, B N Reddy Nagar, Cherlapally, Hyderabad - 500051
E-mail: siegertechnology@gmail.com Contact: 91+9494887725,7893418971

Memorandum of Understanding Between Sieger Technologies and Sri Sai Ram College of Engineering, Chennai.

Note: In the whole document "Sieger Technologies" shall be referred as "Promisor" and "Sri Sai Ram College of Engineering" shall be referred as "Promisee" from here onwards.

Subject: This MoU lists down the set of agreements between both promisor and promisee in regard of Solar Vehicle for the event ESVC'17.

1. The solar vehicle required for the participation by promisee shall be designed, fabricated and will be lent by the promisor.
2. The promisee will not have any legal rights over the solar vehicle and should return the vehicle after the stipulated period of time intact.
3. The promisee should get the duty exemption certificate in order to buy the parts from other countries.
4. The promisee should buy the motor required for the vehicle, however the promisor will purchase the battery.
5. Any repairs for the damages caused to the vehicle during the lease period shall be borne by the promisee.
6. The promisee shall portray the vehicle as their own design in the period of event only.
7. The promisor shall not make any claims over the prize money won using this solar vehicle.
8. Any Kind of technical details of the vehicle shared to the promisee are to be destroyed immediately after the termination of the MoU Period.
9. The promisor shall refer the promisee as "Educational Partner" and use the details of the promisee (such as logos, branding, etc.) from the date of signing the MoU.
10. The promisee shall arrange for a summer internship program in their college and bring up the required amount of registrations to conduct the program successfully.


Managing Partner
ANJAN PRASAD
Sieger Technologies

14/1/17



Visvesvaraya Technological University

"Jnana Sangama",
Belgaum - 590 018, Karnataka State

Prof. S. A. Kori, M.Tech. Ph.D. FIE
Registrar

Phone : (0831) 2405468
Fax : (0831) 2405467

Ref. No VTU / Aca. / 2011-12 / A-4 / 765

Date: 5 MAY 2012

To,
The Principal,
Shirdi Sai Engineering College,
BANGALORE - 562 106

Sir,

Sub: Financial Assistance under VTU Research Grants Scheme for the Research project entitled "Development of AMB by incorporating Smart Machine state of the art technique to achieve safety and reliability" submitted by Mr. Pradeep B. Jyoti - Principal Investigator and Dr. N. R. Ramesh - Co-Investigator reg.,

Ref: 1. VTU/Aca/2010-11/A-4/14225 dated: 14-01-2011
2. E.C Resolution No. 8.9, 98th Meeting of VTU, Belgaum dated: 29-10-2011

With reference to the above subject, the project proposal entitled "Development of AMB by incorporating Smart Machine state of the art technique to achieve safety and reliability" submitted by Mr. Pradeep B. Jyoti - Principal Investigator and Dr. N. R. Ramesh - Co-Investigator, Department of E & E and Mechanical Engineering of your institution is sanctioned with a grant of ₹ 08.50 lakhs (Rupees Eight lakhs fifty thousand only) for a period of 2 years.

The details of grant for which the total allocation of ₹ 08.50 lakhs are as follows:

Expenditure details (Rs. in lakhs)	Year I	Year II	Total
Equipment/Fabrication:			
1. Fabrication of Active Magnetic Bearing			
2. Power amplified (Make ABB Ltd)			
3. DSP processor (Texas Instruments)	07.75	-	07.75
4. ADC/DAC units (Texas Instruments)			
5. Gap sensors (Capacitec-make)			
6. Retainer Bearing (SKF/Alternate)			
7. Drive Motor			
8. Mechanical coupling and fittings			
Recurring Expenditure:			
ICBT and Signal conditioning Units	0.25	0.50	0.75
Total:	08.00	0.50	08.50

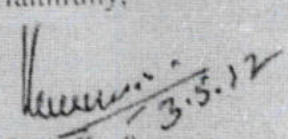
The sanction of the grant is subject to the following conditions:

- 1) The grant will be released in the name of the Principal of the institution.
- 2) The research activities will be evaluated by the evaluation committee constituted by VTU at the end of every year after commencement of the project, apart from periodic review.
- 3) The grant shall be utilized for the purpose for which it has been sanctioned. Mixing of heads of expenditure mentioned in the table is not allowed.
- 4) Funds for subsequent years shall be released on satisfactory progress and submission of half yearly Progress Report by the PI. Audited Statement of Accounts and Utilization Certificate duly certified by the financial authority of the institute and by the Chartered Accountant for each financial year are required to be submitted through the Principal of the institution to the undersigned. Excess expenditure, beyond sanctioned grants shall be the responsibility of the grantee institution.
- 5) The date of receipt of the first installment of the grant would be reckoned as the date of commencement of the project.
- 6) A separate account for the sanctioned grant would be maintained by the institute. On completion of the project, the unspent money along with Closure Report (soft & hard copies of detailed report) shall be submitted to the undersigned within 3 months of completion of the project.
- 7) Any correspondence by the Investigators to the Registrar of VTU shall be routed through the Principal of the grantee institution.
- 8) The grantee institution has to abide by the rules and regulations of VTU research grant scheme enclosed.

You are requested to send the letter of acceptance of the grant immediately.

Thanking you,

Yours faithfully,


(Prof. S. A. Kori)
REGISTRAR

Encl.: 1) Rules for VTU Research Grants Scheme.
2) Form of Utilization Certificate.



Visvesvaraya Technological University
"Jnana Sangama", Belgaum - 590 018, Karnataka State

Prof. S. A. Kori, M.Tech., Ph.D., FIE
Registrar

Phone : (0831) 2405468

Fax : (0831) 2405467

Ref No VTU / Aca. / 2012-13 / A-9 / 6395

Date: 0 SEP 2012

To.

The Principal,

Shirdi Sai Engineering College,

BANGALORE

Sir.

Sub: VTU Research Grants Scheme 2011-2012 reg.,

Ref: No. VTU/Aca./2011-12/A-9/765 dated: 05-05-2012

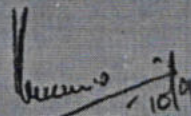


With reference to the above subject, please find enclosed herewith the D.D. No. 096122 dated: 04-09-2012 for Rs. 8.00 lakhs (Rupees Eight Lakhs only) as the grant for the 1st year of research for the project proposal titled "Development of AMB by incorporating Smart Machine state of the art technique to achieve safety and reliability" submitted by Mr. Pradeep B. Jyoti (PI) and Dr. T. V. Govindaraju (CoI). Further, the grants released should be utilized as per the expenditure heads mentioned in the sanction letter referred above.

You are informed to acknowledge the receipt of the D.D.

Thanking you,

Yours faithfully,

Encl: As above.


REGISTRAR



Copy to:

1/ Mr. Pradeep B. Jyoti (PI), Dept. of E & E, Shirdi Sai Engineering College, Bangalore.

Handwritten notes:
H19, EEE
18.5.12
Le Harsh (1) VJ
2) H.C. Kanna

Percentage Progress

20%

Mark

CODE No: 40649

VALID FOR THREE MONTHS ONLY

स्टेट बैंक ऑफ मैसूर
STATE BANK OF MYSORE

DEMAND DRAFT

DATE: 09/09/2012
THIS DRAFT IS NOT VALID UNLESS SIGNED BY TWO OFFICIALS

Key: NUKMUN

Sr. No: 932556

मौजे जानेपर ON DEMAND PAY PRINCIPAL SHIRDI SAI ENGG COLL

*****PRINCIPAL SHIRDI SAI ENGG COLL*****

या उनके आदेश पर OR ORDER

रुपये
RUPEES

EIGHT	ZERO	ZERO	ZERO	ZERO	ZERO
LAKHS	T*THDS	THDS	HUNDS	TENS	UNITS

PAISE ZERO ONLY

रुRs. 8000000 पैPs. 000

AMOUNT BELOW 800001(8/6)

अदा करें।
मूल्य प्राप्त / VALUE RECEIVED

स्टेट बैंक ऑफ मैसूर

STATE BANK OF MYSORE

अदाकर्ता शाखा / DRAWEE BRANCH: SBM -- CCPC BANGALORE

कोड क्र. / CODE No: 40743

IOI 700003096122

Key: NUKMUN Sr. No: 932556

SIGNED BY SINGLE OFFICER

प्राधिकृत हस्ताक्षरकर्ता / AUTHORISED SIGNATORY
(नमूना हस्ताक्षर क्र. / S.S. NO.

Smt. VIDYA M. JOSHI
SS No. 4573, VTU Br. 40649

शाखा प्रबंधक / BRANCH MANAGER
(नमूना हस्ताक्षर क्र. / S.S. NO.

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⑈096122⑈ 000006000⑈ 700003⑈ 16



अखिल भारतीय तकनीकी शिक्षा परिषद
ALL INDIA COUNCIL FOR TECHNICAL EDUCATION
(भारत सरकार का एक संवैधानिक निकाय) (A STATUTORY BODY OF THE GOVT OF INDIA)

F No.: 1-4/FD/SEM (356 / 2006-07
03/04/2007

OFFER LETTER

To
THE REGISTRAR/PRINCIPAL/DIRECTOR
SRI BHAGAWAN MAHAVEER JAIN COLLEGE OF ENGINEERING
JAKKASANDRA KANAKAPURA
BANGALORE-562112
(KTK)

Sub:- Offer of Financial Assistance as grant-in-aid to the proposal submitted under the scheme of 'SEMINAR GRANT' to AICTE during the financial year 2006-2007.

Sir/Madam,

With reference to the Seminar Grant proposal submitted to the Council regarding financial assistance for organizing Conference / Seminar / Symposium / Workshop, I am directed to state that the Council has agreed to offer Rs. 75000/- (RUPEES SEVENTY FIVE THOUSAND ONLY) as financial assistance to the institute with the following details:

Name of the Convenor : DR. Y. VIJAYAKUMAR
Maximum Amt. offered : Rs. 75000/-
Proposed dates : 9-10 AUG 07
Venue : BANGALORE
Level of the event : NATIONAL
Title of the event :

"TRENDS IN E MANUFACTURING FOR SUSTAINABLE GROWTH"

The said offer is as per the norms & guidelines of the scheme as well as subject to the following terms and conditions:-

- ✓ The grant is intended to cover items of expenditure connected with the Conference/Symposium/Workshop/Seminar such as pre-conference expenses, traveling allowance of participants, stationery, secretarial assistance, publications or proceedings, etc.
- ✓ The first instalment i.e. 50% of the total offered grant shall be released on the receipt of the ACCEPTANCE LETTER in the prescribed format. Submission of Govt. of India clearance letter to hold the INTERNATIONAL Seminar/Symposium/Conference/Workshop is mandatory to release the first instalment itself.
- ✓ The second and final assistance of the grant-in-aid shall be released only on receipt of the following documents :-
 - Feed back form in the prescribed proforma.
 - Statement of actual expenditure & Utilization Certificate in the prescribed proforma duly signed by the Head of the institution and countersigned by Registrar/Finance Officer / Govt. Auditor. In case of self-financing/private institutions Statement of actual Expenditure & Utilization Certificate are required to be signed by a Chartered Accountant (with membership no. & full address).

The documents mentioned above must be sent within one month of the completion of the Seminar/Symposium/Conference/Workshop held with approved financial assistance. On receipt of these documents, the total amount of financial assistance admissible as per the norms shall be worked out and second instalment representing the balance of the grant-in-aid shall be released in favour of the beneficiary institution.

FUNDING AGENCIES AND THEIR SANCTIONED AMOUNT FOR EVERY ACADEMIC YEAR

SNO	ACADEMIC-YEAR	VTU	KSCST	IEDC	VGST	SIEGER	DST	AICTE	TOTAL
1	2017-18	40000	20000	5,00,000			10,00,000	100000	1660000
2	2016-17		9000	5,00,000		6,00,000			1109000
3	2015-16		5000	5,00,000	40,000				545000
4	2014-15		9000	5,00,000	30,000				539000
5	2013-14		17500	5,00,000					517500
TOTAL		40000	60500	25,00,000	70,000	6,00,000	10,00,000	100000	4370500

3.1.1 Grants for research projects sponsored by the government/non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution during the last five years (3) and for

3.1.3 Number of research projects per teacher funded by government and non-government agencies during the last five years (For UG Colleges weightage of this metric will be 7) (4)

Sno	Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co- investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/non- Government)
1	Design and fabrication of pod vehicle	Mrs. Aruna	Electronics and Communication	2-20-2018	5000	3 months	VTU	Government
2	Eduvista	Dr. B. Shadaksharappa	Computer Science and Engineering	1-22-2018	100000	11 months	IEDC	Government
3	Automatic leg up landing	Mr. Srinaivas	Mechanical Engineering	02-08-2018	5000	3 months	VTU	Government
4	Fabrication of autonomous underwater	Mr. A MUTHUVEL	Mechanical Engineering	01-08-2018	1000000	12 months	DST	Government
5	An intelligent power shutdown system for	Mr. Sivaprakash C	Electronics and Communication	28-03-2018	5000	2 months	KSCST	Government
6	IoT based fault diagnostic device for photovoltaic	Mr Santha moorthy S	Electronics and Communication	20-02-2018	5000	4 months	vtu	Government
7	Auto smart fertilizer	Mr. Halesha H R	Electronics and Communication	08-02-2018	5000	2 months	VTU	Government
8	Snea-smart new era Agri application using onto-	Mrs. RAMYA. K	Electrical and Electronics Engineering	02-02-2018	5000	3 months	VTU	Government
9	IoT base water care centre for lakes in Bengaluru	Mrs. P.Gowri	Electronics and Communication	01-02-2018	5000	3 months	KSCST	Government
10	Automatic gas cylinder management	Mrs. Dhanya G S	Electronics and Communication	01-02-2018	5000	3 months	KSCST	Government
11	Shwa'18	Ms. MALINI. K. V	Electrical and Electronics Engineering	22-01-2018	100000	4 months	IEDC,DST	Government
12	I-dops	Ms. MALINI. K. V	Electrical and Electronics Engineering	22-01-2018	5000	4 months	VTU	Non-Government
13	Jeevanraksha- vehicle accident detection using	Mrs. C. Sharon Roji Priya	Computer Science and Engineering	22-01-2018	5000	4 months	VTU	Government
14	Kapi Ahwaja - "smart initiative for Automobilies"	Dr. B. Shadaksharappa	Computer Science and Engineering	15-01-2018	5000	2 months	KSCST	Government
15	al 6061- basalt and zirconia hybrid	Dr. C ANIL KUMAR	Mechanical Engineering	15-01-2018	100000	16 months	IEDC	Government
16	Avkrikaa	Mrs Sheela Devi	Computer Science and Engineering	10-01-2018	5000	3 months	VTU	Government
17	Integration with moisture meter	Mrs. Bhuvaneswari.N	Electronics and Communication	01-01-2018	100000	2 months	AICTE-Smart India	Government
18	Smart health using android application	Mrs Y.Saanjanna	Computer Science and Engineering	10-10-2017	100000	10 months	IEDC	Government

19	Smart helmet	Mr. R VIJAI	Mechanical Engineering	01-10-2017	100000	7 months	IEDC	Government
20	Tap me	Ms. MALINI. K. V	Electrical and Electronics Engineering	23-01-2017	100000	4 months	IEDC,DST	Government
21	SNGE	Ms. MALINI. K. V	Electrical and Electronics Engineering	23-01-2017	100000	4 months	IEDC,DST	Government
22	Public water supply grid monitoring to avoid	Mrs M.Lorate shiny	Computer Science and Engineering	05-01-2017	4000	2 months	KSCST	Government
23	Environment noise & pollution energy	Mrs. Bhuvaneswari.N	Electronics and Communication	01-01-2017	5000	16 months	KSCST	Government
24	Fabrication of multiseater solar vehicle	Mr. A MUTHUVEL	Mechanical Engineering	31-07-2016	600000	13 months	SIEGER INNOVATIO	Government
25	Agrikart- a new revolution	Dr. B. Shadaksharappa	Computer Science and Engineering	14-06-2016	100000	12 months	IEDC-Department of	Government
26	Robotic arm	Mr. A MUTHUVEL	Mechanical Engineering	01-06-2016	100000	12 months	IEDC	Government
27	E-bin waste separation	Mr. Santosh Kumar N	Electronics and Communication	12-03-2016	100000	12 months	IEDC	Government
28	Senior security supervise system	Mrs. P.Kalamani	Computer Science and Engineering	18-02-2016	5000	3 months	KSCST	Government
29	Krushni rakshak	Ms. MALINI. K. V	Electrical and Electronics Engineering	21-01-2016	100000	4 months	IEDC,DST	Government
30	Vov fiero	Ms. MALINI. K. V	Electrical and Electronics Engineering	21-01-2016	100000	4 months	IEDC,DST	Government
31	"design and fabrication of solar and wind hybrid	Dr. C ANIL KUMAR	Mechanical Engineering	21-01-2016	40000	6 months	VGST	Government
32	Bore well child rescue robot	Mr. A MUTHUVEL	Mechanical Engineering	01-06-2015	100000	12 months	IEDC	Government
33	Virtual controller	Dr. B. Shadaksharappa	Computer Science and Engineering	02-03-2015	100000	11 months	IEDC	Government
34	Wireless charging of mobile phones using	Mr. RAJA.G.V.	Electronics and Communication	03-02-2015	100000	15 months	IEDC	Government
35	Suvidhan	Ms. MALINI. K. V	Electrical and Electronics Engineering	22-01-2015	100000	4 months	IEDC,DST	Government
36	I glove	Ms. MALINI. K. V	Electrical and Electronics Engineering	22-01-2015	100000	4 months	IEDC,DST	Government
37	Centralized blood bank database using GPS mobile	Dr. B. Shadaksharappa	Computer Science and Engineering	14-01-2015	4000	2 months	KSCST	Government
38	Beap	Mrs. Bhuvaneswari.N	Electronics and Communication	01-01-2015	100000	4 months	DST	Government
39	Piracy cop-film piracy avoidance using infrared	Dr. B. Shadaksharappa	Computer Science and Engineering	03-12-2014	100000	11 months	IEDC	Government
40	Monitoring vehicle's exhaust	Mr Halesh	Electronics and Communication	12-03-2014	5000	12 months	KSCST	Government

41	Fu-sure Instro	Mr. Santosh Kumar N	Electronics and Communication	12-03-2014	100000	12 months	IEDC	Government
42	Detection of fake note within an ATM machine	Mr. Santosh Kumar N	Electronics and Communication	12-03-2014	30000	12 months	VGST	Government
43	Wifi Ambiquation to charge pacemaker	Mrs. R. GUNASEKARI	Electrical and Electronics Engineering	01-02-2014	6500	3 months	KSCST	Government
44	Electrical energy harvesting tiles based on	Mrs. R. GUNASEKARI	Electrical and Electronics Engineering	01-02-2014	7500	3 months	KSCST	Government
45	Shur - smart heating using a Refrigerator	Ms. MALINI. K. V	Electrical and Electronics Engineering	23-01-2014	100000	10 months	IEDC-DST	Government
46	Intelligent device for safety of women. mentally	Dr. B. Shadaksharappa	Computer Science and Engineering	07-01-2014	3500	2 months	KSCST	Government
47	Sensor to detect air quality in lmy's	Mr. Sivaprakash C	Electronics and Communication	01-08-2013	100000	11 months	DST	Government
48	Technology for electrical management in	Mr. Sivaprakash C	Electronics and Communication	01-08-2013	100000	11 months	DST	Government
49	Android Based Integrated Indoor Navigation System	Dr. B. Shadaksharappa	Computer Science and Engineering	07-01-2014	100000	11 months	IEDC	Government
50	Magico rullstol - a wheel chair for completely	Mrs. R. GUNASEKARI	Electrical and Electronics Engineering	27-07-2013	100000	10 months	IEDC-DST	Government
					4370500			

3.1.1 Grants for research projects sponsored by the government/non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution during the last five year

3.1.3 Number of research projects per teacher funded by government and non-government agencies during the last five years (For UG Colleges weightage of this metric will be 7) (4)

Sno	Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/ non-Government)
1	Integration with moisture meter	Mrs. Bhuvaneswari.N	Electronics a	01-01-2018	100000	2 months	AICTE-Sm	Government
2	Kapi Dhwaja – “smart initiative for A	Dr. B. Shadaksharap	Computer Sc	15-01-2018	5000	2 months	KSCST	Government
3	I-dops	Ms. MALINI. K. V	Electrical and	22-01-2018	5000	4 months	VTU	Government
4	Jeevanraksha- vehicle accident detect	Mrs. C. Sharon Roji P	Computer Sc	22-01-2018	5000	4 months	VTU	Government
5	Avkrikaa	Mrs Sheela Devi	Computer Sc	10-01-2018	5000	3 months	VTU	Government
6	Snea-smart new era Agri application	Mrs. RAMYA. K	Electrical and	02-02-2018	5000	3 months	VTU	Government
7	Auto smart fertilizer	Mr. Halesha H R	Electronics a	08-02-2018	5000	2 months	VTU	Government
8	lot based fault diagnostic device for	Mr Santha moorthy S	Electronics a	20-02-2018	5000	4 months	VTU	Government
9	Automatic leg up landing	Mr. Srinivas	Mechanical E	02-08-2018	5000	3 months	VTU	Government
10	Design and fabrication of pod vehicle	Mrs. Aruna Shanbog	Mechanical E	20-2-2018	5000	3 months	VTU	Government
11	lot base water care centre for lakes i	Mrs. P.Gowri	Electronics a	01-02-2018	5000	3 months	KSCST	Government
12	An intelligent power shutdown syste	Mr. Sivaprakash C	Electronics a	28-03-2018	5000	2 months	KSCST	Government
13	Automatic gas cylinder management	Mrs. Dhanya G S	Electronics a	01-02-2018	5000	3 months	KSCST	Government
14	Fabrication of autonomous underwa	Mr. A MUTHUVEL	Mechanical E	01-08-2018	1000000	12 month	DST	Government
15	Smart health using android applicat	Mrs Y.Saanjanna	Computer Sc	10-10-2017	100000	10 month	IEDC	Government
16	Smart helmet	Mr. R VIJAI	Mechanical E	01-10-2017	100000	7 months	IEDC	Government
17	“al 6061- basalt and zirconia hybrid	Dr. C ANIL KUMAR	Mechanical E	15-01-2018	100000	16 month	IEDC	Government
18	Shwa`18	Ms. MALINI. K. V	Electrical and	22-01-2018	100000	4 months	IEDC,DST	Government
19	Eduvista	Dr. B. Shadaksharap	Computer Sc	22-01-2018	100000	11 month	IEDC	Government
TOTAL AMOUNT					1660000			

TOTAL SANCTIONED AMOUNT FOR THE YEAR 2017-18 IS SIXTEEN LAKH SIXTY THOUSAND RUPEES ONLY

2017-18 ①

Integration with
Moister meter

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Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840

Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Dr. S. G. Sreekanteswara Swamy
Executive Secretary

28th March, 2018

Ref: 7.1.01/SPP/08

The Principal,
Sri Sairam College of Engineering,
Formerly Shirdi Sai Engineering College,
Saileo Nagar, Samandhur(PO), Anekal,
Bengaluru - 562 106.

Dear Sir,

Sub : Sanction of Student Project - 41st Series: Year 2017-2018
Your Project Proposal Reference No. : **41S_BE_2001**

Ref : Your Project Proposal entitled " **"KAPI DHWAJA"-SMART INITIATIVE FOR AUTOMOBILES
IN ROAD SAFETY**

I am happy to inform that your project proposal referred above, has been approved by the Secretary, KSCST for "Student Project Programme - 41st Series" and has been sanctioned with a budgetary break-up as detailed below:

Students	Mr. Nanda Kumar V and others	Budget	Amount (Rs)
		Materials/Consumables	4,000.00
Guide/s	Dr. B Shadaksharappa	Labor	-
		Travel	-
Department	Computer Science And Engineering	Miscellaneous	500.00
		Report	500.00
		TOTAL	5,000.00
RUPEES FIVE THOUDSAND			

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- The project should be completed in all respects and one copy of the hardbound report along with softcopy of the full report in a CD (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project sanction reference number printed above** in all your future correspondences.
- Important: After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following points:

- 1) Title of the project
- 2) Name of the College & Department
- 3) Name of the students & Guide(s)
- 4) Key findings



VISVESVARAYA TECHNOLOGICAL UNIVERSITY

ವಿಶ್ವವರಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

"Jnana Sangama", Belagavi - 590 018, Karnataka State, INDIA

Phone : (0831) 24
Fax : (0831) 24
Email : registrar@vtu.ac.in
website : www.vtu.ac.in

VTU Belagavi
2017-18

Dr.H.N. Jagannatha Reddy, B.E., M.E., Ph.D.

Registrar

Ref. No.: VTU/Aca/2018-19/1982

Date: 7 JUN 2018

CIRCULAR

Sub: Project Exhibition cum competition to be held on 28th June 2018.
Ref: Hon'ble Vice-Chancellor's Order dt.30.05.2018

In continuation of the University's effort to encourage & boost innovative efforts vis-a-vis the UG Projects, the University has decided to hold an exhibition cum competition of the UG Projects.

In the first phase the University had obtained a list of best 02 projects per branch vide circular No. VTU/Aca/2017-18/9702 dated 18th Jan 2018 for financial assistance. The financial assistance has already been sanctioned by the Hon'ble Vice-Chancellor and the DD's have been dispatched. In the second phase the University now wants the college Principals to send one best project from Circuit & one best project from Non-Circuit areas for the project exhibition cum competition. The selection is to be done by the Principal at the College level from amongst the list sent earlier under phase-I.

The following are the salient features of this project exhibition cum competition

1. The Competition is only for final year UG Projects.
2. The College Principal shall arrange to send one best project from the CIRCUIT & one best project from NON-CIRCUIT area (Totally two projects per college)
3. The exhibition cum competition is scheduled to be held on the VTU foundation day i.e. 28th June 2018 at Jnana Sangama, VTU, Belagavi.
4. Attractive cash prizes in each stream will be given.
5. A group of renowned Industrialists /Subject Experts/Professors shall judge the Competition and the decision of the jury shall be final & binding on all the participants.
6. There is no registration or entry fee. The University shall provide accommodation food and local conveyance to the participating students. However the Travelling Allowances of the students shall be borne by the respective colleges.
7. The colleges must send the chosen projects (two) on or before 18th June 2018 (Monday) at 5.00 p.m. late projects shall not be entertained.
8. The following committee has been formed to oversee the whole exercise. Participants may contact them for more details.

1	Dr. Anand Shivapur, Regional Director (I/c), Visvesvaraya Technological University, Belagavi - 590 018.	Chairman
2	Dr. Gayatri Reddy, RHCS Layout, Annapoomeshwari Nagar, Nagarbhavi, Bengaluru-560 091.	Member
3	Dr. Basavaraj Gadgay Rajapura, Kusnoor Road, Kalaburgi - 585 106.	Member
4	Dr. K. Manjunatha Hankey Sathagalli Layout, Near Raj Road, Mysuru-570 019.	Member
5	Dr. S.A. Angadi, Professor, Dept. of CNE, PG Centre, VTU, Belagavi - 590 018.	Member
6	Dr. Ravindra Malagi, Special Officer, Exam Section, VTU, Belagavi-590 018.	Member
7	Dr. Meghana Kulkarni, Associate Professor, VLSI, VTU, Belagavi. Mob.No.: 9480398197, E-Mail ID: meghnak@vtu.ac.in	Member Convenor

This is for your information and necessary action.

By Order,

Registrar

To,

- 1) The Principals of all the affiliated/constituent/autonomous engineering colleges of VTU.
- 2) The PG Coordinator, Centre for PG Studies Muddenahalli, Belagavi, Kalaburagi & Mysuru.

Copy to:

- 1) The Regional Directors (I/c), VTU Regional Centres at Bengaluru, Belagavi, Kalaburgi & Mysuru for information.
- 2) The Chairman, Committee members and Convenor
- 3) The Secretary to VC, VTU, Belagavi.



Visvesvaraya Technological University

"Jnana Sangama", Belgaum - 590 018, Karnataka State

Dr. H.N. Jagannatha Reddy, BE, ME, Ph.D
REGISTRAR

Phone : (0831) 2405468

Fax : (0831) 2405467

Ref. No: VTU/Aca/2018-19/1884/1465

Date: 4 JUN 2018

To,
The Principal
Sri Sairam College of Engineering, Bangalore

Sir/Madam,

Sub: Sanction of Financial Assistance to the selected projects of UG
students of your Institution

Ref: VTU/Aca/2017-18/9702, dtd: 18th January 2018

With reference to the above subject, please find herewith a D.D Bearing No 636207,
Dated 25-May-18 of Rs. 40,000 towards the sanction of Financial Assistance to the selected
projects of UG students. You are requested to give the amount to the concerned students and
obtain an acknowledgement for the same.

The students' receipt of acknowledgement should be sent to the undersigned on or before
15-6-2018.

Yours faithfully

REGISTRAR

Encl: as above

Copy to principals
- 1 set needs

[Handwritten signature]

मांगद्राफ्ट
DEMAND DRAFT

Key: VULLOY
Sr. No: 943793

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मागे जानेवर PRINCIPAL SRI SAIRAM COLLEGE OF ENGINEERING

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AUTHORIZED SIGNATORY

BRANCH MANAGER

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SAIRAM
COLLEGE OF ENGINEERING

Formerly Shirdi Sai Engineering College

ISO 9001:2008 Certified Institution

Approved by AICTE, New Delhi

Recognised by Govt of Karnataka & Affiliated to VTU

Belgaum

Anekal, Bengaluru

4, 5

Financial Assistance – DESERVING PROJECTS – ACKNOWLEDGEMENT

Department of Computer Science and Engineering

Sl. No	Title of the project	Name of the Mentor	Financial assistance Received	Team members	Signature of the students
1	Avkrikaa (16)	Prof. Sheela Devi	Rs. 5000/-	Pallavi	
				Meenakshi alagi	
				K Harshitha	
				Bhavya	
2	A Mover's Accident Detection using GPS, GSM & Black Box System (13)	Prof. Sharon Roji Priya	Rs. 5000/-	Chaitra A	
				Anitha	
				Shaik Muhhammod	
				Ahmed Raza	
				Sri Harsha	

14/06/2018

Head of the Department
Dept. of Computer Science & Engineering
Sri Sairam College of Engineering
Anekal, Bengaluru - 562 106.

Principal

Sri Sairam College of Engineering
Sai Leo Nagar, Guddanahalli Post,
Anekal, Bengaluru - 562 106



Sri SAIRAM
COLLEGE OF ENGINEERING

Formerly Shirdi Sai Engineering College

ISO 9001:2008 Certified Institution
Approved by AICTE, New Delhi
Recognised by Govt of Karnataka & Affiliated to VTU
Belgaum
Anekal, Bengaluru

Financial Assistance - DESERVING PROJECTS - ACKNOWLEDGEMENT

Department of Electrical and Electronics Engineering

Sl. no	Title of the project	Name of the Mentor	Financial assistance received	Team members	Signature of the students
1	SNEA- Smart New Era Agri Applications Using Opto Electric Systems (8)	Prof. Ravi V Angadi & Prof. Ramya K	Rs. 5000/-	BHAVANI SINGH J	
				DEVARAJ S	
				DIVAKARA A P	
				SUBRATA CHOWDHURY	
2	I- DOPS [Intelligent Detection of pollution Systems] (12)	Prof. Gopinath K & Prof. Mahini K V	Rs. 5000/-	RAKESH B S	
				MOHAMMED ABREETH M	
				VIKRAM J	
				PRADEESHAN K	

Mal - K.V 14/06/18
Head of the Department

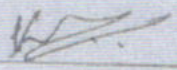
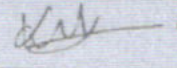
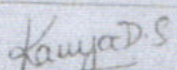
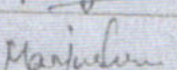
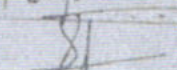
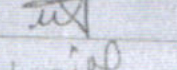
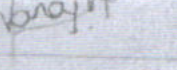
Head of the Department
Electrical & Electronics Engineering
Sri Sairam College of Engineering
Anekal, Bengaluru - 562 106.

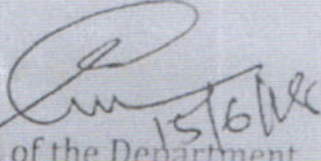
[Signature]
Principal

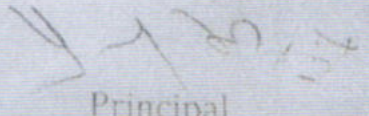
Sri Sairam College of Engineering
Sai Leo Nagar, Guddanahalli Post,
Anekal, Bengaluru - 562 106

Financial Assistance - DESERVING PROJECTS - ACKNOWLEDGEMENT

Department of Electronics and Communication Engineering

Sl NO	Title of the project	Name of the Mentor	Financial assistance received	Team members	Signature of the students
1	Auto Smart Fertilizer (7)	Prof. Halesha H R	Rs. 5000/-	Kavyashree N V	
				Kavya G K	
				Kavya D S	
				Manjushree B. R	
	Fault Diagnostic Device For Photo Voltaic Panels Using IOT (6)	Prof. Shantamoorthy	Rs. 5000/-	Spurthy A	
				Vanajakshi M	
				Varsha K	


Head of the Department
Head of the Department
Dept. of Electronics & Communication Engineering
Sri Sairam College of Engineering
Anekal, Bengaluru - 562 106.


Principal
Sri Sairam College of Engineering
Sai Leo Nagar, Guddanahalli Post,
Anekal, Bengaluru - 562 106



SAIRAM
COLLEGE OF ENGINEERING

Formerly Shirdi Sai Engineering College

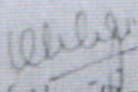
ISO 9001:2008 Certified Institution
Approved by AICTE, New Delhi
Recognised by Govt of Karnataka & Affiliated to VTU
Belgaum
Anekal, Bengaluru

9,10.


Financial Assistance – DESERVING PROJECTS – ACKNOWLEDGEMENT

Department of Mechanical Engineering

Sl. no	Title of the project	Name of the Mentor	Financial assistance received	Team members	Signature of the students
1	Automatic Leg Up Landing (2)	Prof. Vijai R	Rs. 5000/-	Vinay	Clinton P.
				Arun Kumar S	S. Arun Kumar
				Chethan B R	B. R. Chethan
				Dileep B	Dileep B
2	Design and Fabrication of POD Drive (1)	Prof. Aruna Shanbog	Rs. 5000/-	Vidya	Vidya M R
				Karthik N	Karthik N
				Anusha	R. Anusha
				Karthick J	J. R. Karthick


Head of the Department

Head of the Department
Dept. of Mechanical Engineering
Sri Sairam College of Engineering
Anekal, Bengaluru - 562 106.


Principal
Dr. Y. VIJAYA KUMAR

Principal
Sri Sairam College of Engineering
Sai Leo Nagar, Guddanahalli Post,
Anekal, Bengaluru - 562 106

Karnataka State Council for Science and Technology
Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348545, 23348549 • Telefax: 080-23348540

Email: office@kscst.iisc.ernet.in, office@kscst.org.in • Website: www.kscst.iisc.ernet.in, www.kscst.org.in

I. G. Sreekanteswara Swamy
Executive Secretary

28th March, 2018

7.1.01/SPP/08

Principal,
Kannur College of Engineering,
Kannur Shree Sai Engineering College,
Kannur Nagar, Samandhur(P.O), Anekal,
Bengaluru - 562 106.

Sir,
Sanction of Student Project - 41st Series: Year 2017-2018
Project Proposal Reference No.: 415_BE_2006

Your Project Proposal entitled " **IOT BASED WATER CARE CENTRE FOR LAKES IN BENGALURU**

9

Kindly inform that your project proposal referred above, has been approved by the KSCST for "Student Project Programme - 41st Series" and has been sanctioned with a salary break-up as detailed below:

Students	Ms. Navyashree R and others	Budget	Amount (Rs)
		Materials/Consumables	4,000.00
Guide/s	Mrs. P Gowri ✓	Labor	
		Travel	
Department	Electronics And Communication Engineering	Miscellaneous	500.00
		Report	500.00
		TOTAL	5,000.00
RUPEES FIVE THOUSAND			

Following are the guidelines to carryout the project work :
The project should be performed based on the objectives of the proposal sent by you.

The project should be completed in all respects and one copy of the hardbound report along with softcopy of the full report in a CD (.pdf format) should be submitted to KSCST.

Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.

Please note your **project sanction reference number printed above** in all your future correspondence.

Important: After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by email [spp@kscst.iisc.ernet.in] and should include following points:

- 1) Title of the project
- 2) Name of the College & Department
- 3) Name of the students & Guide(s)
- 4) Keywords



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840
Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Dr. S. G. Sreekanteswara Swamy
Executive Secretary

Ref: 7.1.01/SPP/08

28th March 2018

The Principal,
Sri Sairam College of Engineering,
Formerly Shirdi Sai Engineering College,
Saileo Nagar, Samandhur(PO), Anekal,
Bengaluru - 562 106.

Dear Sir,

Sub : Sanction of Student Project - 41st Series: Year 2017-2018
Your Project Proposal Reference No. : 41S_BE_2007

Ref : Your Project Proposal entitled " **AN INTELLIGENT POWER SHUTDOWN SYSTEM FOR POWER SAVING APPLICATIONS**

I am happy to inform that your project proposal referred above, has been approved by the Secretary, KSCST for "Student Project Programme - 41st Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Ms. Abinayashri and others	Budget	Amount (Rs)
		Materials/Consumables	4,000.00
Guide/s	Prof. C.Sivaprakash	Labor	-
		Travel	-
Department	Electronics And Communication Engineering	Miscellaneous	500.00
		Report	500.00
		TOTAL	5,000.00
RUPEES FIVE THOUDSAND			

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- The project should be completed in all respects and one copy of the hardbound report along with softcopy of the full report in a CD (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project sanction reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

Environment Noise & pollution	Mrs. Bhuvaneswari.N	Electronics and	01-01-2017	5000	16 months	KSCST	Government
FABRICATION OF MULTISEATER	Mr. A MUTHUVEL	Mechanical Engineering	31-07-2016	600000	13 months	SIEGER	Government
AGRIKART- a New Revolution	Dr. B. Shadaksharappa	Computer Science and	14-06-2016	100000	12 months	IEDC-	Government
ROBOTIC ARM	Mr. A MUTHUVEL	Mechanical Engineering	01-06-2016	100000	12 months	IEDC	Government
E-Bin Waste Separation	Mr. Santosh Kumar N	Electronics and	12-03-2016	100000	12 months	IEDC	Government
Senior Security Supervise	Mrs. P.Kalamani	Computer Science and	18-02-2016	5000	3 months	KSCST	Government
KRUSHI RAKSHAK	Ms. MALINI. K. V	Electrical and	21-01-2016	100000	4 months	IEDC,DST	Government
VOV FIERO	Ms. MALINI. K. V	Electrical and	21-01-2016	100000	4 months	IEDC,DST	Government
"DESIGN AND FABRICATION OF	Dr. C ANIL KUMAR	Mechanical Engineering	21-01-2016	40000	6 months	VGST	Government
Bore well child rescue robot	Mr. A MUTHUVEL	Mechanical Engineering	01-06-2015	100000	12 months	IEDC	Government
Virtual Controller	Dr. B. Shadaksharappa	Computer Science and	02-03-2015	100000	11 months	IEDC	Government
WIRELESS CHARGING OF	Mr. RAJA.G.V.	Electronics and	03-02-2015	100000	15 months	IEDC	Non-Government
SUVIDHAN	Ms. MALINI. K. V	Electrical and	22-01-2015	100000	4 months	IEDC,DST	Government
I GLOVE	Ms. MALINI. K. V	Electrical and Electronics Engineering	22-01-2015	100000	4 months	IEDC,DST	Government
Centralized Blood Bank	Dr. B. Shadaksharappa	Computer Science and	14-01-2015	4000	2 months	KSCST	Government
BEAP	Mrs. Bhuvaneswari.N	Electronics and	01-01-2015	100000	4 months	DST	Government
Piracy cop-film piracy	Dr. B. Shadaksharappa	Computer Science and	03-12-2014	100000	11 months	IEDC	Government
MONITERING VEHICLE'S	Mr Halesh	Electronics and	12-03-2014	5000	12 months	KSCST	Government
Fu-Sure Instro	Mr. Santosh Kumar N	Electronics and	12-03-2014	100000	12 months	IEDC	Government
Detection of Fake Note Within	Mr. Santosh Kumar N	Electronics and	12-03-2014	30000	12 months	VGST	Government
WIFI AMBIQUATION TO	Mrs. R. GUNASEKARI	Electrical and	01-02-2014	6500	3 months	KSCST	Government
ELECTRICAL ENERGY	Mrs. R. GUNASEKARI	Electrical and	01-02-2014	7500	3 months	KSCST	Government
SHUR - SMART HEATING USING	Ms. MALINI. K. V	Electrical and	23-01-2014	100000	10 months	IEDC-DST	Government
Intelligent Device For Safety of	Dr. B. Shadaksharappa	Computer Science and	07-01-2014	3500	2 months	KSCST	Government
Sensor to Detect Air Quality in	Mr. Sivaprakash C	Electronics and	01-08-2013	100000	11 months	DST	Government
Technology for Electrical	Mr. Sivaprakash C	Electronics and	01-08-2013	100000	11 months	DST	Government
MAGICO RULLSTOL - A WHEEL	Mrs. R. GUNASEKARI	Electrical and	27-07-2013	100000	10 months	IEDC-DST	Government



Karnataka State Council for Science and Technology
Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840

Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Dr. S. G. Sreekanteswara Swamy
Executive Secretary

28th March 2018

Ref: 7.1.01/SPP/08

The Principal,
Sri Sairam College of Engineering,
Formerly Shirdi Sai Engineering College,
Saileo Nagar, Samandhur(PO), Anekal,
Bengaluru - 562 106.

Dear Sir,

Sub : Sanction of Student Project - 41st Series: Year 2017-2018
Your Project Proposal Reference No. : **41S_BE_2005**

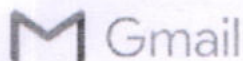
Ref : Your Project Proposal entitled " **AUTOMATIC GAS CYLINDER MANAGEMENT** " ✓ (10)

I am happy to inform that your project proposal referred above, has been approved by the Secretary, KSCST for "Student Project Programme - 41st Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Mr.Mulum Tejas and others	Budget	Amount (Rs)
		Materials/Consumables	4,000.00
Guide/s	Mrs. Dhanya G S	Labor	-
		Travel	-
Department	Electronics And Communication Engineering	Miscellaneous	500.00
		Report	500.00
		TOTAL	5,000.00
RUPEES FIVE THOUDSAND			

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- The project should be completed in all respects and one copy of the hardbound report along with softcopy of the full report in a CD (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project sanction reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords



MUTHUVEL ARUMUGAM <muthuvelsairam@gmail.com>

[IIGP]- Important Information Requested - Fund transfer and faculty details

3 messages

Prof. Suryanarayana Doolla <suryad@iitb.ac.in>

Wed, Jul 11, 2018 at 10:17 PM

To: Suryanarayana Doolla <suryad@iitb.ac.in>

Cc: Rupali Chavan <rupali.chavan@iitb.ac.in>

Dear All,

4) Congratulations once again your selection as University Challenge Winners. Ms. Divya Gajria from FICCI has already emailed you about the award ceremony.

I am writing to you to update on the proposed grant disbursement as part of the DST-Lockheed Martin-Tata Trusts IIGP 2.0 University Challenge.

As you are aware, a research grant of INR 10 Lacs per team will be transferred to your college/institute/university.

Step 1: 17th July 2018: Keep this as a priority item.

I request you do the following immediately. Fill in the attached document and send it to Ms. Rupali Chavan <rupali.chavan@iitb.ac.in>.

a) **Fund Transfer:** To initiate the transfer we would need the details of the faculty advisor from your institute and bank details of your Institute. The funds will be transferred by IUSSTF your institute after we receive the duly filled up the attached form. Please fill it up and send the same to Ms. Rupali Chavan (rupali.chavan@iitb.ac.in).

b) Once you send the data, our team will get in touch with the faculty member and initiate the transfer.

c) Most of the information for (a) is normally available with your faculty advisor.

Step 2: Deadline: 20th July

a) Send your budget for your project. You may revise the budget (now) and make sure it does not cross Rs. 10 Lakhs. IUSSTF will add 10% of the budget (Rs 1 lakh) as overheads to this. So, don't include overheads. Normally approved budgets are equipment, consumable, contingency, travel etc. You can discuss with your faculty advisor and send us the same by 20th July 2018.

Step 3: Start date: 3rd August 2018

b) **Mentor Interaction:** I will email you the mentor details from IITB by 31st July. Please get in touch with the faculty mentor from IIT Bombay. Update them about your project, current status, and future plans. We will brief them about the project, but, you are the right people to discuss it with your mentor.

I will also send another email on 18th July informing you about the total process of mentorship, workshop, and selection process to the next level etc.. in a separate email.


Please feel free to write back to me if you need any help.

Looking forward to interacting with you.

Best of Luck!

Regards,
Prof. Surya Doolla,
Coordinator
IIGP 2.0 University Challenge

Prof. Suryanarayana Doolla,
Associate Professor,
Department of Energy Science and Engineering,
Indian Institute of Technology (IIT) Bombay,
Powai, Mumbai 400076
Phone: (O) +91 22 2576 7872
Web: <http://www.ees.iitb.ac.in/~suryad>

 **Team Details.docx**
14K

MUTHUVEL ARUMUGAM <muthuvelsairam@gmail.com>
To: balan mech@sairamce.edu.in


Thu, Jul 12, 2018 at 6:31 AM

[Quoted text hidden]

--
Thank You

With Best Regards

A.Muthuvel
Assistant Professor
Sri Sairam College of Engineering
Mobile: 08667059309

 **Team Details.docx**
14K

MUTHUVEL ARUMUGAM <muthuvelsairam@gmail.com>
To: HARISH BABU L <harishbabu.mech@sairamce.edu.in>, harish babu <BABUHARISH16@gmail.com>

Thu, Jul 12, 2018 at 7:30 AM

----- Forwarded message -----


From: **Prof. Suryanarayana Doolla** <suryad@iitb.ac.in>
Date: Wed, Jul 11, 2018 at 10:17 PM
Subject: [IIGP]- Important Information Requested - Fund transfer and faculty details
To: Suryanarayana Doolla <suryad@iitb.ac.in>
Cc: Rupali Chavan <rupali.chavan@iitb.ac.in>

[Quoted text hidden]

--
Thank You

With Best Regards

A.Muthuvel
Assistant Professor
Sri Sairam College of Engineering
Mobile: 08667059309

 **Team Details.docx**
14K



SHIRDI SAI ENGINEERING COLLEGE

Sai Leo Nagar, Guddenahalli Post,
Anekal, Bengaluru - 562106

15, 16, 17, 18, 19

Date: - 31-01-19

To,

Dr.Y.Vijayakumar
Principal
SSEC, Anekal-562106

Respected Sir,

Sub:Release of IEDC fund to selected student projects-DST 2017-18-IEDC Account-DST Projects-Reg.

I am glad to inform you that our student teams have been selected under the scheme of Innovation and Entrepreneurship Development Centre assisted by Department of Science and Technology. The recommended Five student projects (S.No.01 to 05) to be Sponsored under IEDC,DST Scheme shown below.

In view of the above, the students of five teams have submitted their request letter for funding to work on projects and to progress further.

Please find below the details of the selected student projects for your kind perusal.

Sl. No	Title Of The Project	Team	Dept	Name Of The Mentor	Requested Amount (1 st Installment) In Rupees
1	Eduvista	1. Suraj S 2. Karthikeyen G 3. Navyashree R 4. Spoorthi S	CSE	Mr.Venkatesh Kumar & Dr.B.Shadaksharappa	Cheque no.052094 CBI/Dtd:-01-02-19 21,744.00
2	SHWA'18 Solar Power Heterogeneous Wearable Adaptor - Charger for the people on the move.	1. Saipriya M 2. Kavya K 3. Legeswaran V 4. Jayasudha L	EEE	Ms.Malini K V & Mr.Prashantha K	Cheque no.052095 CBI/Dtd:-01-02-19 21,500.00
3	Smart Health Using Android Application	1. Gobidasan.M 2. Harshitha.H.B 3. Shweta nalatwad 4. Chekuri Lokesh	CSE	Mrs.Y.Saanjanna & Dr.B.Shadaksharappa	Cheque no.052096 CBI/Dtd:-01-02-19 21,658.00
4	Smart Helmet	1. Tharun . K 2. Surya . S 3. Venkatesh . R 4. Vishnu Varman . K	MECH	Mr.Vijai.R	Cheque no.052097 CBI/Dtd:-01-02-19 21,000.00
5	Al6061-Basalt and Zirconia hybrid composite	1. Sharathkumar.M 2. Vishwas.M 3. Gurunandan.H.M 4. Supreeth.D.V	MECH	Dr.Anil Kumar C	Cheque no.052098 CBI/Dtd:-01-02-19 21,239.00

In this regard, I request you to release the sum requested by the teams (mentioned against each project) as first installment in the name of their respective guides per project from IEDC Account.

Thanking you,

Yours Sincerely,

G. d. d. d. d.

mal - 10-11

Ms. Malini K V
Asst. Prof & HOD EEE
IEDC Coordinator
SSEC, Anekal-562106

Encl: Copy of Selection List

very Good

Pl. distributed as

Per norms

DESPATCHED



SHIRDI SAI ENGINEERING COLLEGE
Anekal, Bangalore - 562 106.

(2)

IEDC SHORTLISTED PROJECTS FINAL LIST 2017-18

Sl. No	Title Of The Project	Team	DEPT	Name Of The Mentor
1.	Eduvista (2)	1. Suraj S 2. Karthikeyen G 3. Navyashree R 4. Spoorthi S	CSE	Mr.Venkatesh Kumar & Dr.B.Shadaksharappa
2.	SHWA'18 Solar Power Heterogeneous Wearable Adaptor - Charger for the people on the move. (11)	1. Saipriya M 2. Kavya K 3. Legeswaran V 4. Jayasudha L	EEE	Ms.Malini K V & Mr.Prashantha K
3.	Smart Health Using Android Application	1. Gobidasan.M 2. Harshitha.H.B 3. Shweta nalatwad 4. Chekuri Lokesh	CSE	Mrs.Sanjanna
4.	Smart Helmet	1. Tbarun . K 2. Surya . S 3. Venkatesh . R 4. Vishnu Varman . K	MECH	Mr.Vijai.R
5.	Al6061-Basalt and Zirconia hybrid composite (15)	1. Sharathkumar.M 2. Vishwas.M 3. Gurunandan.H.M 4. Supreeth.D.V	MECH	Dr.Anil Kumar C

Kal. - K.V
IEDC Coordinator

Principal

(7)

3.1.1 Grants for research projects sponsored by the government/non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution during the last five years

3.1.3 Number of research projects per teacher funded by government and non-government agencies during the last five years (For UG Colleges weightage of this metric will be 7) (4)

Sno	Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/ non-Government)
1	Environment noise & pollution ener	Mrs. Bhuvaneswari.N	Electronics and	01-01-2017	5000	16 month	KSCST	Government
2	Public water supply grid monitoring	Mrs M.Lorate shiny	Computer Scier	05-01-2017	4000	2 months	Karnataka	Government
3	Tap me	Ms. MALINI. K. V	Electrical and E	23-01-2017	100000	4 months	IEDC,DST	Government
4	SNGE	Ms. MALINI. K. V	Electrical and E	23-01-2017	100000	4 months	IEDC,DST	Government
5	Robotic arm	Mr. A MUTHUVEL	Mechanical Eng	01-06-2016	100000	12 month	IEDC	Government
6	Fabrication of multiseater solar vehi	Mr. A MUTHUVEL	Mechanical Eng	31-07-2016	600000	13 month	SIEGER IN	Government
7	Agrikart- a new revolution	Dr. B. Shadaksharap	Computer Scier	14-06-2016	100000	12 month	IEDC-Dep	Government
8	E-bin waste separation	Mr. Santosh Kumar N	Electronics and	12-03-2016	100000	12 month	IEDC	Government
TOTAL AMOUNT					1109000			

TOTAL SANCTIONED AMOUNT FOR THE YEAR 2016-17 IS ELEVEN LAKH NINE THOUSAND RUPEES ONLY



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-2334 1652, 2334 8848, 2334 8849 ♦ Telefax: 080-2334 8840

Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Dr. S. G. Sreekanteswara Swamy
Executive Secretary

27th March 2017

Ref: 7.1.03/SPP/1112

The Principal
Sri Sairam College of Engineering
Formerly Shirdi Sai Engineering College,
Saileo Nagar, Samandhur(PO),
Anekal,
Bengaluru - 562 106

Dear Sir,

Sub : Sanction of Student Project - 40th Series: Year 2016-2017
Your Project Proposal Reference No. : **40S_BE_1836**

Ref : Your Project Proposal entitled " **ENVIRONMENT NOISE AND POLLUTION MONITORING SYSTEM**

I am happy to inform that your project proposal referred above, has been approved by the Secretary, KSCST for "Student Project Programme - 40th Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Ms. Sushma N and others	Budget	Amount (Rs)
		Materials/Consumables	3,500.00
Guide/s	Prof. C Sivaprakash, Mr. N Bhuvaneshwari	Labor	-
		Travel	-
Department	Electronics And Communication Engineering	Miscellaneous	-
		Report	500.00
		TOTAL	4,000.00
Rupees Four Thousand			

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- The project should be completed in all respects and one copy of the hardbound report along with softcopy of the full report in a CD (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project sanction reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

Forwarded to 'OS'
Ed 18/04/17



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-2334 1652, 2334 8848, 2334 8849 ♦ Telefax: 080-2334 8840

Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Dr. S. G. Sreekanteswara Swamy
Executive Secretary

27th March, 2017

Ref: 7.1.03/SPP/1112

The Principal
Sri Sairam College of Engineering
Formerly Shirdi Sai Engineering College,
Saileo Nagar, Samandhur(PO),
Anekal,
Bengaluru - 562 106

Dear Sir,

Sub : Sanction of Student Project - 40th Series: Year 2016-2017
Your Project Proposal Reference No. : **40S_BE_1831**

Ref : Your Project Proposal entitled " **PUBLIC WATER SUPPLY GRID MONITORING TO AVOID TAMPERING AND WATER MAN FRAUD USING IOT**

I am happy to inform that your project proposal referred above, has been approved by the Secretary, KSCST for "Student Project Programme - 40th Series" and has been sanctioned with a budgetary break-up as detailed below:

Students	Ms. Nirosha S V and others	Budget	Amount (Rs)
		Materials/Consumables	3,500.00
Guide/s	Dr. B Shadaksharappa, Mrs. Lorate Shiny	Labor	-
		Travel	-
Department	Computer Science And Engineering	Miscellaneous	-
		Report	500.00
		TOTAL	4,000.00
Rupees Four Thousand			

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- The project should be completed in all respects and one copy of the hardbound report along with softcopy of the full report in a CD (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project sanction reference number printed above** in all your future correspondences.
- Important: After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following points:
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords



Sri

SAIRAM

COLLEGE OF ENGINEERING

Anekal, Bengaluru

2



Certificate of Achievements



IEDC

This is to certify that

Prof. Malini K V

has Mentored the IEDC (DST) Govt. of India Sponsored Innovation

Project Titled

"Wireless Pressure Monitoring System-TAP-ME"

**toward Successfull Completion. The Project is recognized for
Innovation and potential for Entrepreneurship during the Year**

2016-17.

K. V. Malini
K. V. MALINI
Coordinator

Dr. Y. Vijayakumar
Dr. Y. VIJAYAKUMAR
Principal

Sai Prakash Leomuthu
SAI PRAKASH LEOMUTHU
Chief Executive Officer

Sairam
INSTITUTIONS





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SAIRAM
COLLEGE OF ENGINEERING
Anekal, Bengaluru



This is to certify that

Prof. Ravi V Angadi

has Mentored the IEDC (DST) Govt. of India Sponsored Innovation

Project Titled

"SNGE-Smart New Gen Electricity for Smart City"

**toward Successfull Completion. The Project is recognized for
Innovation and potential for Entrepreneurship during the Year**

2016-17.

K.V.
K. V. MALINI
Coordinator

Dr. Y. Vijayakumar
Dr. Y. VIJAYAKUMAR
Principal

Sai Prakash Leomuthu
SAI PRAKASH LEOMUTHU
Chief Executive Officer



PATENT OFFICE
INTELLECTUAL PROPERTY BUILDING
 G.S.T. Road, Guindy, Chennai-600032
 Tel No. (091)(044) 22502081-84 Fax No. 044 22502066
 E-mail: Chennai-patent@ipc.in
 Web Site: www.ipindia.gov.in



CHALLAN - TR-5
 DOCKET NO. 42737

Date/Time : 07/07/2017

To,
 RAVI V ANGADI
 DEPT OF EEE, SRI SAIRAM COLLEGE OF ENGINEERING, SAI LEO NAGAR, GUDDANAHALLI (PO), ANEKAL, BENGALURU,
 KARNATAKA - 562106 raviangadi414@gmail.com

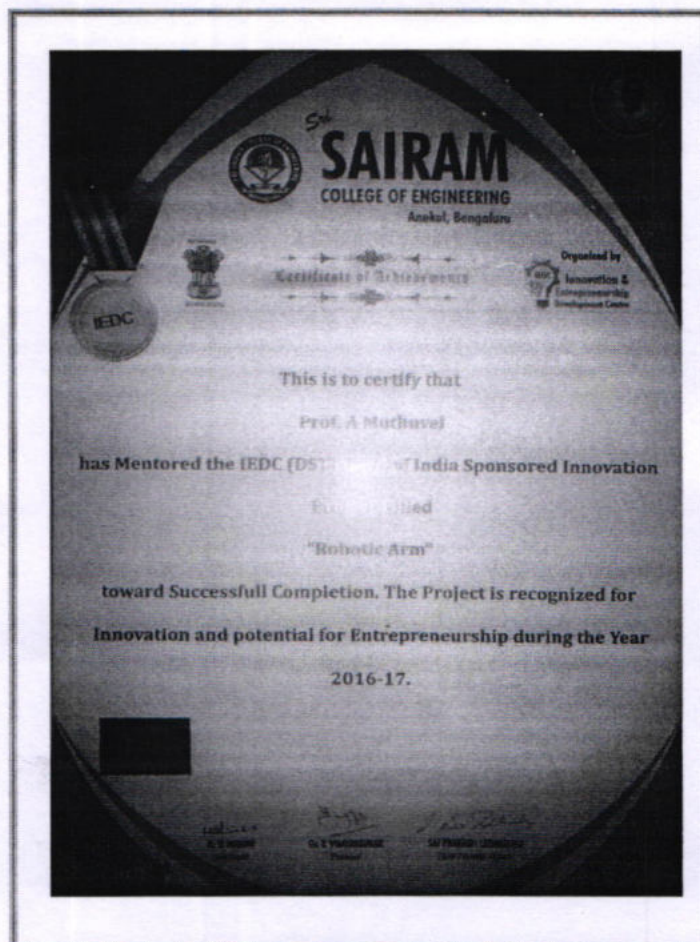
Agent Number:

Sr. No.	CBR No.	Reference Number Application Type	Application Number	Title/Remarks	Amount Paid
1	23073	ORDINARY APPLICATION	201741023902	SNGE- SMART NEW GEN ELECTRICITY FOR SMART CITY	1750
2		E-101/15362/2017-CHE	201741023902	Correspondence	0
3		E-2/1686/2017-CHE	201741023902	Form2	0
4		E-3/15988/2017-CHE	201741023902	Form3	0
Total					1750

Received a sum of Rs. 1750 (Rupees One Thousand Seven Hundred & Fifty only) through

Payment Mode	Bank Name	Cheque/Draft Number	Cheque/Draft Date	Amount in Rs
Draft	Corporation Bank	902201	03/07/2017	1750

Note: This is electronically generated receipt hence no signature required.



Sieger Technologies

Plot No.814, Survey No.229 to 246, Block No.4, B N Reddy Nagar, Cherlapally, Hyderabad - 500051
E- mail: sigertechnology@gmail.com Contact: 91-9494887725,7893418971

Memorandum of Understanding Between Sieger Technologies and Sri Sai Ram College of Engineering, Chennai.

Note: In the whole document "Sieger Technologies" shall be referred as "Promisor" and "Sri Sai Ram College of Engineering" shall be referred as "Promisee" from here onwards.

Subject: This MoU lists down the set of agreements between both promisor and promisee in regard of Solar Vehicle for the event ESVC'17.

1. The solar vehicle required for the participation by promisee shall be designed, fabricated and will be lent by the promisor.
2. The promisee will not have any legal rights over the solar vehicle and should return the vehicle after the stipulated period of time intact.
3. The promisee should get the duty exemption certificate in order to buy the parts from other countries.
4. The promisee should buy the motor required for the vehicle, however the promisor will purchase the battery.
5. Any repairs for the damages caused to the vehicle during the lease period shall be borne by the promisee.
6. The promisee shall portray the vehicle as their own design in the period of event only.
7. The promisor shall not make any claims over the prize money won using this solar vehicle.
8. Any Kind of technical details of the vehicle shared to the promisee are to be destroyed immediately after the termination of the MoU Period.
9. The promisor shall refer the promisee as "Educational Partner" and use the details of the promisee (such as logos, branding, etc.,) from the date of signing the MoU.
10. The promisee shall arrange for a summer internship program in their college and bring up the required amount of registrations to conduct the program successfully.

Managing Partner
ANJAN PRASAD
Sieger Technologies



Sri

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COLLEGE OF ENGINEERING

Anekal, Bengaluru



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GOVT. OF INDIA



Certificate of Achievements

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Innovation &
Entrepreneurship
Development Centre

IEDC

This is to certify that

Dr. B Shadaksharappa

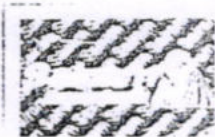
has Mentored the IEDC (DST) Govt. of India Sponsored Innovation

Project Titled

"AGRIKART": A Complete Agricultural Kit

**toward Successfull Completion. The Project is recognized for
Innovation and potential for Entrepreneurship during the Year**

2016-17.

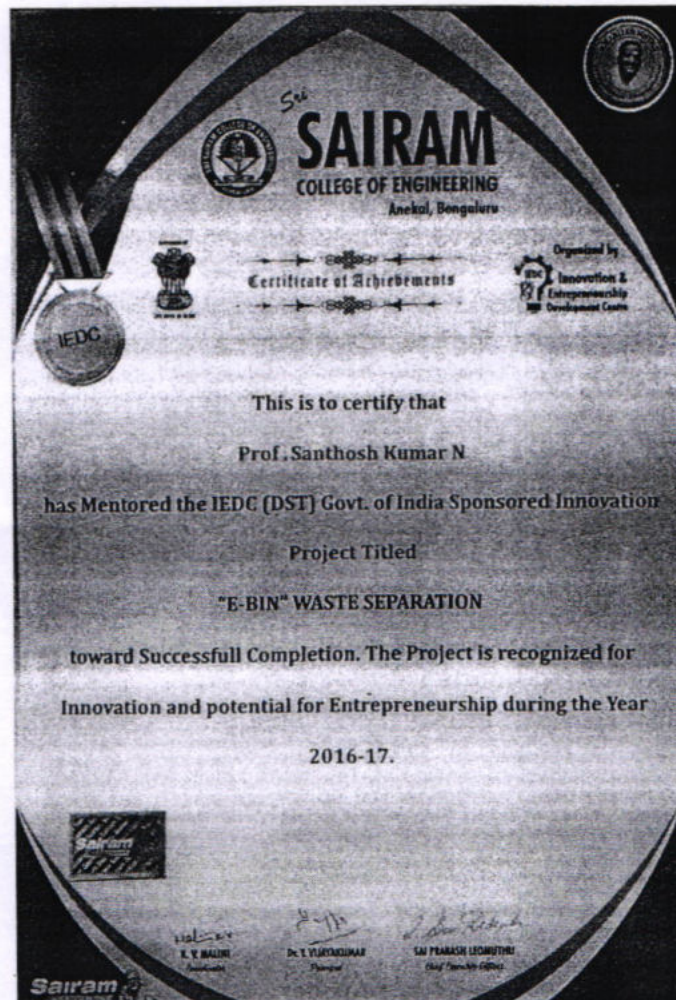


K. V. MALINI
Principal

Dr. Y. VIJAYAKUMAR
Vice-Chancellor

SAI PRAKASH LEOMUTHU
Chief Executive Officer

Sairam



3.1.1 Grants for research projects sponsored by the government/non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution during the l.

3.1.3 Number of research projects per teacher funded by government and non-government agencies during the last five years (For UG Colleges weightage of this metric will be 7) (4)

Sno	Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co-investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/ non-Government)
1	Senior security supervise system	Mrs. P.Kalamani	Computer Scier	18-02-2016	5000	3 months	KSCST	Governmen
2	Krushikakshak	Ms. MALINI. K. V	Electrical and E	21-01-2016	100000	4 months	IEDC,DST	Governmen
3	Vov fiero	Ms. MALINI. K. V	Electrical and E	21-01-2016	100000	4 months	IEDC,DST	Governmen
4	"Design and fabrication of solar and	Dr. C ANIL KUMAR	Mechanical Eng	21-01-2016	40000	6 months	VGST	Governmen
5	Bore well child rescue robot	Mr. A MUTHUVEL	Mechanical Eng	01-06-2015	100000	12 month	IEDC	Governmen
6	Wireless charging of mobile phones	Mr. RAJA.G.V.	Electronics and	03-02-2015	100000	15 month	IEDC	Governmen
7	Virtual controller	Dr. B. Shadaksharap	Computer Scier	02-03-2015	100000	11 month	IEDC	Governmen
TOTAL AMOUNT					545000			

TOTAL SANCTIONED AMOUNT FOR THE YEAR 2015-16 IS FIVE LAKH FORTY FIVE THOUSAND RUPEES ONLY



Karnataka State Council for Science and Technology
Indian Institute of Science Campus, Bangalore - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840
Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Dr. S. G. Sreekanteswara Swamy
Executive Secretary

Ref: 7.1.03/SPP/1148

23rd March, 2016

The Principal
Sri Sairam College of Engineering,
Sai Leo Nagar, Anekal,
Bengaluru 562106

Dear Sir,

Sub : Sanction of Student Project - 39th Series: Year 2015-2016
Your Project Proposal Reference No. : 39S_BE_0585

Ref : Your Project Proposal entitled : **SSSS- SENIOR SECURITY SUPERVISE SYSTEM**

I am happy to inform that your project proposal referred above, has been approved by the Secretary, KSCST for "Student Project Programme - 39th Series" and has been sanctioned with a budgetary break-up as detailed below:

Students	Sushma.R and others	Budget	Amount (Rs)
Guide/s	Prof.B.Shadaksharappa & Ms.P.Kalamani	Materials/Consumables	2,000.00
Department	Computer Science And Engineering	Labor	-
		Travel	-
		Miscellaneous	500.00
		Report	500.00
		TOTAL	3,000.00
Rupees	THREE THOUSAND	ZERO HUNDRED ONLY	

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- The project should be completed in all respects and one copy of the hardbound report along with softcopy of the full report (including coverpages, abstract and preliminary pages) in a CD (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your project proposal reference number printed above in all your future correspondences.
- Important: After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following points:
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords



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COLLEGE OF ENGINEERING

Anekal, Bengaluru

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**Innovation &
Entrepreneurship
Development Centre**

Certificate

This is to Certify that

Prof. MALINI. K.V

has Mentored the IEDC (DST) Sponsored innovative project titled

**"KRUSHI RAKSHAK: A FIELD GUARD FARMERS
FRIEND"**

*towards successfull completion. The Project is recognized for
Innovation and Potential for Entrepreneurship. during
the Year 2015-16.*



malini K.V

Smt. K. V. MALINI
Coordinator

Y Y M

Dr. Y. VIJAYAKUMAR
Principal

Sri Sai Prakash Leomuthu

SRI SAI PRAKASH LEOMUTHU
Chief Executive Officer





SAIRAM

COLLEGE OF ENGINEERING

Anekal, Bengaluru

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**Innovation &
Entrepreneurship
Development Centre**

Certificate

This is to Certify that

Prof. R. GUNASEKARI

has Mentored the IEDC (DST) Sponsored innovative project titled

"VOV FIERO- A FIRE FIGHTING ROBO"

*towards successfull completion. The Project is recognized for
Innovation and Potential for Entrepreneurship. during
the Year 2015-16.*



malini K.V

Smt. K. V. MALINI

Coordinator

Y. Y. M

Dr. Y. VIJAYAKUMAR

Principal

S. Sai Prakash

SRI SAI PRAKASH LEOMUTHU

Chief Executive Officer



GOVERNMENT OF KARNATAKA

Vision Group on Science and Technology

Department of Information Technology, Biotechnology and Science & Technology

Karnataka Government Secretariat, 7th Floor, 4th Stage, M. S. Building, Dr. Ambedkar Veedhi, Bangalore-560 001

Phone: 080-2203 2013, E-mail: visiongroup.st@gmail.com Website: www.vgst.in

Dr. S. Ananth Raj

Consultant

No. VGST/TRIP/2015-16/

Date: 05.03.2016

VGST – GRANT SANCTION LETTER

To,
The Principal,
Sri Sairam College of Engineering,
Bangalore

Dear Sir/Madam,

Greetings from Vision Group on Science and Technology (VGST)

Sub: Sanction letter of VGST, DST, Gok for the release of TRIP
Support grant (FY: 2015-16).

1. The vision Group on Science and Technology (VGST) was constituted in October 2008 under the chairmanship of distinguished Scientist Bharat Ratna Prof. C.N.R. Rao, FRS., Chairman, National Research Professor and Honorary President and Linus Pauling Research Professor. The VGST is functioning under the aegis of Department of Information Technology, functioning under the aegis of Department of Information Technology, Biotechnology and Science and Technology (Dept. IT, BT and S&T), Government of Karnataka (GoK). The main objective of VGST is to promote Science Education and Research activities among students, teachers and researchers of Karnataka State.
2. In this context, Technology Related Innovative Projects (TRIP) was introduced as one of the flagship programmes of VGST in the FY 2010-11. The objective of TRIP programme is to identify & explore the innovative abilities of students to encourage research work on frontier areas of Science & Technology.
3. I am here with enclosing a crossed cheque for Rs.40,000=00 (Forty Thousand only) vide cheque No. 124804 dated 5/3/16 to the TRIP project. Kindly acknowledge the receipt of this grant. The acknowledgement letter is enclosed.

Sl. No.	Name of the College & Place	Name of the Student	Project Title
1	Sri Sairam College of Engineering, Bangalore	1) Karthik H.R 2) Ashok	Design and fabrication of solar and wind hybrid powered automatic pumping and purification of water for rural and remote place application (HIPPU)

4.

1.	TRIP Project Duration	5 Months (01/03/2016 to 31/07/2016)
2.	Last date for the submission of the following by institution for the TRIP programme (2015-16). (a) Project Report (PR) (b) Audited Utilization Certificate (AUC) (c) Expenditure Statement (ES)	31/07/2016
It is mandatory to submit the PR, AUC & ES to VGST by 31/07/2016.		

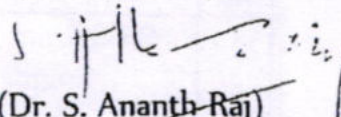
5. The Trip grant has to be utilized by the awardee students only in accordance with the VGST approved Expenditure Allocation as given below.

Expenditure Allocation		
Budget Head	Particulars	Grant Amount (In Percent)
A	(1) Equipment	80% of the Allocated Grant (Rs.32,000/-)
	(2) Chemicals	
	(3) Glass Ware	
	(4) Biological Specimen	
	(5) Electronic & Mechanical Spare Parts	
	(6) Outsourcing –for chemical analysis and other analytical work (if required)	
B	(1) Stationary	20% of the Allocated Grant (Rs.8,000/-)
	(2) Books and journals, reading material	
	(3) Preparation of project report	

6. In case of non-utilization of TRIP grant, the college authorities have to return the grant through crossed cheque or DD favouring "Scientific Officer, Dept. of IT, BT and S & T.
7. It is mandatory to complete the TRIP on or before 31st July 2016. VGST also request the college Principal to release the entire VGST grant to the Project Mentor as soon as you receive this letter and the cheque to initiate the project work.

Thanking you,

Yours faithfully,


(Dr. S. Ananth Raj)



Government of Karnataka
Vision Group on Science and Technology
 Department of Information Technology, Biotechnology and Science & Technology

LIST OF SELECTED - PROPOSALS
TECHNOLOGY RELATED INNOVATIVE PROJECTS (TRIP)
 (FY: 2015-16)

Sl. No.	Name of the College & Place	Name of the Student	Project Title
1	Mangalore Science College Mangalore, Shimoga	1. Pooja D. 2. Anshu P.S.	Arduino based sun tracking Solar street light that glows on detecting vehicle movement
2	R.A.C. College of Engineering Mangalore	1. Vishal Kumar D.S. 2. Prayash R.	UV protective nano-finished fabrics using Indian eucalypt (Eucalyptus) ink wastewater
3	SRI Institute of Technology BGS Health & Education City, Bangalore	1. Vidya Chethan B.S. 2. Shashank M.G.	An approach towards Development and Analysis of Aerial-guided Navigation of a Ground Robot
4	Alva's Institute of Engineering & Technology Maddur	1. Anup Jalal Dhanu 2. Naveen S. Shetty	Design and Fabrication of manually operated Multipurpose, Multi-use Wood Remover
5	BMS College of Engineering Bangalore	1. Parvati M.G. 2. Shashikala N.	Design and Development of wearable NAUX PARASHA YANTRA
6	New Horizon College of Engineering Bangalore	1. Sushree A.S. 2. Sarita Singh	Internet of Things(IOT) based Traffic Monitoring
7	Angadi Institute of Technology and Management, Belgaum	1. Pragati Reddy 2. Shweta Patil	Photocatalysis - A Smart Stereoscope
8	BM Patel Medical College B.D. University, Vijayapura	1. Ravi Ganesh	Hematological Changes Pre & Post Haemodialysis in Chronic Renal Failure
9	BUDAX College of Pharmacy Bijapur	1. Kinnu C. Nandhar	Evaluation of Hepatoprotective activity of Clove (Nucifera) Flowers
10	St. Mary's College Mangalore	1. Asha J. 2. Shashika Parvath	Isolation and Production of bacteriocin - a new generation antibiotic from marine sources
11	MVA College of Engineering Bangalore	1. Rebecca R. Dhruva 2. Eden Olga Pereira	Photo-Catalysis of waste water and production as well as separation of Hydrogen by using zeolite coated membrane
12	GLS College Institute of Technology Belgaum	1. Abhinav H. 2. Lohit J.	Paper Battery

28	Jay Shree College of Engineering, Bangalore	1. Karthik S.A. 2. Ashok	Design and fabrication of solar and wind hybrid powered automatic pumping and purification of water for rural and remote place application (RDPA)
29	Basu Chatterjee University, Bengaluru	1. Ganesan Manickavas 2. Karan Deshpande	Environmental remediation of polychlorinated biphenyls (PCBs) using Zero-valent Fe & Cu Nanoparticles
31	Postgraduate Institute of Science, Bangalore	1. Neha Shanth	Design and Development of Multidimensional SiO ₂ , X ₂ O (X=Ta, Nb) Nanocomposites and thin films for Photocatalytic and Gas Sensor Applications
32	K. J. Somaiya Institute of Engineering and Technology, Mumbai	1. Sachin Karmali 2. Radha Kulkarni	Gas leak indication system with automatic blocking
33	Visvesvaraya Institute of Technology, Mumbai	1. Anil S. Lingam 2. Chetan S. Bhat	Smart Ink
34	M. S. Ramaiah Institute of Technology, Bangalore	1. Maryanah B. B. 2. Dhakshina B. A.	Novel method of automatic counting of silkworm Eggs
35	Gouti Arts and Science College, Karnataka	1. Nandana G. Paul 2. Smita S. Panigrahi	Exploring the gerostatic potential of Diabrotica on the hatchlings of soy bean
36	Dr. Balakrishna Institute of Technology, Bengaluru	1. Harish Shetty 2. Shivanand Akkingerahalli	Automatic traffic signal changer for (Emergency Vehicle)
37	Nitte Dharwad Institute of Technology, Bangalore	1. Shwetha D.N. 2. Sandhya	Low cost health monitoring and management systems for elderly people in rural areas
38	Shree Dharmasthali Maharajawade College, Udupi	1. Varsha Reddy S.S. 2. Ravi Tejaswini Jahan	Investigating the role of lutein (Musa sap. Var. Marjagatal rice bulb) flower as a dietary approach in preventing hyperglycaemia and associated diabetic complications
39	Sri M. Y. Government Science College, Bhadravathi	1. Divyashree K. 2. Varsha K.	Studies on adjuvant nitrogen and tanninrich indica leaves for their antioxidant activity
40	East West Institute of Technology, Bangalore	1. Yagnesh C. 2. Narayana K.	Development of Nano metal borates for battery and super capacitor applications
41	GSSS Institute of Engineering of Technology for Women, Mysore	1. Asha J. 2. Shobha S.	Automate Accident Detection and Ambulance Rescue with Intelligent Traffic Light System
42	Sriyani Institute of Technology, Mangalore	1. Kiran N.S. 2. Karthik G. Bhat	Intelligent Helmet
43	Sriphages College of Engineering Bangalore	1. Soudaryani S. 2. Sneha N.	Ayurvedic Medicinal Kit



SAIRAM
COLLEGE OF ENGINEERING

Autonomous Institute



Ministry of Education

Quarterly

Report

2015-16

Prof. G. V. KATA

has Mentored the IEDC (DST) Sponsored innovative project titled

**"WIRELESS CHARGING OF MOBILE PHONES
USING MICROWAVES"**

towards successful completion. The Project is recognized for
Innovation and Potential for Entrepreneurship during
the Year 2015-16



Prof. G. V. KATA

Dr. Y. PRAKASH

Dr. Y. PRAKASH



SHIRDI SAI ENGINEERING COLLEGE

Sai Leo Nagar, Guddenahalli Post,
Anekal, Bengaluru - 562106

Date:-06-10-16

To,

Dr.Y.Vijayakumar
Principal
SSEC, Anekal-562106

Respected Sir,

Sub:Release of IEDC fund to selected student projects-DST 2015-16-IEDC Account-DST Projects-Reg.

I am glad to inform you that our student teams have been selected under the scheme of Innovation and Entrepreneurship Development Centre assisted by Department of Science and Technology. The recommended Five student projects (S.No.01 to 05) to be Sponsored under IEDC,DST Scheme shown below..

In view of the above, the students of five teams have submitted their request letter for funding to work on projects and to progress further.

Please find below the details of the selected student projects for your kind perusal.

Sl. No	Title Of The Project	Team	DEPT	Name Of The Mentor	Requested Amount (1 st Installment) In Rupees
1	"Virtual controller"	1. Prajwala R Reddy 2. Pragathi 3. Arshitha R 4. A Vignesh	CSE	Dr. B. Shadaksharappa	Chequeno.485545 CBI/Dtd:-07-10-16 20,986.00
2	Krushi Rakshak: A Field Guard Farmers Friend	1. Mahesh M 2. Ashwini Chandran 3. T Nikhitha	EEE	Ms. Malini K V & Mrs. R Gunasekari	Chequeno.485548 CBI/Dtd:-07-10-16 20,440.00
3	Borewell Child Rescue Robot System	1. Harsha Krishna Raju R 2. Hari Krishna Raju R 3. Hariharan K 4. Inayathulla	MECH	Prof. Sivasakthi Balan Prof. Muthuvelu	Chequeno.485546 CBI/Dtd:-07-10-16 20900.00
4	Wireless Charging Of Mobile Phones Using Microwaves	1. Mahesh R 2. Vedhavathi N 3. Sowmya K M 4. Sitara Pradeep Goudar	ECE	Prof. J.Suganya & Prof. G.V.Raja	Chequeno.485547 CBI/Dtd:-07-10-16 20,220.00
5	Vov Fiero- A Fire Fighting Robo	1. N Veda Lakshmi 2. Padma G N 3. Mohan K 4. Vijayakumar N	EEE	Ms. Malini Kv & Mrs. R Gunasekari	Chequeno.485544 CBI/Dtd:-07-10-16 20,545.00

In this regard, I request you to release the sum requested by the teams (mentioned against each project) as first installment in the name of their respective guides per project from IEDC Account.

Thanking you,

Yours Sincerely,

Malini K V

Ms. Malini K V
Asst. Prof & HOD EEE
IEDC Coordinator
SSEC, Anekal-562106

Encl: Copy of Selection List

IEDC
- Gocf
- Pl. distribute accordingly
- Sent info to H.O.
J. G. 11

DESPATCHED

3.1.1 Grants for research projects sponsored by the government/non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution during the last five years (For UG Colleges weightage of this metric will be 7) (4)

3.1.3 Number of research projects per teacher funded by government and non-government agencies during the last five years (For UG Colleges weightage of this metric will be 7) (4)

Sno	Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co-Investigator	Department of Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/ non-)
1	Suvidhan	Ms. MALINI. K. V	Electrical and	22-01-2015	100000	4 months	IEDC,DST	Government
2	I glove	Ms. MALINI. K. V	Electrical and	22-01-2015	100000	4 months	IEDC,DST	Government
3	Beap	Mrs. Bhuvaneswari.N	Electronics a	01-01-2015	100000	4 months	DST	Government
4	Centralized blood bank database usi	Dr. B. Shadaksharap	Computer Sc	14-01-2015	4000	2 months	KSCST	Government
5	Monitoring vehicle's exhaust	Mr Halesh	Electronics a	03-12-2014	5000	12 month	KSCST	Government
6	Fu-sure Instro	Mr. Santosh Kumar N	Electronics a	03-12-2014	100000	12 month	IEDC	Government
7	Detection of fake note within an ATM	Mr. Santosh Kumar N	Electronics a	03-12-2014	30000	12 month	VGST	Government
8	Piracy cop-film piracy avoidance usi	Dr. B. Shadaksharap	Computer Sc	03-12-2014	100000	11 month	IEDC	Government
TOTAL AMOUNT					539000			

TOTAL SANCTIONED AMOUNT FOR THE YEAR 2014-15 IS FIVE LAKH THIRTY NINE THOUSAND RUPEES ONLY



Sri SAIRAM COLLEGE OF ENGINEERING

Formerly Shirdi Sai Engineering College

(An ISO 9001 : 2008 Certified Institution)

Anekal, Bengaluru - 562 106. www.sairamce.edu.in



Innovation and Entrepreneurship Development Center



Certificate of Achievements



This is to certify that Prof. MALINI K V, EEE Dept. has Mentored the IEDC (DST) Sponsored innovative project titled "SUVIDHAN-THE KIOSK FOOD DISTRIBUTION FOR THE COMMON MAN" towards successful completion.

The Project is recognized for its Innovation in the field of engineering Technology during the Year 2014-15

Sairam
INSTITUTIONS



www.sairamgroup.in

Prof. MALINI. K. V
Coordinator - IEDC

Dr. Y. VIJAYAKUMAR
Principal

SAI PRAKASH LEOMUTHU
Chief Executive Officer





Sri SAI RAM COLLEGE OF ENGINEERING

(Formerly Shirdi Sai Engineering College)

(An ISO 9001 : 2008 Certified Institution)

Anekal, Bengaluru - 562 106. www.sairamce.edu.in



Innovation and Entrepreneurship Development Center



Certificate of Achievements



This is to certify that Mrs. MALINI K V, EEE Dept. has Mentored the IEDC (DST) Sponsored innovative project titled "I - GLOVE-A VIRTUAL TECHNOLOGY PLATFORM FOR THE AID OF SPECIAL NEEDS PEOPLE "

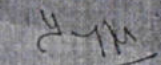
towards successful completion. The Project is recognized for its Innovation in the field of engineering Technology during the Year 2014-15


Sairam
INSTITUTIONS



www.sairamgroup.in


Prof. MALINI. K. V
Coordinator - IEDC


Dr. Y. VIJAYAKUMAR
Principal


SAI PRAKASH LEOMUTHU
Chief Executive Officer





Sst SAIRAM COLLEGE OF ENGINEERING

(An ISO 9001 : 2008 Certified Institution)

Anekal, Bengaluru - 562 106. www.sairamce.edu.in



Innovation and Entrepreneurship Development Center



Certificate of Achievements



This is to certify that Prof. BHUVANESHWARI N, ECE Dept. has Mentored the IEDC (DST) Sponsored innovative project titled "BEAP - BRAIN CONTROLLED ELECTRIC DEVICE AUTOMATION FOR PARA HELP" towards successful completion. The Project is recognized for its Innovation in the field of engineering Technology during the Year 2014-15



www.sairamgroup.in

Prof. MALINI K.V.
Coordinator - IEDC

Dr. Y. VIJAY KUMAR
Principal

SRI. PRAKASH GOMATHI
Chief Executive Officer



14-2015-7



Karnataka State Council for Science and Technology
Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-22341662, 22341664, 22341665 • Telefax: 080-22341660
Email: office@kscst.kscernet.in, office@kscst.org.in • Website: www.kscst.kscernet.in, www.kscst.org.in

Dr. S. G. Sreekanteswara Swamy
Fellow & Principal Investigator - SPP

12th March 2015

Ref: 7.1.03/SPP/IC18

The Principal
Shirdi Sai Engineering College,
Sai Leo Nagar, Samardur (PO),
Angkal, Bangalore - 562 106

Dear Sir,

Sub: Sanction of Student Project - 38th Series: Year 2014-2015

Your Project Proposal Reference No.: 3850574

Ref: Your Project Proposal entitled "CENTRALIZED BLOOD BANK DATABASE USING GPS MOBILE SYSTEM"

I am happy to inform that your project proposal referred above, has been approved by the Secretary, KSCST for "Student Project Programme - 38th Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Mr. Nithin M and others	Budget	Amount (Rs)
		Materials/Consumables	3,000.00
Guide/s	Dr. B. Shadaksharappa	Labor	-
		Travel	-
Department	Computer Science And Engineering	Miscellaneous	500.00
		Report	500.00
		TOTAL	4,000.00
Rupees	FOUR THOUSAND ZERO HUNDRED		

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- The project should be completed in all respects and one copy of the hardbound report along with softcopy of the full report in a CD (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your project sanction reference number printed above in all your future correspondences.
- Important:** After completing the project, 7 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.kscernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords



Karnataka State Council for Science and Technology
Indian Institute of Science Campus, Bangalore - 560 012

Telephone: 080-23341662, 23348848, 23348845 & Telex: 080 23348840
Email: office@kscst.iisc.ernet.in, office@kscst.org.in & Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Dr. S. G. Sreekanth Swamy
Fellow & Principal Investigator - SPP

12th March 2015

Ref: 7.1.03/SPP/IOI/8

The Principal
Shri Sai Engineering College,
Sai Leo Nagar, Samandur (PO),
Abkal, Bangalore - 562 106

Dear Sir,

Sub: Sanction of Student Project - 38th Series: Year 2014-2015
Your Project Proposal Reference No.: 38S0576
Ref: Your Project Proposal entitled "MONITORING VEHICLE'S EXHAUST"

I am happy to inform that your project proposal referred above, has been approved by the Secretary, KSCST for "Student Project Programme - 38th Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / a	Mr. Gaganika M.P. and others		Budget	Amount (Rs.)
			Materials/Consumables	2,000.00
Guide/s	Asst. Prof. Hakesha H.R. & Mr. Santosh Kumar R.		Labor	
			Travel	500.00
Department	Electronics And Communication Engineering		Miscellaneous	500.00
			Report	500.00
			TOTAL	5,000.00
Rupees	FIVE THOUSAND	ZERO HUNDRED		

The following are the guidelines to carryout the project work:

- The project should be performed based on the objectives of the proposal sent by you.
- The project should be completed in all respects and one copy of the hardbound report along with softcopy of the full report in a CD (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your project sanction reference number printed above in all your future correspondences.
- Important: After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail (spp@kscst.iisc.ernet.in) and should include following:
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords



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Anekal, Bengaluru - 562 106. www.sairamce.edu.in



Innovation and Entrepreneurship Development Center



Certificate of Achievements



This is to certify that Prof. SANTOSH KUMAR, ECE Dept. has Mentored the IEDC (DST) Sponsored innovative project titled "FU-SUREINSTRO" towards successful completion. The Project is recognized for its Innovation in the field of engineering Technology during the Year 2014-15



www.sairamgroup.in

Prof. MALINI. K. V
Coordinator - IEDC

Dr. Y. VIJAYAKUMAR
Principal

SAI PRAKASH LEOMUTHU
Chief Executive Officer





Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bengaluru - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840

Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Dr. S. G. Sreekanteswara Swamy
Fellow & Principal Investigator - SPP

⑦

12th March, 2015

Ref: 7.1.03/SPP/1018

The Principal
Shirdi Sai Engineering College,
Sai Leo Nagar, Samandur (PO),
Anekal, Bangalore - 562 106

Dear Sir,

Sub : Sanction of Student Project - 38th Series: Year 2014-2015

Your Project Proposal Reference No. : **38S0582**

Ref : Your Project Proposal entitled " **AUTOMATED AMBULANCE DETECTION AND TRAFFIC CONTROL USING ZIGBEE AND GSM**

I am happy to inform that your project proposal referred above, has been approved by the Secretary, KSCST for "Student Project Programme - 38th Series" and has been sanctioned with a budgetary break-up as detailed below:

Students	Mr. Malli J.N. and others	Budget	Amount (Rs)
		Materials/Consumables	4,000.00
Guide/s	Asst. Prof. Ravi V. Angadi & Mr. Madhava Rao J.	Labor	-
		Travel	-
Department	Electrical And Electronics Engineering	Miscellaneous	500.00
		Report	500.00
		TOTAL	5,000.00
Rupees	FIVE THOUSAND	ZERO HUNDRED	ONLY

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- The project should be completed in all respects and one copy of the hardbound report along with softcopy of the full report in a CD (.pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project sanction reference number printed above** in all your future correspondences.
- Important: After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following points:
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

4
243

5) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 30 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide.

The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

The following are the extract of comments / suggestions of the expert. The students and project guides are hereby directed to implement the same and will be looked into during evaluation of the project.

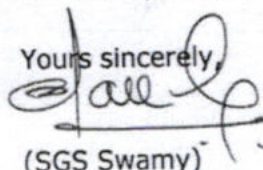
1) SIMILAR WORK EXISTS THE LITERATURE 2) GIVEN THE STATUS OF COLLEGE LOCATED IN ANEKAL & TYPE OF THE PROJECT, CAN BE APPROVED FOR FUNDING

The sanctioned amount will be sent separately by our Accounts Department.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Yours sincerely,



(SGS Swamy)

Copy to:

- 1) The Head of the Department of
Electrical And Electronics Engineering
Shirdi Sai Engineering College,
Sai Leo Nagar, Samandur (Po),
Anekal, Bangalore - 562 106
- 2) Asst. Prof. Ravi V. Angadi & Mr. Madhava Rao J.
Department of Electrical And Electronics Engineering
Shirdi Sai Engineering College,
Sai Leo Nagar, Samandur (Po),
Anekal, Bangalore - 562 106
- 3) The Finance Officer, KSCST, Bangalore



SHIRDI SAI ENGINEERING COLLEGE

Sai Leo Nagar, Guddenahalli Post,
Anekal, Bengaluru - 562106

Date:- 20-03-15

To,
Dr.Y.Vijayakumar
Principal
SSEC, Anekal-562106

Respected Sir,

Sub:Release of IEDC fund to selected student projects-DST 2014-15-IEDC Account-DST Projects-Reg.
I am glad to inform you that our student teams have been selected under the scheme of Innovation and Entrepreneurship Development Centre assisted by Department of Science and Technology. The recommended Five student projects (S.No.01 to 05) to be Sponsored under IEDC,DST Scheme shown below..

In view of the above, the students of five teams have submitted their request letter for funding to work on projects and to progress further.

Please find below the details of the selected student projects for your kind perusal.

Sl. No	Title Of The Project	Team	DEPT	Name Of The Mentor	Requested Amount (1 st Installment) In Rupees
1	Suvidhan-The Kiosk Food Distribution For The Common Man	1. Rashmi S 2. Lakshmi Devi H A 3. Shobhit Kumar Singh 4. Siddharth Wali	EEE	Ms. Malini Kv & Mrs. R Gunasekari	Cheque no.015758 CBI/Dtd:-27-07-15 22,055.00
2	Fu-Sure Instro	1. Ashwini Kumar K 2. Roshni J Reddy 3. Raagapriya S 4. Pooja K V	ECE	Mr. Santosh Kumar N & Mr. Halesha H R	Cheque no.015755 CBI/Dtd:-27-07-15 20,150.00
3	Beap - Brain Controlled Electric Device Automation For Para Help	1. Rakesh D Jogi 2. Vishwanath M R 3. Ravikiran Siddaveere 4. Thirumalai S	ECE	Mr. Sivaprakash C & Mrs. Bhuvaneshwari N	Cheque no.015756 CBI/Dtd:-27-07-15 19,991.00
4	Piracy Cop - Film Piracy Avoidance Using Infrared Technology	1. Sridhar R 2. Arun L 3. Shubha V 4. Prathima G	CSE	Dr. B. Shadaksharappa	Cheque no.015757 CBI/Dtd:-27-07-15 20,790.00
5	I - Glove-A Virtual Technology Platform For The Aid Of Special Needs People	1. Rashmi S 2. Lakshmi Devi H A 3. Shobhit Kumar Singh 4. Siddharth Wali	EEE	Ms. Malini Kv & Mrs. R Gunasekari	Cheque no.015754 CBI/Dtd:-27-07-15 19,983.00

In this regard, I request you to release the sum requested by the teams (mentioned against each project) as first installment in the name of their respective guides per project from IEDC Account.

Thanking you,

IEDC - Co. Coordinator

+ Geo-1

Pl. distribute

IC Amount through Accounts

Pl. send IC letter to Geo-1

20/3

Yours Sincerely,

Ms. Malini K V

Ms. Malini K V
Asst. Prof & HOD EEE
IEDC Coordinator
SSEC, Anekal-562106

Encl: Copy of Selection List

DESPATCHED

3.1.1 Grants for research projects sponsored by the government/non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution during

3.1.3 Number of research projects per teacher funded by government and non-government agencies during the last five years (For UG Colleges weightage of this metric will be 7) (4)

SNO	Name of the Project/ Endowments, Chairs	Name of the Principal Investigator/Co-investigator	Principal Investigator	Year of Award	Amount Sanctioned	Duration of the project	Funding Agency	(Government/ non-
1	Magico rullstol - a wheel chair for	Mrs. R. GUNASEKAR	Electrical and	27-07-2013	100000	10 month	IEDC-DS	Governmer
2	Technology for electrical manager	Mr. Sivaprakash C	Electronics a	01-08-2013	100000	11 month	DST	Governmer
3	Wifi Ambiquation to charge pacen	Mrs. R. GUNASEKAR	Electrical and	01-02-2014	6500	3 months	KSCST	Governmer
4	Shur - smart heating using a Refrig	Ms. MALINI. K. V	Electrical and	23-01-2014	100000	10 month	IEDC-DS	Governmer
5	Intelligent device for safety of women, mentally and physically	Dr. B. Shadaksharap	Computer Sc	07-01-2014	3500	2 months	KSCST	Governmer
6	Electrical energy harvesting tiles	Mrs. R. GUNASEKAR	Electrical and	01-02-2014	7500	3 months	KSCST	Governmer
7	Sensor to detect air quality in lm	Mr. Sivaprakash C	Electronics a	01-08-2013	100000	11 month	DST	Governmer
8	Android Based Integrated Indoor Navigation System for Visually Imapired People	Dr. B. Shadaksharap	Computer Science and Engineering	07-01-2014	100000	11 month	IEDC	Governmer



SHIRDI SAI ENGINEERING COLLEGE

ANEKAL, BANGALORE



Certificate of Achievement

This is to certify that **Prof. R. Gunasekari, EEE Dept.** has Mentored the IEDC (DST)

Sponsored Innovative Project titled **MAGICO RULLSTOL - "A WHEEL**

CHAIR FOR COMPLETELY LIMBLESS PERSONS" towards successful

completion. The project is recognized for its Innovation in the field of engineering

Technology during the year 2013-14.



Ms. Malini.K.V
Ms. Malini.K.V

Coordinator - IEDC

Dr. Y. Vijayakumar
Dr. Y. Vijayakumar

Principal

MJE. Lion. Leo. Muthu
MJE. Lion. Leo. Muthu

Chairman

Sairam
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2013-14-18

ECE

13 - 2014

6

Innovation and Entrepreneurship
Development Center**SHIRDI SAI ENGINEERING COLLEGE**

ANEKAL, BANGALORE

*Certificate of Achievement*

This is to certify that Prof. C. Sivaprakash, ECE Dept. has Mentored the IEDC (PST) Sponsored Innovative Project titled **TEAM - "TECHNOLOGY FOR ELECTRICAL MANAGEMENT IN AUTOMOBILES"** towards Successful completion the project. is recognized for its Innovation in the field of engineering technology during the year 2013-14.



Ms. Malini.K.V
Ms. Malini.K.V
Coordinator - IEDC

Dr. Y. Vijayakumar
Dr. Y. Vijayakumar
Principal

MJE. Lion. Leo. Muthu
MJE. Lion. Leo. Muthu
Chairman

Sairam
INSTITUTE



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bangalore - 560 012

Telephone: 080-23341652, 23348848, 23348849 ♦ Telefax: 080-23348840

Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Dr. S. G. Sreekanteswara Swamy
Fellow & Principal Investigator - SPP

6th March 2014

Ref: 7.1.03/SPP/ 1135

The Principal
Shirdi Sai Engineering College
Sai Leo Nagar, Samandur (PO),
Anekal,
Bangalore 562106

Dear Sir,

Sub : Sanction of Student Project - 37th Series: Year 2013-2014

Your Project Proposal Reference No. : **37S0315**

Ref : Your Project Proposal entitled " **WIFI AMBIQUATION TO CHARGE PACEMAKER**

I am happy to inform that your project proposal referred above, has been approved by the Secretary, KSCST for "Student Project Programme - 37th Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Mr.Debashish Das and others	Budget		Amount (Rs)
		Materials/Consumables		6,000.00
Guide/s	Prof.R.Gunasekari	Labor		-
		Travel		-
Department	Electrical And Electronics Engineering	Miscellaneous		-
		Report		500.00
		TOTAL		6,500.00
Rupees	SIX THOUSAND	FIVE HUNDRED		

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- The project should be completed in all respects and one copy of the hardbound report along with softcopy of the full report in a CD (.doc and .pdf format) should be submitted to KSCST.
- Any change in the project title and objectives, etc., or students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your **project sanction reference number printed above** in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail [spp@kscst.iisc.ernet.in] and should include following :
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

5) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

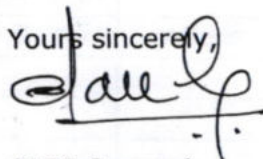
The sanctioned amount will be sent separately by our Accounts Department.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(SGS Swamy)

Copy to:

1) The Head of the Department of
Electrical And Electronics Engineering
Shirdi Sai Engineering College
Sai Leo Nagar, Samandur (Po),
Anekal,
Bangalore 562106

2) Prof.R.Gunasekari
Department of Electrical And Electronics Engineering
Shirdi Sai Engineering College
Sai Leo Nagar, Samandur (Po),
Anekal,
Bangalore 562106

3) The Finance Officer, KSCST, Bangalore



SHIRDI SAI ENGINEERING COLLEGE

ANEKAL, BANGALORE



Certificate of Achievement

This is to certify that **Prof. Malini.K.V, EEE Dept.** has Mentored the IEDC

(DST) Sponsored Innovative Project titled **SHUR- "SMART HEATING USING A**

REFRIGERATOR" towards successful completion. The project is recognized for its

Innovation in the field of engineering Technology during the year 2013-14.

Malini K.V
Ms. Malini.K.V

Coordinator - IEDC

Dr. Y. Vijayakumar
Dr. Y. Vijayakumar

Principal

MJF. Lion. Leo. Muthu
MJF. Lion. Leo. Muthu

Chairman



Sairam
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2014



Karnataka State Council for Science and Technology
Indian Institute of Science Campus, Bangalore - 560 012

Telephone: 080-23341852, 23348849, 23348840 & Telefax: 080-23348840
Email: office@kscst.ksc.ac.in, office@kscst.org.in & Website: www.kscst.ksc.ac.in, www.kscst.org.in

Dr. S. G. Sreekanteswara Swamy
Fellow & Principal Investigator - SPP

Ref: 7.1.02/SPP/ 1136

6th March 2014

The Principal
Shirdi Sai Engineering College
Sai Lax Nagar, Somasur (PC),
Anekal,
Bangalore 562105

Dear Sir,

Sub: Sanction of Student Project - 37th Series: Year 2013-2014

Your Project Proposal Reference No.: 37S0310

Ref: Your Project Proposal entitled "

**INTELLIGENT DEVICE FOR SAFETY OF WOMEN,
MENTALLY AND PHYSICALLY CHALLENGED LADIES
AND CHILDREN USING EMBEDDED SYSTEM**

I am happy to inform that your project proposal referred above, has been approved by the Secretary, KSCST for "Student Project Programming - 37th Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Mr. Sunny Kumar and others	Budget	Amount (Rs)
		Materials/Consumables	3,000.00
Guide/s	Prof. Asha S. Monek	Labce	-
		Travel	-
Department	Computer Science And Engineering	Miscellaneous	-
		Report	500.00
		TOTAL	3,500.00
Rupees	THREE THOUSAND	FIVE HUNDRED	

The following are the guidelines to carryout the project work:

- The project should be performed based on the objectives of the proposal sent by you.
- The project should be completed in all respects and one copy of the hardbound report along with softcopy of the full report (in a CD (.doc and .pdf format)) should be submitted to KSCST.
- Any change in the project title and objectives, etc., of students is liable to rejection of the project and the amount sanctioned needs to be returned to KSCST.
- Please quote your project sanction reference number printed above in all your future correspondences.
- Important:** After completing the project, 2 to 3 page write-up (synopsis) needs to be sent by e-mail (scst@kscst.ac.in) and should include following:
 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

KSCST +2
Handwritten signature



Karnataka State Council for Science and Technology

Indian Institute of Science Campus, Bangalore - 560 012

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Email: office@kscst.iisc.ernet.in, office@kscst.org.in ♦ Website: www.kscst.iisc.ernet.in, www.kscst.org.in

Dr. S. G. Sreekanteswara Swamy
Fellow & Principal Investigator - SPP

6th March 2014

Ref: 7.1.03/SPP/ 1135

The Principal
Shirdi Sai Engineering College
Sai Leo Nagar, Samandur (PO),
Anekal,
Bangalore 562106

Dear Sir,

Sub : Sanction of Student Project - 37th Series: Year 2013-2014

Your Project Proposal Reference No. : **37S0314**

Ref : Your Project Proposal entitled " **ELECTRICAL ENERGY HARVESTING TILES BASED ON HYBRID PIEZOELECTRIC TECHNOLOGY**

I am happy to inform that your project proposal referred above, has been approved by the Secretary, KSCST for "Student Project Programme - 37th Series" and has been sanctioned with a budgetary break-up as detailed below:

Student / s	Mr.Atul Sinha and others	Budget		Amount (Rs)
		Materials/Consumables		7,000.00
Guide/s	Prof.R.Gunasekari	Labor		-
		Travel		-
Department	Electrical And Electronics Engineering	Miscellaneous		-
		Report		500.00
		TOTAL		7,500.00
Rupees	SEVEN THOUSAND	FIVE HUNDRED		

The following are the guidelines to carryout the project work :

- The project should be performed based on the objectives of the proposal sent by you.
- The project should be completed in all respects and one copy of the hardbound report along with softcopy of the full report in a CD (.doc and .pdf format) should be submitted to KSCST.
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- Please quote your **project sanction reference number printed above** in all your future correspondences.
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 - Title of the project
 - Name of the College & Department
 - Name of the students & Guide(s)
 - Keywords

5) Introduction / background

(with specific reference to the project, work done earlier, etc) - about 20 lines

6) Objectives (about 10 lines)

7) Methodology (about 20 lines)

(materials, methods, details of work carried out, including drawings, diagrams etc)

8) Results and Conclusions

(about 20 lines with specific reference to work carried out)

9) Scope for future work (about 20 lines).

(Note: The write-up (Synopsis) should be sent with the approval of project guide. The softcopy of the write-up, in MS Word format, should be sent by e-mail (spp@kscst.iisc.ernet.in). In your e-mail, please also include project proposal reference number and title of the project.)

e) Projects selected for Seminar / Exhibition will be awarded.

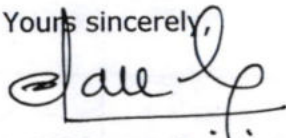
The sanctioned amount will be sent separately by our Accounts Department.

The sponsored projects evaluation will be held in the Nodal Centre and the details of the nodal centre will be intimated shortly.

Please visit our website for further announcements / information and for any clarifications please email to spp@kscst.iisc.ernet.in

Thanking you and with best regards,

Yours sincerely,



(SGS Swamy)

Copy to:

1) The Head of the Department of
Electrical And Electronics Engineering
Shirdi Sai Engineering College
Sai Leo Nagar, Samandur (Po),
Anekal,
Bangalore 562106

2) Prof.R.Gunasekari
Department of Electrical And Electronics Engineering
Shirdi Sai Engineering College
Sai Leo Nagar, Samandur (Po),
Anekal,
Bangalore 562106

3) The Finance Officer, KSCST, Bangalore



SHIRDI SAI ENGINEERING COLLEGE

ANEKAL, BANGALORE



Certificate of Achievement

This is to certify that *Prof. C. Sivaprakash, ECE Dept.* has Mentored the IEDC (DST) Sponsored
Innovative Project titled **COD - "SENSOR TO DETECT AIR QUALITY
IN LMVS"** towards Successful completion. The project is recognized for its
Innovation in the field of engineering Technology during the year 2013-14.



Ms. Malini.K.V
Ms. Malini.K.V
Coordinator - IEDC

Dr. Y. Vijayakumar
Dr. Y. Vijayakumar
Principal

MJE. Lion. Leo. Muthu
MJE. Lion. Leo. Muthu
Chairman

Sairam
INSTITUTIONS



SHIRDI SAI ENGINEERING COLLEGE

Sai Leo Nagar, Guddenahalli Post,
Anekal, Bengaluru - 562106

Date:- 28-03-14

To,

Dr.Y.Vijayakumar
Principal
SSEC, Anekal-562106

Respected Sir,

Sub:Release of IEDC fund to selected student projects-DST 2013-14-IEDC Account-DST Projects-Reg.
I am glad to inform you that our student teams have been selected under the scheme of Innovation and Entrepreneurship Development Centre assisted by Department of Science and Technology. The recommended Five student projects (S.No.01 to 05) to be Sponsored under IEDC,DST Scheme shown below..

In view of the above, the students of five teams have submitted their request letter for funding to work on projects and to progress further.

Please find below the details of the selected student projects for your kind perusal.

Sl. No	Title Of The Project	Team	DEPT	Name Of The Mentor	Requested Amount (1 st Installment) In Rupees
1	Android Based Integrated Indoor Navigation System For Visually Impaired People.	1. Shivaranjani.S 2. Saranya.G 3. Veena.V 4. Shanthini.G Sharanabasappa.M	CSE	Dr. B.Shadaksharappa	Cheque no.015718 CBI/Dtd:-07-04-14 Rs.19940.00
2	Lmvs.Sensor To Detect Air Quality In	1. Manjunath V 2. Anil K 3. Deepak N 4. Bopanna.T.B	ECE	Prof. C.Sivaprakash	Cheque no.015719 CBI/Dtd:-07-04-14 Rs. 19,712.00
3	Team (Technology For Electrical Management In Automobiles)	1. Akash.S 2. Ashwin.S 3. Mithun.R 4. Abhijit.S.P	ECE	Prof. C.Sivaprakash	Cheque no.015720 CBI/Dtd:-07-04-14 Rs. 19,924.00
4	Smart Heating Using A Refrigerator-SHUR	1. Nitish.S 2. Santhosh.K.R 3. Swetha.K 4. Pooja Pujari	EEE	Prof. Ms. R.Gunasekari & Prof. Malini.K.V	Cheque no.015721 CBI/Dtd:- 07-04-14 Rs. 19,545.00
5	Magico Rullstol	1. Harsha.P.V 2. Radhakrishna 3. Hemachandar.S 4. Wasim Akram	EEE	Prof. Ms. R. Gunasekari & Prof. Malini.K.V	Cheque no.015722 CBI/Dtd:- 07-04-14 Rs. 19,900.00

In this regard, I request you to release the sum requested by the teams (mentioned against each project) as first installment in the name of their respective guides per project from IEDC Account.

Thanking you,

Yours Sincerely,

IEDC - Co. dhanu

Real - v.v

Pl. do needful

Ms. Malini K V
Asst. Prof & HOD EEE
IEDC Coordinator
SSEC, Anekal-562106

Intn. Guides

Encl: Copy of Selection List

acceding

Pl. send letter to H.O

Shiv 1/4/14

DESPATCHED