



**ST. THOMAS COLLEGE**

Ranni, Pathanamthitta, Kerala - 689673

ACCREDITED BY NAAC WITH ' B ' GRADE

### **3.1.1 : Grants from Government and Non-governmental agencies**

**2020 - 2021**

**CRITERION : 3**

**RESEARCH, INNOVATION  
AND EXTENSION**



## WOS-B (2020-21)

**Result of SEC Meeting of WOS-B (2020-21) of Theme Area:  
Agriculture, Food and Environmental Challenges (AFEC)  
held on 8-10 December 2020**

S. No	Project Reg. No.	Applicant Name	Result
1.	139	Kasthuri Segar	Recommended
2.	693	Merlin Lopus	Recommended
3.	1276	Merlin Isaac	Not Recommended
4.	391	Sangeeta Kanakraj	Not Recommended
5.	743	Gunjan Dubey	Recommended
6.	314	Archana Nigrawal	Recommended
7.	1356	Payal Soan	Not Recommended
8.	732	Bisma Malik	Recommended
9.	683	Hiral Mamtara	Not Recommended
10.	948	Gayathri S S	Not Recommended
11.	851	Supriya Roy	Not Recommended
12.	483	Manasi Singh	Not Recommended
13.	1845	Reshmy Rajasekharan	Not Recommended
14.	471	Preeti Beniwal	Not Recommended
15.	93	Punya	Not Recommended
16.	1041	Komal Patel	Not Recommended
17.	903	Priti Dongre	Recommended
18.	306	Padmapriya Jayaraman	Final Result in EIT&AI Theme Area
19.	170	Sreevidya S.	Not Recommended
20.	994	Selvi Chellamuthu	Not Recommended
21.	1593	Padma Manda	Not Recommended
22.	902	Indradevi T	Not Recommended
23.	1913	Pratiksha Patel	Not Recommended
24.	1156	Kiran Marathe	Not Recommended
25.	1158	Preeti Bhadauriya	Revision
26.	1748	N. Aarthi	Not Recommended
27.	2123	Priyanka Yadav	Recommended
28.	1113	Sumita Nag	Not Recommended
29.	377	Saima Mir	Recommended
30.	697	Supriya Aglawe	Not Recommended
31.	233	Vadivukkarasi Ponnusamy	Not Recommended
32.	311	Uma Vinod	Not Recommended
33.	30	Priyanka Prasad	Recommended
34.	326	Tanuja	Recommended
35.	616	Asha Saji	Recommended
36.	1525	Omi Majeed	PI did not attend presentation. Not considered
37.	438	Sweeta Bali	Recommended



(AFEC)

38.	1922	Roseline Jebapriya	Recommended
39.	341	Pratiksha Patnaik	Not Recommended
40.	561	Mehak Gupta	Not Recommended
41.	1924	Praveena Sivalogeswaran	Not Recommended
42.	2285	Nitu Sindhu	Recommended
43.	38	Priya Esther	Not Recommended
44.	1867	Sujatha Raghu	Not Recommended
45.	156	Taslima Sheikh	Not Recommended
46.	387	Laxmi Balaganoormath	Not Recommended
47.	2276	Amrita Chaudhuri	Recommended
48.	567	Nilofer Ali	Not Recommended
49.	581	Rohini Bhat	Not Recommended
50.	1829	Sripunitha Ayyapillai	Not Recommended
51.	879	Sangeeta Yadav	Recommended
52.	1927	Maloshrie Bora	Not Recommended
53.	309	Shresthashree Swain	Recommended
54.	920	Sujatha Nemalikanti	Not Recommended
55.	2361	Ujala Kashyap	Revision
56.	617	Shadab Masud	Recommended
57.	2014	Mamta Goyal	Not Recommended
58.	444	Shweta Srivastava	Not Recommended
59.	726	Flama Monteiro	Not Recommended
60.	2515	Shyamala Thirunavukkuarasu	Recommended
61.	1558	Jhilam Majumder	Not Recommended
62.	2528	Mrigakhi Borah	Recommended
63.	957	Smrati Mishra	Not Recommended
64.	1982	Asha Paulraj	Not Recommended
65.	2220	Khushboo Sethi	Not Recommended
66.	136	Muddasir Jan	Not Recommended
67.	1810	Priyanka Kumari	Not Recommended
68.	563	Tulika Malviya	Recommended
69.	613	Pushpa Doddaraju	Not Recommended
70.	849	Rutuja Lad	Not Recommended
71.	1076	Pragati Kumari	Recommended
72.	1065	Ishworani Chongtham	Not Recommended
73.	2387	Patricia Kalaarasi	Not Recommended
74.	506	Meenakshi Raina	Not Recommended
75.	883	Nayimabanu Taredahalli	Not Recommended
76.	892	Cheana Sangma	Not Recommended
77.	1674	Jyothi Abraham	Not Recommended
78.	2728	Vipasha Verma	Not Recommended
79.	2330	Muthulakshmi M.	Not Recommended
80.	1459	Irom Chanu	Not Recommended





(AFEC)

81.	2128	Rinchan Dolkar	Revision
82.	2385	Kodamala Prathyusha	Not Recommended
83.	758	Madhumita Kumari	Not Recommended
84.	2579	AnbuVahini	Recommended
85.	2382	Bijayalakshmi Nongmaithem	Recommended
86.	1634	Sutripti Datta	Not Recommended
87.	2655	Vartika Punetha	Not Recommended
88.	2675	Sujoita Purohit	Not Recommended
89.	2609	Sowmya Kumari	Not Recommended
90.	2182	Madhumita Patel	Recommended (conditional)
91.	1950	Jewel Noor	Not Recommended
92.	1562	Nisha Devi	Not Recommended
93.	2625	Lipika Sharma	Not Recommended
94.	1498	Radhika Jamdade	Not Recommended
95.	2052	Rubavathi Subbaiyan	Not Recommended
96.	3006	Shikha Tiwari	Recommended
97.	3008	Janhvi Rawat	Not Recommended
98.	3052	Simmi	Recommended
99.	2442	Mrinalini Prasad	Not Recommended
100.	2997	Noopur Saxena	Not Recommended
101.	989	Jayanthi P Jayanthi	Not Recommended
102.	1103	Asha Chundakkadu	Not Recommended
103.	661	Kanika	Not Recommended
104.	1696	Priyanka	Recommended
105.	3095	Ambika Bhardwaj	Not Recommended
106.	3069	Vandana Thakur	Not Recommended
107.	2750	Deepshikha Azad	Recommended
108.	2501	Sweta Kumari	Recommended
109.	3122	Ranjini Ray	Recommended
110.	1854	Priyanka R	Recommended
111.	3096	Prabhjot Saini	Revision
112.	2937	Lekshmi R S	Recommended
113.	2111	Angala Mathew	Recommended
114.	332	Sonu Sharma	Not Recommended
115.	3079	Indira Gogoi	Not Recommended
116.	3177	Akanksha Yadav	Not Recommended
117.	2688	Natalya Krishnambika	Recommended
118.	2029	Shobha Huilgol	Not Recommended
119.	1450	Aswathi Padmavilochanan	Final Result in EIT&AI Theme Area
120.	2813	Kamini Tripathi	Not Recommended
121.	2687	Madhulata Kumari	Recommended

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# ST. THOMAS COLLEGE, RANNI

DST/WOS-B/AFE-12/2021(G)  
Government of India  
Ministry of Science & Technology  
Department of Science & Technology  
(WISE-KIRAN Division)

Technology Bhawan,  
New Mehrauli Road  
New Delhi - 110016  
Dated: 17.09.2021

## ORDER

Sub: Financial approval of **WOS-B** project proposal entitled "Estimation of carbon sequestration potential trees in Ranni range of Pathanamthitta District, Kerala" for the duration of 36 months.

PI: Dr. Asha Saji, St. Thomas college, Pathanamthitta, Kerala-689673.

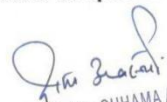
Sanction of the President is hereby accorded to the above-mentioned project at a total cost of Rs. **31,26,591/- (Rupees Thirty-one Lakh Twenty-Six Thousand Five Hundred Ninety-One only)** to St. Thomas college, Pathanamthitta, Kerala for a duration **36** months. The detailed breakup of the grant towards General Components and Capital Assets are given below:

General Component: Rs. 28,81,400/-  
Capital Component: Rs. 2,45,191/-  
Total : Rs. 31,26,591/-

Detailed breakup of the total grant towards above WOS-B project for 36 months duration is given below:

Sl. No.	Heads	1st Year (Rs.)	2nd Year (Rs.)	3rd Year (Rs.)	Total (Rs.)
A.	Non-Recurring (Capital Items)				
	Equipment Cost	2,45,191	-----	-----	2,45,191
B.	Recurring (REC)(General)				
	<b>Recurring -I</b>	6,60,000	6,60,000	6,60,000	19,80,000
	a. Fellowship @ Rs 55,000/- p.m. for 36 months				
	b. HRA @8%	52,800	52,800	52,800	1,58,400
	c. Manpower	96,000	96,000	96,000	96,000
	<b>Recurring -II</b> (Consumables, Other Costs and Travel)	1,30,000	65,000	65,000	2,60,000
	<b>Recurring -III</b> (Contingencies)	25,000	25,000	25,000	75,000
C.	<b>Recurring -IV</b> (Overhead)	50,000	40,000	30,000	1,20,000
D.	Total of Recurring Grant (B+C)	10,13,800	9,38,800	9,28,800	28,81,400
E.	GRAND TOTAL (A+D)	12,58,991	9,38,800	9,28,800	31,26,591

2. While providing operational flexibility amount various sub-heads under head Recurring-II, it should be ensured that not more than Rs. 75,000/- should be spent for Travel in 3 years.

  
डॉ. क्षमा अवस्थी / Dr. CHHAMA AWASTHI  
वैज्ञानिक 'सी' / Scientist 'C'  
विज्ञान और प्रौद्योगिकी विभाग  
DEPTT. OF SCIENCE & TECHNOLOGY  
भारत सरकार / Govt. of India  
नई दिल्ली-110016 / New Delhi-110016





## ST. THOMAS COLLEGE, RANNI

3. The sanction of the President is also accorded to the release of **Rs.10,13,800/- (Rupees Ten Lakh Thirteen Thousand Eight Hundred only)** under 'General component' and **Rs. 2,45,191/- (Rupees Two Lakh Forty-Five Thousand One Hundred Ninety-one only)** under Capital Assets as the first installment of grant for implementation of the above-mentioned project.

4. The amount of **Rs. 10,13,800/- (Rupees Ten Lakh Thirteen Thousand Eight Hundred only)** will be drawn by the Drawing and Disbursing Officer, Department of Science and technology (DST) and will be disbursed to Director, St. Thomas college, Pathanamthitta, Kerala-689673 through RTGS for account details as given below:

Institution Account Name	St. Thomas college, Pathanamthitta, Kerala-689673.
Saving Bank Account Number	2319101053652
Name of Bank	CANARA BANK
Branch Name	RANNI
RTGS/IFSC Code	CNRB0002319

5. This sanction is subject to the condition that the grantee organization 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.

6. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal and UC id number should be intimated to us besides sending it in physical form to this Division. The subsequent/ final installment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

7. If the grant has been released under capital head through separate sanction order under the same project for purchase of equipment(s), separate SE&UC has to be furnished for the released Capital head grant.

8. The grant-in-aid being released is subject to the condition that:

(a) As per Rule 149 of GFR, 2017, the Goods (consumables/equipment) available in GeM portal are to be procured mandatorily online through GeM only.

(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) "Grantee organization is advised to start using EAT module and next release will be made only after mapping and following EAT modules by the grantee organization."

9. As per General Financial Rules (GFR) 2017, 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. 2017-18 and onwards, all interests and other earnings, against released Grant shall be **remitted to Consolidated Fund of India (CFI)(through Non-Tax Receipt Portal (NTRP)) i.e.www.bharatkosh.gov.in**, immediately after finalization of accounts of each financial year 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.

10. (a) **DST reserves sole rights on the assets out of grants.** Assets acquired wholly or substantially out of government grants (except those declared as obsolete and unserviceable or

Dr. CHHAMA AWASTHI  
Scientist  
DEPT. OF SCIENCE & T  
भारत सरकार / Govt.  
New Delhi-110016



## ST. THOMAS COLLEGE, RANNI

condemned in accordance with the procedure laid down in GFR 2017), shall not be disposed of without obtaining the prior approval of DST.

(b) DST reserves rights to close the project activity any time based on the review of progress of the project.

(c) A prior intimation to DST by grantee is must before leaving the country for attending conference/availing any short-term fellowship abroad during the project tenure.

11. The account of the grantee organization 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 organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

12. **Due acknowledgment** 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.

13. Failure to comply with the terms and condition of the Bond (if applicable) will entail full refund with interest in terms of Rule 231 (2) of GFR 2017.

14. **The targeted deliverables along with the timelines as proposed in the project are annexed herewith. The subsequent releases will be made on the basis of "Targets Vs Achievement".**

15. The expenditure involved is dubitable to Demand No.88, Department of Science & Technology for the year 2021-22:

3425	Other Scientific Research (Major Head)
60	Others (Sub-Major Head)
60.200	Assistance to other Scientific Bodies (Minor Head)
68	Science and Technology Institutional and Human Capacity Building (Sub Head)
01	Disha Programme for Women in Science
68.01.31	<b>Grants-in-aid General</b> for the year 2021-22 (Voted)
	(Previous: Disha Programme for Women in Science 3425.60.200.55.01.31)

16. As per rule 234 of GFR, this sanction has been entered in the register maintained by the WISE-KIRAN Division (Disha Programme for Women in Science) for the Grant-in-aid sanctions and a serial no assigned in the register for this sanction is 317.

17. This issues with the concurrence of IFD of DST vide the concurrence Dy. No.100/IFD/1992 /2021-22 dated- 15.09.2021.

(Chhama Awasthi)

डॉ. क्षमा अवरुथी / Dr. CHHAMA AWASTHI  
वैज्ञानिक 'सी' / Scientist 'C'  
विज्ञान और प्रौद्योगिकी विभाग  
DEPTT. OF SCIENCE & TECHNOLOGY  
भारत सरकार / Govt. of India  
नई दिल्ली-110016 / New Delhi-110016

To

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

Copy forwarded for information and necessary action to:

1. Cash Section (Three copies including original one).
2. PAO, DST, New Delhi.
3. Director of Audit (CW&M-II), Indraprastha Estate, AGCR Building, New Delhi - 110002.
4. Director, St. Thomas college, Pathanamthitta, Kerala-689673.
5. Dr. Francis Mathew, Assistant Professor, Department of Botany, St. Thomas college, Pathanamthitta, Kerala-689673. (Mentor)
6. Dr. Asha Saji, St. Thomas college, Pathanamthitta, Kerala-689673.
7. Sanction Folder
8. WISE-KIRAN Secretariat/Head, WISE-KIRAN Division.

(Chhama Awasthi)

डॉ. क्षमा अवरुथी / Dr. CHHAMA AWASTHI  
वैज्ञानिक 'सी' / Scientist 'C'  
विज्ञान और प्रौद्योगिकी विभाग  
DEPTT. OF SCIENCE & TECHNOLOGY  
भारत सरकार / Govt. of India  
नई दिल्ली-110016 / New Delhi-110016





# ST. THOMAS COLLEGE, RANNI

DST/WOS-B/AFE-12/2021(C)  
Government of India  
Ministry of Science and Technology  
Department of Science and Technology

Technology Bhawan,  
New Mehrauli Road  
New Delhi - 110016  
Dated: 17.09.2021

## ORDER

**Sub:** Financial approval of WOS-B project proposal entitled "Estimation of carbon sequestration potential trees in Ranni range of Pathanamthitta District, Kerala" for the duration of 36 months.

**PI:** Dr. Asha Saji, St. Thomas college, Pathanamthitta, Kerala-689673.

In continuation of the Sanction Order No. DST/WOS-B/AFE-12/2021(G) dated-17.09.2021 Sanction of the President is hereby accorded to the payment of **Rs. 2,45,191/- (Rupees Two Lakh Forty-Five Thousand One Hundred Ninety-one only)** to St. Thomas college, Pathanamthitta, Kerala as the grant for "Creation of Capital Assets" for the implementation of the above mentioned WOS-B project. The details of the equipment(s) to be procured are given below:


S.No.	Heads	Budget (In Rupees)
A.	Non-Recurring (Capital Item)	2,45,191/-
	<b>Equipment Cost</b>	
	-(Weighing Balance, Hot air oven, Increment wood borer (2 nos), GPS, SLR Digital camera, Binocular)	
	<b>Total</b>	<b>2,45,191/- (Restricted)</b>

2. The amount of **Rs.2,45,191/- (Rupees Two Lakh Forty-Five Thousand One Hundred Ninety-one only)** will be drawn by Drawing and Disbursing Officer, Department of Science & Technology and will be disbursed to The **Director**, St. Thomas college, Pathanamthitta, Kerala-689673. The bank account details for electronic transfer of fund through RTGS are given below:

Institution Account Name	St. Thomas college, Pathanamthitta, Kerala-689673.
Saving Bank Account Number	2319101053652
Name of Bank	CANARA BANK
Branch Name	RANNI
RTGS/IFSC Code	CNRB0002319

3. This sanction is subject to the condition that the grantee organization 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.

4. The grantee organization will have to enter & upload the Utilization Certificate in the PFMS portal and UC id number should be intimated to us besides sending it in physical form to this Division. The subsequent/ final installment will be released only after confirmation of the acceptance of the UC by the Division and entry of previous Utilization Certificate in the PFMS.

  
डॉ. क्षमा अवस्थी / Dr. CHHAMA AWASTHI  
वैज्ञानिक 'सी' / Scientist 'C'  
विज्ञान और प्रौद्योगिकी विभाग  
DEPT. OF SCIENCE & TECHNOLOGY  
भारत सरकार / Govt. of India  
नई दिल्ली / New Delhi-110016





## ST. THOMAS COLLEGE, RANNI

5. If the grant has been released under 'Capital' Head through separate sanction order under the same project for purpose of equipment(s) separate SE/UC has to be furnished for the released Capital Head grant.

6. The grant-in-aid being released is subject to condition that-

(a) As per Rule 149 of GFR, 2017, the Goods (consumables/equipment) available in GeM portal are to be procured mandatorily online through GeM only.

(b) while submitting UC/SE, the organization has to ensure submission of supporting documentary evidence with regard to purchase of the equipment/capital assets as per the provisions of GFR 2017. Subsequent grants under the project shall be made only on receipt of the said documents.

(c) "Grantee organization is advised to start using EAT module and next release will be made only after mapping and following EAT modules by the grantee organization."

7. As per General Financial Rules (GFR) 2017, 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. 2017-18 and onwards, all interests and other earnings, against released Grant shall be remitted to Consolidated Fund of India (CFI)(through Non-Tax Receipt Portal (NTRP)) i.e. [www.bharatkosh.gov.in](http://www.bharatkosh.gov.in)), immediately after finalization of accounts of each financial year 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.

8. 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.

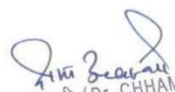
9. The account of the grantee organization shall be open to inspection by the sanctioning authority and audit (both by C & AG of India and Internal Audit by the Principal Accounts Office of the DST), whenever the organization is called upon to do so, as laid down under Rule 236(1) of General Financial Rules 2017.

10. Capital grant should be utilized within one year from the date of project sanctioned otherwise amount has to be refunded to DST.

11. The expenditure involved is debitable to Demand No.88 – Department of Science & Technology for the year 2021-22.

3425 Other Scientific Research (Major Head)  
60 Others (Sub-Major Head)  
60.200 Assistance to Other Scientific Bodies (Minor Head)  
68 Science and Technology Institutional and Human Capacity Building (Sub Head)  
01 Disha Programme for Women in Science  
68.01.35 Grant for creation of Capital assets for the year 2021-22 (Voted)  
(Previous: Disha Programme for Women in Science 3425.60.200.55.01.35.

12. As per rule 234 of GFR, this sanction has been entered in the register maintained by the WISE-KIRAN Division (Disha Programme for Women in Science) for the Grant-in-aid sanctions and a serial no assigned in the register for this sanction is 317.

  
डॉ. क्षमा अवस्थी / Dr. CHHAMA AWASTHI  
वैज्ञानिक 'सी' / Scientist 'C'  
विज्ञान और प्रौद्योगिकी विभाग  
DEPTT. OF SCIENCE & TECHNOLOGY  
भारत सरकार / Govt. of India  
नए दिल्ली-110016 / New Delhi-110016



## ST. THOMAS COLLEGE, RANNI

13. This issues with the concurrence of IFD of DST vide the concurrence Dy.  
No.100/IFD/1993/2021-22 dated- 15.09.2021.

To

The Pay and Accounts Officer  
Department of Science and Technology  
New Delhi – 110016

(Chhama Awasthi)

Scientist 'C'  
डॉ. क्षमा अवस्थी / Dr. CHHAMA AWASTHI  
वैज्ञानिक 'सी' / Scientist 'C'  
विज्ञान और प्रौद्योगिकी विभाग  
DEPTT. OF SCIENCE & TECHNOLOGY  
भारत सरकार / Govt. of India  
नई दिल्ली-110016 / New Delhi-110016

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4. Director, St. Thomas college, Pathanamthitta, Kerala-689673.
5. Dr. Francis Mathew, Assistant Professor, Department of Botany, St. Thomas college, Pathanamthitta, Kerala-689673. (Mentor)
6. Dr. Asha Saji, St. Thomas college, Pathanamthitta, Kerala-689673.
7. Sanction Folder
8. WISE-KIRAN Secretariat/Head, WISE-KIRAN Division.

(Chhama Awasthi)

Scientist 'C'  
डॉ. क्षमा अवस्थी / Dr. CHHAMA AWASTHI  
वैज्ञानिक 'सी' / Scientist 'C'  
विज्ञान और प्रौद्योगिकी विभाग  
DEPTT. OF SCIENCE & TECHNOLOGY  
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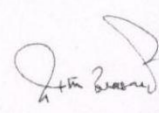


# ST. THOMAS COLLEGE, RANNI

DST/WOS-B/AFF-12/2021  
Government of India  
Ministry of Science and Technology  
Department of Science and Technology  
Annexure

Targeted Objectives/Deliverables along with the its timelines to achieve the same.

Sl. No.	Objective/Target	Proposed time period to achieve the given objective (months)
1.	Establishment of permanent plots in the selected areas of Ranni range of Pathanamthitta District, Kerala for monitoring tree growth and carbon sequestration.	1-12
	A. Selection of study area and mark permanent plots (10m x 10m workable sub-plots for tree inventories)	
	B. First tree survey in study area (Estimation of above and belowground biomass of trees)	
2.	Estimation of stored biomass of trees in selected forest areas.	
3.	Assessment of carbon sequestration potential of forest trees in the study area.	12-24
	C. Survey 2 in permanent plots (Estimation of above and belowground biomass of trees)	
	D. Identification of potential carbon sequestering species.	
4.	Identification of suitable tree species for future plantation in Ranni range of Pathanamthitta District, Kerala.	
	E. Confirm the results with survey in study site	24-36
	F. Evaluation of best tree species for the afforestation program	
	G. Final report submission	

  
डॉ. क्षमा अवास्थी / Dr. CHHAMA AWASTHI  
वैज्ञानिक 'सी' / Scientist 'C'  
विज्ञान और प्रौद्योगिकी विभाग  
DEPTT. OF SCIENCE & TECHNOLOGY  
भारत सरकार / Govt. of India  
नई दिल्ली-110016 / New Delhi-110016





# ST. THOMAS COLLEGE, RANNI

दिनांक Date	विवरण Particulars	सोल आयडी SOL ID	चेक नं. CHQ. No.	निकासी गयी रशि DEBIT	जमा की गयी रशि CREDIT	जमाकर्ता के खाते में रशि BALANCE	शेष रशि BALANCE
18-12-2020	NEFTO-SONU J S 000181891741		02029019	4000.00		65590.04Cr	65590.04Cr
19-12-2020	KERALA CESS/840532536/18-12-2020/ 2			0.03		65590.04Cr	65590.04Cr
31-12-2020	CASH		02029020	5000.00		65590.04Cr	65590.04Cr
03-01-2021	504902010003181: Int. Pd: 01-10-2020 to 31-12-2020				585.00	66175.04Cr	66175.04Cr
29-01-2021	Charges for PORD Customer Payment: UBINJ2102940290			2.95		66172.09Cr	66172.09Cr
29-01-2021	NEFTO-AKHIL S 000205532619		02050621	1500.00		64672.09Cr	64672.09Cr
30-01-2021	KERALA CESS/S10637750/29-01-2021/ 2			0.03		64672.06Cr	64672.06Cr
31-03-2021	NEFT:DIRECTOR OF TREASURIES , VENDOR 47380				10000.00	74672.06Cr	74672.06Cr
05-04-2021	504902010003181: Int. Pd: 01-01-2021 to 31-03-2021				482.00	75153.06Cr	75153.06Cr
21-04-2021	CASH		02050623	7000.00		68153.06Cr	68153.06Cr
21-04-2021	Charges for PORD Customer Payment: UBINJ21111978247			2.95		68152.11Cr	68152.11Cr
21-04-2021	NEFTO-DR LAW WELL WAN P 000266603035		02050622	2000.00		66152.11Cr	66152.11Cr
22-04-2021	KERALA CESS/S60337884/21-04-2021/ 2			0.03		66152.08Cr	66152.08Cr
02-07-2021	504902010003181: Int. Pd: 01-04-2021 to 30-06-2021				510.00	66662.08Cr	66662.08Cr
04-10-2021	504902010003181: Int. Pd: 01-07-2021 to 30-09-2021				504.00	67166.08Cr	67166.08Cr
20-10-2021	Charges for PORD Customer Payment: UBINJ21293501867			2.95		67163.13Cr	67163.13Cr
20-10-2021	NEFTO-GRACE THOMAS 000391713029		2050624	2000.00		65163.13Cr	65163.13Cr
15-12-2021	CASH		50490 02050625	9000.00		56163.13Cr	56163.13Cr
06-01-2022	504902010003181: Int. Pd: 01-10-2021 to 30-09-2021				466.00	56629.13Cr	56629.13Cr
11-01-2022	CASH		50490 02050626	3000.00		48629.13Cr	48629.13Cr
19-01-2022	Charges for PORD Customer Payment: U50490			2.95		48626.18Cr	48626.18Cr
19-01-2022	NEFTO-AEKA BIOCHEMICALS PVT LTD 00050490		02050627	3000.00		45626.18Cr	45626.18Cr
08-03-2022	CASH		50490 02050628	6000.00		39626.18Cr	39626.18Cr
15-02-2022	NACH/8952512497/LIC OF INDIA		57750	1219.00		23335.18Cr	23335.18Cr

Amount Sanctioned for ED Club activities from Industries Department