

**PROCEEDINGS OF THE RUSA STATE PROJECT CO-ORDINATOR
THE KERALA STATE RUSA PROJECT DIRECTORATE
PRESENT: SMT. VIGNESHWARI V. IAS (STATE PROJECT CO-ORDINATOR)**

RUSA-SPD – Sanction of withdrawal limit consequent on release of Central Grants and State Grants for 158 IAs – Accorded - Orders issued.

No.37/2021/RUSA-SPD

Dated, Thiruvananthapuram 28..02..2023

- Read:-
1. Letter No. PLG-A3/18/2022-Fin dated, 30..03..2022 from Finance (Planning-A) Department
 2. No. AD-17007/24/2021-PFMS Rollout Vertical/8059 dated, 28..03..2022 from GoI, MoF
 3. Proceedings of even no.05/04/2022, 12..04..2022 (1)&(2), 21..04..2022, 09..05..2022, 21..05..2022, 04..06..2022, 25..06..2022, 17..09..2022, 29..11..2022, 15..12..2022 and 07..02..2023
 4. F.No.24-42/2014-U.Policy (KER-GEN) dated, 29..12..2022 from MoE, GoI
 5. G.O.(Rt)No.153/2023/HEDN dated, 01..02..2023

ORDER

As per reference 4th above, fresh installment of Central Grant of RUSA projects was released by Ministry of Education, Government of India and as per reference 5th above the State share was incorporated and Rs.112.34 Crore was sanctioned to RUSA-SPD. Out of which Finance Department has issued clearance for Rs.67.40 Cr on 13..02..2023 and hence the withdrawal limit were given to all 158 IAs in RUSA Scheme.

(2) In the above circumstances sanction is accorded for setting up of the withdrawal limit of **Rs.56,93,02,158/-** for **158 IAs** in PFMS as per the list appended to this order. Thus the overview of RUSA SNA account on the date of this order is as follows:-

(Amount in Rs.)

Order Date	Units (no)	Total SNA Limit		RUSA-SPD Expenditure Limit		Expenditure Limit for Implementing Agencies	
(1)		(2)		(3)		(4)	
05..04..2022	1	+	3,67,45,574.13		3,67,45,574.13		0.00
12..04..2022 (1 st order)	52	+	15,83,07,823.48		0.00	+	15,83,07,823.48
12..04..2022 (2 nd order)	31	+	6,98,33,179.05		0.00	+	6,98,33,179.05
21..04..2022	22	+	9,43,63,487.03		0.00	+	9,43,63,487.03
09..05..2022	40	+	10,48,67,406.86		0.00	+	10,48,67,406.86
21..05..2022	11	+	1,94,62,853.95		0.00	+	1,94,62,853.95
04..06..2022	3	+	73,98,979.00	+	71,83,906.00	+	2,15,073.00
25..06..2022	1	+	28,36,000.00		0.00	+	28,36,000.00
Redistribution 23..07..2022	156	+	0.00		0.00	+	0.00
Redistribution 17..09..2022	20	+	0.00		0.00	+	0.00
Redistribution 15..12..2022	2	+			0.00	+	0.00
07..02..2023	1	-	20,26,739.00	-	20,26,739.00	+	0.00
Sub Total		Total	49,20,55,621.53	Total	4,19,02,741.13	Total	45,01,52,880.40
On this order date	158	+	56,93,02,158.00		0.00	+	56,93,02,158.00
GRAND Total		Total	106,13,57,779.53	Total	4,19,02,741.13	Total	101,94,55,038.40

(6) The new withdrawal limit are to be set up in PFMS by RUSA-SPD.

Sd/-

**VIGNESHWARI V. IAS
STATE PROJECT CO-ORDINATOR**

- Copy to :-
1. Implementing Agencies Concerned
 2. System Analyst, RUSA-SPD.
 3. Manager, Canara Bank, Specialized Govt. Business Branch, Secretariat.
 3. PA to Director, RUSA-SPD.
 4. CA to State Project Co-ordinator, RUSA-SPD.
 5. SF/OC.

Forwarded/By Order


Section Officer.

Sl. No.	Name of College	District	Unique Agency Code	Fund Redistribution Mechanism				GO(Rt)No 153/2023 /HEDN 01/02/20 23	Allotment as on 04/ 03/2023	6. Total fund released so far	Remarks	Remarks	
				Balance/Debited as on	Allotment as on	Allotment as	Allotment/ Debited as						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
1	EKNM Govt. College Elerithattu, Kasaragod	Kasaragod	KLKS00001346		0.00	1384133.00	3615867	0	0	0.00	15000000	FTM	
2	G.P.M. Govt. College Manjeswaram, Kasaragod	Kasaragod	GPMGCM	(-)	8747275.00	0.00	0	0	0	0	10000000	bank charge	8747275 withheld as permit not received for construction
3	St.Pius X College, Rajapuram	Kasaragod	KLKS00001345		1501.00	4327183.00	0	0	5000000	672817	15000000		
4	Nehru Arts and Science College Kanhangad	Kasaragod	KLKS00001047	(-)	2077024.00	0.00	0	0	5000000	7077024	15000000		
5	Govt. College, Kasaragod	Kasaragod	KLKS00001040		104167.00	0.00	0	0	0	0	19999167	interest utilised ,Relese completed	
6	PR NSS College	Kannur	KLKN00002155		1261793.00	960027.00	0	0	5000000	4039973	15000000		
7	SES College Sreekandapuram	Kannur	KLKN00002843	(-)	168613.40	0.00	0	0	5000000	5168613	15000000		

Sl. No.	Name of College	District	Unique Agency Code	Fund Redistribution Mechanism				GO(Rt)No 153/2023 /HEDN 01/02/20 23	Allotment as on 04/ 03/2023	6. Total fund released so far	Remarks	Remarks	
				Balance/Debited as on	Allotment as on	Allotment as	Allotment/ Debited as						
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
8	MG College, Iritty, Kannur	Kannur	MGCI1995	(-)	4254496.00	0.00	4365186	0	0	0.00	10110690	additional released	
9	Sir Syed College	Kannur	SIRSYED1967	(-)	1000000	0.00	0	0	5000000	0	10000000	60 L with held	
10	Nirmalagiri College	Kannur	NGC64		0.00	0.00	0	0	5000000	5000000	15000000		
11	KMM Womens College, Kannur	Kannur	KLKN00002157		0.00	0.00	0	0	0	0	19999167	interest not utilised ,Release completed	
12	Govt. Brennen College, Thalassery	Kannur	KLKN00002175		94450.80	0.00	0	0	0	0	19999167	interest not utilised ,Release completed	
13	Kannur University	Kannur	KNRU		0	29498191	0	0	50000000	20501809	200000000	interest not utilised ,Release completed	

PROCEEDINGS OF THE RUSA STATE PROJECT CO- ORDINATOR
THE KERALA STATE RUSA PROJECT DIRECTORATE
PRESENT: Smt.HARITHA V.KUMAR IAS (PROJECT CO-ORDINATOR)

Release of Central and State share funds to Government Colleges - Sanction accorded - Orders issued

No. 125/2018/RUSA-SPD

Thiruvananthapuram, Dated 09/02/2019

Ref :- 1. GO(Rt) No. 10672/2018/Fin., dated 29/12/2018
2. GO(Rt) No. 82/2019/H.Edn., dated 18/01/2019.

ORDER

Vide letter of even number dated 01/12/2018, it is requested to Government to issue orders for re-appropriating sufficient amount to the Heads of Account "2202-03-789-99(P) and 2202-03-796-99(P)" from the Head of Account "2202-03-103-57-RUSA" and to release the same and also the corresponding State share amounting to Rs. 44,70,00,000/- state share and thus to release the aggregate amount of Rs. 111,75,00,000/- (Rupees One Hundred and eleven crores and seventy five lakhs only). (Rs. 67,05,00,000/- Central share + Rs. 44,70, 00,000/- State Share) to RUSA.

As per Government Order read (1) above, sanction was accorded for re-appropriation of the amount of Rs. 25,14,38,000/-(Rupees Twenty five crores fourteen lakhs and thirty eight thousand only) to the heads of Account "2202-03-789-99(P) and "2202-03—796-99(P)" from the Head of Account "2202-03-103-57-RUSA".

Now, as per the Government order read as (2) above, Government released Rs. 111,75,00,000/- (Rupees One Hundred and eleven crores and seventyfive lakhs only) to Rashtriya Uchathar Shiksha Abhiyan and out of this, Rs. 10,00,00,000/- to distribute among the following beneficiaries, ie., 8 Government Colleges and 91 Aided Colleges and UGC HRDC, Thiruvananthapuram as described as following:

Component 9 : Infrastructure Grants - Government Colleges				
Sl. No.	Name of College	District	Govt/ Aided	1 st Installment Released
1	Govt.Sanskrit College, Tripunithura	Ernakulam	Govt	1000000
2	Govt. Arts College, Thiruvananthapuram	Thiruvananthapuram	Govt	1000000
3	Govt.College, Chittur	Palakkad	Govt	1000000
4	Govt.College, Malappuram	Malappuram	Govt	1000000
5	KKTM Govt.College, Pullut, Kodungallur	Thrissur	Govt	1000000
6	Govt.College, Kattappana	Idukki	Govt	1000000
7	CKGM Government College Perambra	Kozhikkode	Govt	1000000
8	BJM Government College, Chavara	Kollam	Govt	1000000
Total amount Rs. 80,00,000/-(Eighty lakhs only)				

29	HIIMSPIH NSS College for Women	Thiruvananthapuram	Aided	1000000
30	Bishop Chulaparambil Memorial(B.C.M) College	Kottayam	Aided	1000000
31	Mar Thoma College for Women, Perumbavoor	Ernakulam	Aided	1000000
32	Devaswom Board College, Thalayolaparambu	Kottayam	Aided	1000000
33	Muhammed Abdurahiman Memorial Orphanage College	Kozhikkode	Aided	1000000
34	St.Thomas College, Thrissur	Thrissur	Aided	1000000
35	Nehru Arts and Science College Kanhangad	Kasaragod	Aided	1000000
36	Sir Syed College	Kannur	Aided	1000000
37	Bharata Matha College Thrikkakara,	Ernakulam	Aided	1000000
38	Carmel College	Thrissur	Aided	1000000
39	Alphonsa College, Pala	Kottayam	Aided	1000000
40	Vimala College	Thrissur	Aided	1000000
41	St.Georges College, Aruvithura	Kottayam	Aided	1000000
42	Sanatana Dharma College	Alappuzha	Aided	1000000
43	Bishop Abraham Memorial College Thuruthicad,	Pathanamthitta	Aided	1000000
44	St.Mary's College Manarcaud	Kottayam	Aided	1000000
45	NSS College Pandalam	Pathanamthitta	Aided	1000000
46	NSS Hindu College Changanacherry	Kottayam	Aided	1000000
47	St.Aloysius College, Edathua	Alappuzha	Aided	1000000
48	SVR NSS College, Vazhoor	Kottayam	Aided	1000000
49	MG College, Iritty, Kannur	Kannur	Aided	1000000
50	Christ College, Irinjalakuda	Thrissur	Aided	1000000
51	KAHM Unity Women's College, Manjeri	Malappuram	Aided	1000000
52	T.K Madhava Memorial College	Alappuzha	Aided	1000000
53	NSS College Nilamel	Kollam	Aided	1000000
54	Mary Matha Arts and Science College, Mananthavady	Wayanad	Aided	1000000
55	Pavanatma College	Idukki	Aided	1000000
56	All Saints' College,Chackai	Thiruvananthapuram	Aided	1000000
57	St.Thomas College, Ranni	Pathanamthitta	Aided	1000000
58	Sahodaran Ayyappan Smarka SNDP Yogam College, Konni	Pathanamthitta	Aided	1000000

89	Sree Narayana College, Cherthala	Alappuzha	Aided	1000000
90	Sree Narayana Guru College, Chelannur	Kozhikkode	Aided	1000000
91	Sree Narayana College, Punalur	Kollam	Aided	1000000
Total				9,10,00,000
Total amount of Rs. 9,10,00,000/-(Nine Crores and Ten lakhs only)				

RUSA 1 – Second Installment

Sl. No.	Name of College	District	Govt/ Aided	1 st Installment Released
	UGC HRDC	Thiruvananthapuram	Govt	10,00,000
Total amount Rs. 10,00,000/-(Ten lakhs only)				

Grand Total Rs. 10,00,00,000/- (Ten Crores only)

RUSA STATE PROJECT CO- ORDINATOR

Copy to:

1. The State Project Coordinator, RUSA, Thiruvananthapuram
2. SF/OC



Certificate of Expenditure Statement 2018-23

This is to certify that we have verified the books of accounts of Cannanore District Muslim Educational Association (CDMEA), the Management committee of Sir Syed College, Taliparamba and certify that the organization have spent the following amount over a period of 5 Years.

Consolidated Expenditure Statement (2018-2023)

Year	Total Expenditure on Salary	Total Expenditure Excluding Salary	Expenditure on Infrastructure Augmentation	Expenditure on Maintenance of Academic Facilities	Expenditure on Maintenance of Physical Facilities	Total Expenditure on Maintenance of Infrastructure
(Column-1)	(Column-2) Rs.	(Column-3) Rs.	(Column-4) Rs.	(Column-5) Rs.	(Column-6) Rs.	Column (5+ 6) Rs.
2022-23	65,35,858	1,52,50,337	69,81,317	18,32,120	10,13,270	28,45,390
2021-22	77,48,203	1,80,79,142	84,21,099	12,55,000	7,34,270	19,89,270
2020-21	15,68,780	1,31,28,098	22,65,670	35,64,837	24,14,837	59,79,674
2019-20	98,76,360	3,16,84,000	1,62,79,045	13,17,000	2,06,000	15,23,000
2018-19	81,97,450	2,87,16,000	91,07,191	6,59,505	6,20,495	12,80,000

This certificate is issued for Sir Syed College, Taliparamba, Kannur District, Kerala State under the management of Cannanore District Muslim Educational Association (CDMEA) and intent to submit before UGC- NAAC Accreditation.

For Sojan Vempala & Co

Chartered Accountants [FRN:006527S]

CA Sojan Vempala FCA

Membership No : 202733

UDIN : 24202733BKFGOF469



Date: 30/07/2024

Place: Kochi



First Floor | Plot No 78 | Bethlahem House | Link Road | Jawahar Nagar
Kadavanthra | Kochi | Kerala | PIN - 682020
Phone : 0484 - 4011343, Mobile : 7403 66 77 88, 9846 30 40 60
E-mail : svandco@gmail.com, sojanvempala@gmail.com

DST-FIST PROGRESS REPORT

2014-2019
(Third Installment)

Submitted by



SIR SYED COLLEGE

(Affiliated to Kannur University)

Re-accredited by NAAC with A Grade

TALIPARAMBA, KANNUR



DST-FIST PROGRAMME

2014-19

PROGRESS REPORT

(Third Installment)

SIR SYED COLLEGE

(Affiliated to Kannur University)

Re-accredited by NAAC with A Grade

Karimbam, Taliparamba, Kannur, Kerala, India-670142

Tel: 0460 2205866, 2203217; Email: sirsyedcollege1967@gmail.com

www.sirsyedcollege.ac.in

DST – Fund for Improvement in S&T Infrastructure (FIST 2017-19)

Sir Syed College, Taliparamba, Kannur, Kerala, India, PIN 670142

(Project No. 1. C. Dy. No. 2292/IFD/2014-2015 dated 24.07.14 C.Dy. No. 1477/IFD/2016-2017 Dated 14.06.2016.-Vide FIST No 153 dated 27.06.2016) C. Dy. No. 5036 dated 26.02.2018, C. Dy. No.5297 dated 09.03.2018).

Brief Outline about the College

Sir Syed College, one of the premier post-graduate Colleges under Kannur University, embodies the systematic efforts made to break the social stagnation of a historically backward and unmotivated segment of society, particularly of North Malabar region of Kerala state to bring about educational and cultural resurgence. The college has completed glorious five decades in the forefront of imparting quality education in the state. In 2017, the college was reaccredited by National Assessment and Accreditation Council (NAAC) with A grade in recognition of the academic and research performance, infrastructure facilities and extension activities. The college offers academic programmes from undergraduate to research level in Arts, Science and Commerce streams. Today, the college has 13 under graduate, 5 post graduate and 2 research departments. The college offers Under Graduate programmes in Botany, Chemistry, Forestry, Physics, Mathematics, Statistics, Zoology, Arabic, Economics, Functional English, History, Malayalam and Commerce. Post Graduate programmes are offered in Botany, Chemistry, Physics, Arabic and Commerce. Sir Syed College is the only institute offering B.Sc. Forestry programme in Kerala.

Teaching & Research Activities

Teaching: The College is fastidious in providing value based high quality and holistic learning. Traditional teaching and learning practices are integrated with innovative methods and greater stress is laid on research. Resource mobilization from various funding agencies was taken up as a major strategy to augment the infrastructural and teaching-learning facilities. The institution adheres to student-centered method of teaching and learning for the most part. Traditional modes of teaching-learning are blended with optimum use of ICT to increase student involvement. Campus wide Wi-Fi connectivity and NME – ICT (National Mission for Education through Information & Communication) facilities, E-learning class room, Networking facilities, IT Centre, Computation Lab, Media Centre, Language Lab and the Computer Labs of various departments promote the practice of learning through ICT. Smart class rooms and LCD projectors are used for tapping the resources of NPTEL and other open online learning materials.

Research : The institution encourages research in all disciplines. The college has a Research Committee to strengthen the institutional research. It guides the acuity by providing information on funding sources and suggesting area of focus of research and advising the management and the principal on matters related to research. Departments of Botany and Chemistry are

the recognised research centers' of Kannur University offering Ph.D. programmes. At present, 41 scholars have enrolled for Ph.D. programme and so far, 15 Ph.Ds have been produced from the college. The laboratories of the Department of Botany, Chemistry, Physics, Zoology and Forestry are equipped with adequate instruments supporting the academic as well as research activities. The college has advanced research facilities such as GCMS, FTIR, Stereo Microscopes, Oxygen electrode, Spectrophotometer etc. with financial support from the DST, MoEF, BRNS, UGC, BARC and KSCSTE. The Automated Weather Station is equipped with facilities for real-time monitoring of weather parameters and the same is available to the public.

Facilities Created So Far

As a part of improving research facilities, the fund has been utilized for installing Gas Chromatography & Mass Spectrometry (GCMS), FTIR, Oxygen electrode, Leica M80 Stereo Microscope, Spectrophotometer and Atmospheric Weather Station. UG, PG students and Research Scholars of the science departments are using the FIST funded instruments for their P.G. project work and research works respectively. Sophisticated five Instrumentation rooms, Automatic weather station, Net-working facilities, E-learning class room and well equipped libraries in the selected P.G. Science department's. Microscopic taxonomic observation lab, extraction apparatus are the some of the facilities created under the DST-FIST project. Moreover students from other colleges can also utilize the available facilities for their UG, P.G. dissertation and Ph.D. research work.

Facilities Created During the Financial Year 2017-19

E- Learning Class Room

College has recently setup a well equipped E-learning class room, containing Computes, VU-LED TV and Recording system. The recording system is used for recording the popular lectures of eminent faculties of the college. E-learning system is used for improving the language skill by connecting the the well-equipped computerized language lab, which will help the students expand their vocabulary and improve their pronunciation in English. The students listen to correct pronunciations, record their own voice and they play it back for comparison. The sessions are guided by a qualified teacher. In future college is planning to utilize the e-learning class room works using audio and video conferencing tools that are easily configurable and can also be used to show pre-recorded video tapes and CDs as well.

Total Sanctioned Amount (Rs)	1,00,00,000.00
Total Amount Released (Rs)	First Installment: 57,50,000.00 Second installment: 31,99,121.00 Third Installment: 7,50,000.00 Total: 9,699,121.00
Dr. P.T. Abdul Azeez, Principal, Sir Syed College, Taliparamba, Kannur, Kerala, India, PIN 670142	

Pro-forma for Report for utilization of FIST support

1. **Name of College:** Sir Syed College, Taliparamba, Kannur, Kerala

2. **Address for communication:** Dr. P.T. ABDUL AZEEZ, Principal, Sir Syed College, Taliparamba, Kannur, Kerala, PIN 670142, Phone: (Office) 04602203217 Fax: 04602204910, E-mail: sirsyedcollege1967.co@gmail.com, www.sirsyedcollege.ac.in

3. **Date and ref. No. of DST Sanction letter:** C. Dy. No. 2292/IFD/2014-2015 dated 24.07.14

4. Details of the Grants (2014-19)

Budget Heads	Amount Sanctioned (Rs) with Date	Amount Received (Rs) with Date
a. Equipment Research Facility Teaching Facility	50,000,00.00 07.08.2014	50,000,00.00 (First Installment) 22.08.2014
32,000,00.00 14.06.2016		30,88,281.00 (Second installment) 1,10,840.00 (Unspent Balance) 31,99,121.00 (Total) 30.06.2016
b. Infrastructure	8,000,00.00 07.08.2014	50,000.00 (Books) (22.08.2014) Third Installment 5,00,000 (e-Learning Class room) 1,00,000 (Books) (26.02.2018)
c. Networking	7,000,00.00 07.08.2014	7,000,00.00 (First Installment) 22.08.2014
d. Maintenance	3,000,00.00 07.08.2014	1,50,000 (Third Installment) 09.03.2018s
e. Total	100,00,000.00 07.08.2014	First Installment 57,50,000.00 Second installment 31,99,121.00 Third Installment: 7,50,000 Total: 9,699,121

5. Equipment ordered/purchased/installed 2014-19

Name (with Model & Make)	Order Date	Installation date	Cost in INR
1. GCMS- (Gas Chromatograph (Trace 1300) with Single Quadrupole Mass Spectrometer) (ISQ QD)and auto sampler (AI 1310) – Thermoscientific	18.09.14	05.05.15	34,96372.00
2. Minimet Automatic weather station-	18.09.14	20.06.15	6,79,378.00
3. Leica M.80 Stereo Microscope	13.02.15	06.06.15	8,25,128.00
4. FTIR Spectrophotometer	28.07.16	17.11.16	16,20,133.00
5. Oxygen electrode	20.07.16	04.11.16	4,93,388.00
6. UV-Visible spectrophotometer	22.08.16	25.11.16	5,80,199.00
7. Millipore water purification system	22.08.16	12.12.16	342,356.00
8. Fume hood cupboard	26.08.16	18.11.16	70,990.00
9. Hot air oven	26.08.16	02.11.16	23,625.00
10. Vacuum evaporator	22.08.16	10.12.16	132,700.00
Total			8264269.00

6. Details of Infrastructure developed: (2014-19 Periods)

Instrumentation Rooms

College has developed Five important Instrumentation Rooms for keeping the instruments preciously. They are

1. GC-MS Centre
2. FTIR Centre
3. Weather Station
4. Spectrometry Laboratory
5. Microscopy Laboratory

GC-MS



Leica M80 Stereo Microscope





Millipore water purification system & Fume Hood



Spectrophotometer



Oxygen Electrode



7. Details of Networking:

a. Net working and Computational Facilities

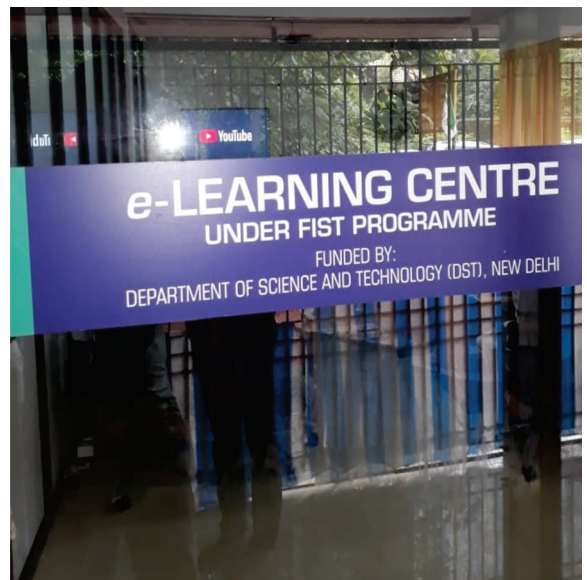
The grant released in aid for Networking and Computational facilities under FIST programme is utilized for creating Central Computer Lab in the central library having internet connectivity, server, UPS 5 KVA and 10 PCs which can be accessed by students, Research Scholars and Faculties at any time in the College. High speed Wifi network surrounding the Sir Syed College campus is accessible to UG and PG students, Research Scholars and Faculties at any time. In addition to this Students and Faculties can access E-books, Research papers, and curriculum related websites through internet. The facilities help the students to access and prepare study materials, assignments, research papers etc. This helps them to enrich their knowledge for preparing assignments, paper presentations for seminars and symposiums. Internet facilities in the well-equipped network resource centre at the college library also provide high speed connectivity. The internet supported classroom aids teaching and also provides distance learning classes and for preparing notes and presentations. The digital library and separate internet facilities are maintained at the central library and other departments of the College.

b. E- Learning Class Room

College has recently setup a well equipped E-learning class room, containing Computers, VU-LED TV and Recording system. The recording system is used for recording the popular lectures of eminent faculties of the college. E-learning system is used for improving the language skill by connecting the the well-equipped computerized language lab, which will help the students expand their vocabulary and improve their pronunciation in English. The students listen to correct pronunciations, record their own voice and they play it back for comparison. The sessions are guided by a qualified teacher. In future college is planning to utilize the e-learning class room works using audio and video conferencing tools that are easily configurable and can also be used to show pre-recorded video tapes and CDs as well.

8. Utilization of the facilities created under FIST support: UG, PG students and Research Scholars of the science departments are using the FIST Funded instruments for their research works. Moreover students from other colleges also utilise the available facilities for their dissertation work. One UGC-Post Doctoral Fellow and thirty seventeen Research scholars from Botany, Zoology and Chemistry departments are using FTIR, GC-MS, Oxygen Electrode, Millipore Water Purification system, UV-Visible Spectrophotometer, Leica M.80 Stereo microscope etc., for their research work. Automatic weather station is used for meteorological data retrieval and the same has been used for interpretation of many physiological parameters of plant metabolite studies. All the meterological data are recorded on a daily basis and the data is obtainable to research scholars and general public on request from the concerned department. Three research scholars from chemistry department and two from Botany are submitted their Ph. D. thesis. Most of their research works are depended upon the DST –FIST Instrument. Since Chemistry and Botany departments are

E-Learning Class Room



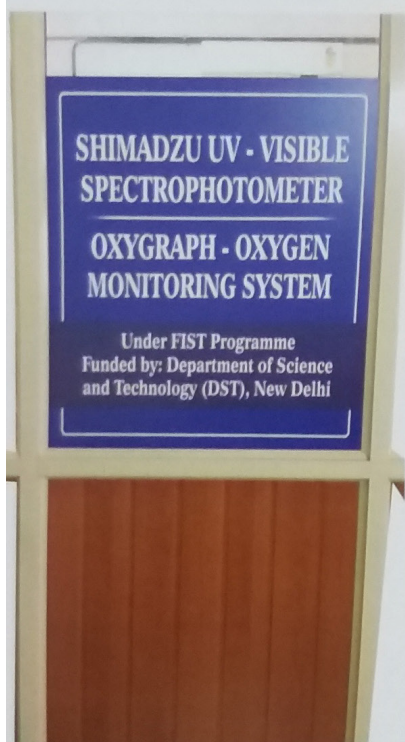
Networking & Computational Facilities



Automatic weather station



Instrumentation Facilities Created Under FIST Programme



research centers of Kannur University, many scholars are opting these center only due to the sophisticated research facilities especially **DST –FIST funded Precious instruments**.

a. For teaching: All the science UG and PG Departments (Botany, Chemistry, Forestry, Physics and Zoology) have already been started several practical sessions and training programs. As a result of the installation of DST-FIST funded instruments in the college, practical session included in the syllabus are more attractively and scientifically handled by the said departments.

b. For research: Four major Research Project run by Department of Botany is funded by KSCSTE and BRNS. GC-MS, Oxygen Electrode, UV-Visible Spectrophotometer are the key instruments for the identification of bioactive compound present in the potential medicinal plants of Kerala. **17 UGC-CSIR** fellow have joined for research programme in Botany and Chemistry leading to Ph.D. The research proposal of these scholars mainly depends on the instrumentation sponsored by FIST. Four major research projects have been submitted to UGC, DST and KSCSTE. The proposal was prepared based on the available GC-MS/FTIR/ Oxygen Electrode and UV-Visible Spectrophotometer funded by FIST. After the implementation of DST-FIST project, several premier institutes of Northern Kerala informed the willingness for integrating research facilities and thereby validating the traditional knowledge acquired by the ethnic communities inhabiting the Malabar regions of Kerala. So far the college has been signed two MoUs with MSSRF, Kalpetta, Wayanad and Cancer Research Centre, Thattalasseri, Kannur respectively. Five major projects have been submitted to DST, MoEF and KSCSTE in collaboration with M.S. Swami Nathan research foundation.

Department level Libraries

In addition to the Central Library of the college, well-equipped departmental libraries are functioning in the selected science PG departments (Botany, Chemistry and Physics) of the college. The book purchased under DST-FIST fund has been setup a department level library with separate shelf's. These libraries have been catering to the needs of the faculty and students with a seating capacity of 10. The stock details include UG/PG university level books and competitive study materials are also available. Important competitive study material includes JAM/CSIR/SET/NET/TET study materials. Details of the books purchased during the period of first and third installments are given below.

Details of the books purchased (First Installment)

Sl. No	Title of the book	Name of the author	Amount
1	Kuila	Essentials of Solid State Physics	326.25
2	Aruldas	Classical Mechanics	663.75
3	Aruldas	Quantum mechanics 500 problems with solution	243.75
4	Biswas	Mathematical methods in Physics	176.25
5	Van Wyk	Chaos in Electronics	408.75

6	Aruldas	Quantum mechanics	525.00
7	Satya Prakash	Nuclear Physics	150.00
8	Murugesan	Modern Physics	937.50
9	Griffiths	Introduction to electrodynamics	281.25
10	Greewal	Numerical methods	202.50
11	Narlikar	An introduction to cosmology	446.25
12	Joshi	Elements of Group Theory for Physics	224.25
13	Banwell	Fund of molecular spectroscopy	307.50
14	Gupta	Physics of the Atom	266.25
15	Ghatak	Introduction to Fiber optics	371.25
16	Gupta	Modern optics	371.25
17	Saxena	Principles of Modern physics	446.25
18	Ghosh	ATB of Practical Physics	221.25
19	Wong	Introduction to Physics	746.25
20	Kar	Advanced Practical Electronics	296.25
21	Gupta	Thermal Physics	393.75
22	Saxena	Electromagnetic Theory and application	221.25
23	Vaughn	Introduction to mathematical physics	821.25
24	Chandra	ATB of Statistical Mechanics	180.00
25	Bowley	Introductory to Statitstical mechanics	308.25
26	Kittel	Introduction to solid state physics	449.25
27	Aruldas	Modern Physics	487.50
28	Griffiths	Introduction to Quantum mechanics	937.50
29	Murugan	Quantum mechanics	412.50
30	Ghatak	Optics	446.25
31	Ghosh	Optoelectronics	296.25
32	Kar	Optics	393.75
33	Gupta	Modern optics	371.25
34	Puri	Solid State Physics	300.00

35	Castellan	Physical Chemistry	348.75
36	RS Berry	Physical chemistry	746.25
37	Curruthers	Modern methods of Organic synthesis	371.25
38	Zemansky	Heat and Thermodynamics	390.00
39	Sonntag	Fundamental of Thermodynamics	366.75
40	Bockris	Modern Electrochemistry 2B Electronics in Chemistry	896.25
41	Bockris	Modern Electrochemistry 1 Ionics	896.25
42	Bockris	Modern Electrochemistry 2A Fundamentals of Electronics	896.25
43	Bruice	Organic Chemistry	783.75
44	Jerry March	March's Adadvanced Organic chemistry	644.25
45	McQuarrie	Quantum chemistry	371.25
46	Hunheey	Inorganic chemistry	618.75
47	Glasstone	An Introduction to electrochemistry	206.25
48	Poole	Introduction to Nanotechnology	441.75
49	Atkins	Inorganic chemistry	513.75
50	Turro	Modern Molecular phytochemistry of organic molecules	5950.51
51	Cotton	Advanced Inorganic Chemistry	584.25
52	Riley	Mathematical Methods for Physics and Engineering	746.25
53	Ghatak	Optical Electronics	371.25
54	Aruldas	Quantum Mechanics 500 Problems with Solutions	243.75
55	Hesse	Pollen Terminology an illustrated Handbook	9102.96
56	Bansil	Economis of Agricutlure-species & Medicinal Plants	2246.25
57	Arya Vaidya Sala	Indian Medicinal Plants 5 Volume	3731.25
58	Sukha Dev	Prime Ayurvedic Plant Drugs	2461.25
59	Alagessaboopathi	Endemic Medicinal Plants	1350.00
60	Mohammed Ali	Pharmacogonsy Vol-1	596.25
61	Mohammed A	Pharmacogonsy Vol-2	521.25
Total			50,000.00

DETAILS OF PURCHASED BOOKS (Third Installment)

Sl. No	Title of the book	Name of the author	Amount
1	Introduction to Biostatistics	Pranab Kumar	210
2	Nanotechnology the science of Small things	Shah MA	489
3	Success guides paleontology for B.Sc. students	Agarwal V.K.	75
4	Text book of environmental studies for undergraduate	Erach Bharucha	250
5	The Embryology of Angiosperms 6Ed	Bhojwani SS	399
6	Dictionary of Biotechnology and Genetic Engineering	Mark L. Steinberg	225
7	Text book of palynology	Bhattacharya A.K.	830
8	Botany for degree students B.Sc. 3 year	Pandey B.P.	525
9	Plant breeding molecular and new approach	Phundan singh	295
10	An introduction to Pteridophyta	Rashid A	465
11	Nanotechnology fundamentals and applications	Manasi Karkare	275
12	Environmental Biology	Das PC	175
13	Medicinal Plants of Kerala	Jolly C.IDR	160
14	Fruits plants of Kerala	Unnikrishnan Nair	60
15	Environment and Malayalam Poetry	Anand Kavalam	115
16	Fundamentals of Digital Circutes	Anand Kumar	423.50
17	Quantum mechanics	Aruldhas	269.50
18	Fundamentals of Moelcular spectroscopy	Banwell	442.75
19	Lasers fundamentals and applications	Thyagarajan	327.25
20	A text book of Electrical Technology Vol IV	Theraja	346.50
21	A text book of Electrical Technology Vol I	Theeraja	423.50
22	A text book of electrical technology Vol. II	Theeraja	384.23
23	Popular Master Guide Joint CSIR-UGC NET physical science	R.Guptas	535.15
24	CSIR-UGC NET JRF/SET Physical Sciences	Arihant	689.15
25	CSIR-UGC NET/JRF/SET Physical Sciences	Upkars	650.65
26	Object –oriented programming with C++	Balagurusamy	334.95
27	Introductory Nuclear Physics	Krane	1151.15
28	Introduction to Solid State Physics	Chales Kittel	538.23
29	Op-AMPS and Linear Integrated Circuits	Gayakwad	399.63
30	Electronic Principles	Malvino	589.05

31	Principles of Electronics	VK Mehta	500.50
32	Quantum Mechanics	V.K.Thankapan	384.23
33	Concepts of Modern Physics	Beiser	535.15
34	Principles of Physics	Walker	692.23
35	The Feynman Lectures on Physics Vol. I	Feynman	499.73
36	The Feynman Lectures on Physics Vol. II	Feynman	499.73
37	The Feynman Lectures on Physics Vol. III	Feynman	499.73
38	Molecular Structure and Spectroscopy	Aruldas	346.50
39	Quantum Mechanics concepts and Applications	Zettili	804.65
40	A Text Book of optics	Subrahmanyam	461.23
41	Mechanics	Upadhyaya	346.50
42	Electronic devices and circuits	Bell	538.23
43	Digital fundamentals	Floyd	584.43
44	Solid state physics	RK Puri	211.75
45	Introduction to classical mechanics	Takwale	488.95
46	Classical mechanics	Goldstein	615.23
47	Heat and Thermodynamics	Zemansky	496.65
48	Optics	Ghatak	535.15
49	IIT –JAM physics	R Guptas	377.30
50	GATE 2019 Physics	GK	1155
51	Introduction to Electrodynamics	Griffith	361.13
52	Electronic devices and Circuit theory	Boylestad	676.83
53	Fundamentals of Magnetism and Electricity	DN Vandeva	404.25
54	An introduction to astrophysics	Baidynadan Basu	381.15
55	Electronic Lab Manual Vol I	KA Navas	304.15
56	Electronic Lab Manual Vol. II	KA Navas	138.60
57	Microprocessor Architecture	Goanker	381.15
58	Statistical Mechanics	Pathria	469.70
59	Modern quantum mechanics	JJ Sakura	715.33
60	Fundamentals of Microprocessor and Microcomputers	B Ram	204.05
61	Modern Physics	Murugesan	481.25
62	The Great Universe	GK Sasidharan	308.00

63	Physical chemistry	Castellan	358.05
64	Organic spectroscopy	William Kemp	384.23
65	Quantum chemistry	RK Prasad	1463
66	Organic chemistry	Clayden	1811.04
67	A guidebook to mechanism in organic chemistry	Sykes	1091.86
68	Vogels qualitative inorganic analysis	Sevehla	984.06
69	Physical chemistry	Levine	2887.50
70	Chemical kinetics	Laidler	1230.46
71	Inorganic chemistry	Miessler	4153.38
72	Bioinorganic chemistry	Asim K Das	654.50
73	Organic chemistry	Morrison	2169.09
74	Fundamental concept of inorganic chemistry Vol. I	Asim K Das	423.50
75	Fundamental concept of inorganic chemistry Vol. II	Asim K Das	404.25
76	Fundamental concept of inorganic chemistry Vol. III	Asim K Das	423.50
77	Fundamental concept of inorganic chemistry Vol. IV	Asim K Das	423.50
78	Fundamental concept of inorganic chemistry Vol. V	Asim K Das	423.50
79	Fundamental concept of inorganic chemistry Vol. VI	Asim K Das	423.50
80	Spectrometric identification of organic compounds	Silverstein	1199.66
81	Physical chemistry	Silbey	1322.86
82	Physical chemistry	Castellan	1832.60
83	Principles of physical chemistry	Puri	2618
84	Modern Organic chemistry	MK Jain	2464
85	Atkins Physical chemistry	Peter Atkins	1339.80
86	A textbook of Environmental Studies	Chawla	325
87	Genetics and Biotechnology	Vijaykumaran	170
88	Botany for Degree students Bryophytes	Vaashishta	550
89	Exercises in plant physiology	Delvin	495
90	Introduction to Biophysics	Pranab Kumbar Banerjee	250
91	Laboratory Manual in Biochemistry	Jayaraman	150
92	Dye yielding plants Characters Properties and uses	Murugan	500

93	Angiosperms	Annie Ragland	440
94	Fundamentals of Genetics	R.P.Meyyan	638
95	Fundamentals of Plant Anatomy and microtechnique	Annie Ragland	420
96	Fungi and Plant pathology	Annie Ragland	720
97	Fundamentals of Horticulture and Plant Breeding	VK Kumaresan	570
98	Plant Breeding	V Kumaresan	200
99	Plant cell and Tissue culture	Mahipam Singh	600
100	Plant Physiology	Annie Ragland	1050
101	Plant physiology and Biophysics	Annie Ragland	900
102	Plant functions and Biotechnology	Annie Ragland	240
103	Taxonomy of Angiosperms	Annie Ragland	240
104	Animal Diversity Volume –I Invertebrata	N.Arumugan	300
105	Animal Diversity –Chordata Volume -2	N.Arumugan	240
106	College Botany Volume 6	Annie Ragland	590
107	College Botany Volume 7	Annie Ragland	1440
108	College Botany Volume 8	Annie Ragland	1550
109	Environmental Studies	N.Arumugan	1600
110	Pteridophytes Gymnosperm and Palaeobotany	Annie Ragland	1300
111	Algae and Bryophytes	Annie Ragland	720
112	Algae	Annie Ragland	580
113	Angiosperm Taxonomy and Embryology	Annie Ragland	599.91
114	Bryophytes	Annie Ragland	1540
115	Cell Biology, Anatomy and Microtechnique	Annie Ragland	1420
116	College Botany Volume 1	Annie Ragland	1350
117	College Botany Volume 2	Annie Ragland	990
118	College Botany Volume 3	Annie Ragland	990
119	College Botany Volume 4	Annie Ragland	930
120	College Botany Volume 5	Annie Ragland	1470

121	Matrices and Tensors in Physics	Joshi	1230.23
122	Solid state physics	Wahad	381.15
123	Digital principles and applications	Leach	1461.23
124	Modern Physics	Krane	1607.53
125	An introduction to Mechanics	Kleppner	512.05
126	Astrophysics	Abhyankar	654.50
127	Basic electronics	Theraja	500.50
128	Classical mechanics	Aruldas	250.25
129	Statistical Mechanics	Huang	538.23
130	Modern Physics	Murugesan	500.50
131	Nano the essential	Pradeep	542.85
132	Problems and Solutions on atomic nuclear and particle physics	Lim	1458.15
133	Fundamentals of physics with applications	Beiser	481.25
134	Geometrical and Physical optics	Chakrabarthy	358.05
135	Fundamentals of solid state physics	Saxena	415.80
136	A text book of electronics	Chattopadhyay	319.55
137	Solid state physics	Ashcroft	538.23
138	Basic thermodynamics	Guha	1211.75
139	Optical electronics	Ghatak	381.15
140	Introductory methods of numerical analysis	Sastry	269.50
141	Electromagnetic field theory fundamentals	Guru	481.25
142	Electromagnetics	BB Laud	1211.75
143	Statistical physics	Mandle	689.15
Total			1,00,000.00

9. Details of full length research publications (in peer-reviewed journals) during the period under

Report:

PUBLISHED PAPERS

(With the support of DST-FIST Instruments)

1. Neha C. P. and Abdussalam A.K. **2019**: GC-MS Analysis of bioactive components on the fruit extracts of *Artocarpus hirsutus* Lam.: a potential wild edible plant. *Int. J. Pharm. Sci & Res.* 10(6): 2981-84.
2. Jathina M. and Abdussalam A.K., **2019**. Histological and morphological responses of *Bacopa monnieri* (L.)Pennell in glycophytic and halophytic conditions. *Int. J. Pharm. Sci. Res.* 10(1) : 1000-1006.
3. Leena, P., Hukuman N. H.Z. Biju, A.R. and Jisha, P. **2019**. Studies on Methanolic Extract of *Lepidagathis keralensis* as Green Corrosion Inhibitor for Mild Steel in 1M HCl *J. Electrochem. Sci. Technol.* **10**(2): 231-243.
4. Jisha, M. and Hukuman N. H.Z. **2017**. In Vitro antioxidant efficacy of the flowers and leaves of *Pogostemon quadrifolius* (Benth.) F. Muell. (Laamiaceae). *Der Pharma Chemica.* 9 (8): 21-24.
5. Leena, P, Hukuman N. H.Z. and Jisha M. **2017**. Evaluation of antimicrobial activity of crude extracts of *Lepidagathis keralensis* against pathogenic organisms *Int. J. Res. Pharm. Sci.* **8** (3): 321-326.
6. Leena, P., Hukuman N. H.Z. Jisha, M. **2017**. Antioxidant activities and chemical composition of various crude extracts of *Lepidagathis keralensis*. *J. App. Pharm. Sci.* **7** (06): 182-189.
7. Leena P., Zeinul Hukuman N. H. and Jisha M., **2017**. Antioxidant activities and chemical composition of various extract of *Lepidagathis keralensis*. *J. App. Pharm. Scie.* **7**(6): 182-189.
8. Ramya Rajan and Shamsudeen, R.S.M. **2017** Diversity of Hawk Moths (Lepidoptera: Sphingidae) of Malabar Region of Kerala. *Elixir. Bio Diver.* 110 (2017) 48228-48233.
9. Leena P., Zeinul Hukuman N H. and Jisha M., 2017. Evaluation of antimicrobial activity of crude extracts of *Lepidagathis keralensis* against pathogenic organisms. *Int. J. Res. Pharm. Sci.* 8(3):1-6.
10. Jasna T K., Khaleel K. M. and Rajina M., **2017**. *In vitro* antibacterial activity of mangrove plant *Kandelia candel* (L.) Druce (Rhizophoraceae). *World J. Pharm. Res.* **6**(11): 470-477.
11. Jasna T K. and Khaleel K M., **2017**. Preliminary phytochemical screening and GC-MS analysis of chloroform extract of *Kandelia candel* (L.) Druce. *International journal of pharmaceutical sciences and research.* 8(8): 3530-3533

12. Rajina M., Ratheesh-Chandra P. and Khaleel K M., **2017**. Phytochemical and GC-MS analysis of leaf extracts of *Pseudarthria viscida* (L) Wight & Arn. *Intl. J. Pharm. Sci. & Res.* 8(9): 3843-3846
13. Rajina M. and Khaleel K. M., **2017**. Low-dose electron beam induced changes in phytochemicals and shelf-life of *Desmodium Gangeticum* (L.) DC. *Journal of Innovations in Pharmaceutical and Biological Sciences.* 4(4): 01-05.
14. Swathi Krishna C., Ratheesh Chandra. and Khaleel K M., 2017. Phytochemical screening and GC-MS studies of *Syzygium dhaneshiana* leaf and bark extracts. *Intl. J. Pharma. Scie.& Res.* 8(5): 2277-2281.
15. Jisha M., Zeinul Hukuman N H. and Leena P., 2017. Quantitative analysis of selected secondary metabolites in the leaves and flowers of *Pogostemon quadrifolius* (Benth.) F. Muell. (Laamiaceae). *International journal of Chem Tech. Res.* 10(2):1079-1084.
16. Abdussalam A K., Jathina M., Jamsheena K. and Ratheesh Chandra., 2016. Phytochemical analysis and GC-MS study of *Dioscorea* (Yam) in Wayanad district Kerala state. *Intl. J. Inno. Sci. Res.* 1(7): 1345-1352.
17. Leena, P., Hukuman N. H.Z. and Jisha M. (**2016**). In Vitro Antimicrobial Efficacy and GC-MS Analysis of Bioactive Components from *Lepidagathis keralensis* (Acanthaceae). *World. J. Pharma. Res.* **5** (12) 937-948.
18. Ruthisha P K., Ratheesh-Chandra P. and Khaleel K M., **2016**. Phytochemical evaluation and GC-MS analysis of whole plant extract of *Seidenfia rheedii* (SW). SZIACH. (Orchidaceae). *World journal of pharmaceutical research.* 6(2): 594-603.
19. Jisha M., Zeinul Hukuman N H. and Leena P., **2016**. GC-MS analysis of leaves and flowers of *Pogostemon quadrifolius* (Benth.) F. Muell. (Laamiaceae). *World J. Pharma. Res.* 5(12): 667-681
20. Jisha M., Zeinul Hukuman N H. and Leena P., **2016**. *In vitro* antimicrobial activities of the leaves and flowers of *Pogostemon quadrifolius* (Benth.) F. Muell. (Laamiaceae). *Euro. J. Bio. Pharma. Scie.* 3(12): 553-559.
21. Leena P., Zeinul Hukuman N. H. and Jisha M., **2016**. *In vitro* antimicrobial efficacy and GC-MS analysis of bioactive components from *Lepidagathis keralensis* (Acanthaceae). *World J. Pharma. Res.* 5(12): 937-948.
22. Abdussalam A K., Jathina M., Jamsheena K. and Ratheesh Chandra., **2015**. *Dioscorea*: (Yam) a staple wild food of different tribal communities of Wayanad District-Kerala State- a scientific validation and conservation approach. *Int. J. Inno. Bio. Sci.* .3(5): 215-226.
23. Krishna C., Sajeesh T. and Parimelazhagan T., **2014**. Evaluation of nutraceutical properties of *Laportea inerrupta* (L.) Chew. *Food Sci Biotechnol.* 23(2):577-585.

6 papers are **accepted** in the International Scopus listed Journal- **research work based on the Oxygen Electrode, FTIR, GC-MS, Spectrophotometer, Stereo Microscope etc.**

10. Sponsored research projects in operation during the period under report

Sl. No	Name of the Principal Investigator	Title of the Project	Funding Agency	Amount utilized
1	Dr.RSM Shamsudheen (Dept. of Zoology)	Diversity & Ecological Mapping of <i>Lipidoptera</i> of Shola forest	MoEF, Govt of India	20,55,900.00
2	Dr.Tajo Abraham (Dept. of Botany)	Improvements of <i>Stevia rebandiana</i> by In vitro mutagenesis allele mining	KSCSTE, Govt. of Kerala	15,25,600.00
3	Dr.KM Khaleel (Dept. of Botany)	Effect of Irradiation on the Active Components for Shelf life of selected Ayurvedic Medicinal Plants	BRNS, Govt. of India	14,44,500.00

Two major Research Project run by Department of Botany and one by Zoology funded by KSCSTE, BRNS and MoEF respectively in which Oxygen Electrode, FTIR, UV-Visible Spectrophotometer, GC-MS, Stereo Microscope etc. are some of the key instruments for the identification of Bioactive compounds present in the potential medicinal plants of Kerala and two major projects are submitted-to DST and other too UGC).

11. Utilization of Equipment from outside the College: Three M. Pharm Students, two M.D. students from Kottakkal Ayurveda College, Kottakkal Arya Vaidya Sala and Seven M.Sc. Botany students from Calicut university are doing their M.Sc. project work at Sir Syed College and utilized the instruments like GC-MS, FTIR, Oxygen Electrode, UV-Visible Spectrophotometer facilities. Many research scholars from other Colleges affiliated to the Kannur University and Calicut University are consulting college for analyzing their biological/ Physical and chemical samples by using the GC-MS, Stereo microscope, oxygen electrode and FTIR facilities in the college.

12. Self-assessment of the impact of FIST support: The instruments funded by the DST-FIST have remarkable impact on the field of research in the college; especially many talented students are coming over here for doing their research, UG/PG project works from other colleges and universities purely based on the attraction of the new instruments funded by DST-FIST. The instrumentation room created by the college due to the funding of DST-FIST, University has already been sanctioned and conducted many training programme's in the college especially intercollegiate UG-PG level. Recently Government of Kerala granted a programme entitled "HSSTTP" (Kerala Higher Secondary Teachers Transformation Programme) for selected Biology (Botany and Zoology) Teachers of Kerala. The programme duration was 10 days, in which teachers from each districts of Kerala has been participated and many training sessions were done based on the DST-FIST Instruments. Government of Kerala selected Sir Syed College only because of the instrumentation facilities available in the college and purchased under DST-FIST.

a. New class-room experiments at B.Sc./ M.Sc. or other levels: B.Sc. and M.Sc. practical sessions are conducted at the newly equipped FIST funded laboratory. Due to the availability of the FIST funded instruments like GC-MS. FTIR, Oxygen electrode, Spectrophotometer, Millipore water purification system, Stereo microscope etc. many of the practicals could be demonstrated at the B.Sc. and M.Sc. practical classes itself and it was very helpful to the students.

b. Success of students at national level tests (various PG/Ph.D. entrance tests and tests for JRF etc): Last year 19 students have cleared CSIR - JRF and NET. They are getting admission to the Ph. D. at various esteemed Research Centers. Twenty three students were getting admission at the Central University for their M.Sc. course as a result of the National level entrance test in this academic year.

c. **Any new research project that emerged on the basis of the FIST support:** Four major projects have been submitted to the DST/UGC and KSCSTE. The proposal was prepared based on the available GC-MS/FTIR/Oxygen Electrode and UV-Visible Spectrophotometer funded by FIST.

d. **Did the newly created facility lead to betterment of quality of research publications:** So far twenty three research papers have been published based on the FIST instruments in the International/National Scopus listed I journal and more research papers will be published with the facilities supported by DST-FIST.

e. **Any training program/ workshop organized by the department during the period of report, especially those involving the newly created facility):**

Nine training programme has been conducted for Research scholars of Kannur University, Higher secondary teachers of various schools and B.Sc. and M.Sc. final year students of Sir Syed College for their project related work.

13. Is any problem faced in utilization of the grant/facilities? No

A report highlighting the research activities of the College during the period under review may also be provided.

Sir Syed College, reaccredited by NAAC with **A Grade in the third cycle** has two (Botany and Chemistry) recognized research centers under Kannur University in the various specializations and altogether one UGC Post-Doctoral Fellow and Thirty six Research scholars are working under 16 Research Supervisors. College has already produced **Fifteen Ph.Ds.** in Botany and Chemistry disciplines. Besides enhancing the outlook of the students and the faculty member's, research also provides knowledge base with which they can take up applied research of current relevance to industry. During the last calendar years faculty members were pursuing their research leading to PhD. Also during this period, PhD degree was awarded to two faculty members of the college. Sixty percentage of the teachers are having Ph. D. degree and the newly joined teachers are doing their research in various universities. So far the college has published more than **534** Research papers in various

international and national journals with good impact factor and **22 books** of International/ National standards. The Government of India through its various arms such as UGC, DST/ MOEF, KSCSTE, BRNS etc. is making funds available for carrying out application oriented research. Greater attention is given to use this opportunity to carry out application oriented research of national relevance. At the end of the academic year, the College is carrying out seven sponsored major and minor research projects with grants totaling about **Rs.2.57 crores**. The instruments funded by the DST-FIST definitely encourage the research in the diversified field of Botany and Chemistry. Both of the departments are promoting research in the field of plant taxonomy, molecular biology, computational chemistry, co-ordination complex and phytochemistry. The research facilities in the college will ultimately lead to understand many natural phenomena's that is yet to be unresolved in science and hope it will be beneficial to the entire society. At present 41 Research scholars are doing their research in the various science disciplines. Sixty percentages of the scholars are **JFR holders**. Remaining scholars receiving their fellowships from different national agencies and Universities. In order to keep the research enthusiasm and motivating younger generation into the field of research, three floored Research Block has been constructed by College Management.



A handwritten signature in green ink, appearing to be "Dr. P.T. Abdul Azeez".

Dr. P.T. Abdul Azeez, Principal



SIR SYED COLLEGE

(Affiliated to Kannur University)

Re-accredited by NAAC with A Grade

Karimbam, Taliparamba, Kannur, Kerala, India - 670142

Tel: 0460 2205866, 2203217

Email: sirsyedcollege1967@gmail.com

www.sirsyedcollege.ac.in



ന്യൂനപക്ഷ ക്ഷേമ ഡയറക്ടറേറ്റ്

വികാസ് ഭവൻ, തിരുവനന്തപുരം

ടെലിഫോൺ-0471-2300523,24,2302090

ഇ-മെയിൽ-director.mwd@gmail.com

വെബ് സൈറ്റ്-www.minoritywelfare.kerala.gov.in

'ഭരണ ഭാഷ-മാതൃഭാഷ'

നം.എം.ഡബ്ല്യൂ.ഡി/1168/2023/എസ്

തീയതി. 28.11.2023

ഡയറക്ടർ

പ്രിൻസിപ്പാൾ/കോ-ഓർഡിനേറ്റർ

സർ,

വിഷയം:- ന്യൂനപക്ഷ ക്ഷേമ ഡയറക്ടറേറ്റ്-യുജിസി/സിഎസ്ഐആർ/നെറ്റ് പരീക്ഷ പരിശീലനം സംഘടിപ്പിക്കുന്നത് - സംബന്ധിച്ച്.

2023-24 സാമ്പത്തിക വർഷം ന്യൂനപക്ഷ ക്ഷേമ വകുപ്പ് മുഖേന നടപ്പിലാക്കുന്ന യു.ജി.സി/സി.എസ്.ഐ.ആർ/നെറ്റ് പരീക്ഷയ്ക്ക് പരിശീലനം നൽകുന്നതിനുള്ള പദ്ധതി നടപ്പിലാക്കുന്നതിന് താങ്കളുടെ കോളേജിനെ അപേക്ഷ പരിഗണിച്ച് തിരഞ്ഞെടുത്തിട്ടുണ്ട്. ഇതോടൊപ്പം ഉള്ളടക്കം ചെയ്തിരിക്കുന്ന നിബന്ധന കൾക്ക് അനുസൃതമായിട്ടായിരിക്കണം പരിശീലനം നൽകേണ്ടത്. പരിശീലനം നൽകുന്നതിന് സമ്മതമാണെങ്കിൽ പകർപ്പായി ഉള്ളടക്കം ചെയ്തിരിക്കുന്ന സമ്മതപത്രം ഒപ്പിട്ടു സീൽ വെച്ച് തിരികെ വകുപ്പിലേയ്ക്ക് എത്രയും വേഗം സമർപ്പിക്കേണ്ടതാണ്. 20.11.2023- ൾ തീയതി ചേർന്ന മീറ്റിംഗിന്റെ മിനിട്ട്സ് പകർപ്പായി ഉള്ളടക്കം ചെയ്യുന്നു.

വിശ്വസ്തയോടെ,

അഡ്മിനിസ്ട്രേറ്റീവ് ഓഫീസർ
(ഡയറക്ടർ ഇൻചാർജ്)

സമ്മതപത്രം

സംസ്ഥാന ന്യൂനപക്ഷ ക്ഷേമ വകുപ്പ് നടപ്പിലാക്കുന്ന, ന്യൂനപക്ഷ വിദ്യാർത്ഥികൾക്ക് **യുജിസി/സിഎസ്ഐആർ/നെറ്റ്** പരീക്ഷയ്ക്ക് പരിശീലനം നൽകുന്നതിനുള്ള പദ്ധതി, അനുബന്ധത്തിൽ വിവരിച്ചിരിക്കുന്ന വ്യവസ്ഥകൾ പൂർണ്ണമായി പാലിച്ചുകൊണ്ട് വിഷയത്തിൽ 2023-24 സാമ്പത്തിക വർഷം
..... കോളേജിൽ **യുജിസി/സിഎസ്ഐആർ/നെറ്റ്** പരിശീലനം പൂർണ്ണ ഉത്തരവാദിത്വത്തോടു കൂടി ഏറ്റെടുത്തു നടപ്പിലാക്കുവാൻ ഞങ്ങൾക്ക് സമ്മതമാണ്.

പ്രിൻസിപ്പൽ:
(Signature with seal)

കോഴ്സ് കോ - ഓർഡിനേറ്റർ
(**യു.ജി.സി./സി.എസ്.ഐ.ആർ/നെറ്റ്**
പരിശീലന പദ്ധതി)
(Signature with seal)

തീയതി :
സ്ഥലം :

(Note: പരിശീലന പരിപാടിയിലേയ്ക്ക് തെരഞ്ഞെടുത്തതിനുശേഷം പിന്മാറ്റവാൻ പാടില്ല)

ന്യൂനപക്ഷ ക്ഷേമ വകുപ്പ് നടപ്പിലാക്കുന്ന യുജിസി/സിഎസ്ഐആർ/നെറ്റ് പരീക്ഷയ്ക്ക് ന്യൂനപക്ഷ വിദ്യാർത്ഥികൾക്ക് പരിശീലനം നൽകുന്നതിനുള്ള പദ്ധതിയുടെ നിബന്ധനകൾ

1. 2023-2024 അദ്ധ്യയന വർഷം ന്യൂനപക്ഷ ക്ഷേമ വകുപ്പ് മുഖേന നടപ്പിലാക്കുന്ന യു.ജി.സി/സി.എസ്.ഐ.ആർ/നെറ്റ് പരീക്ഷ പരിശീലനത്തിന് വിദ്യാർത്ഥികൾക്ക് പരിശീലനത്തിനായി 2023 നവംബർ 29 മുതൽ ഡിസംബർ 06 തീയതി വരെ അപേക്ഷിക്കാവുന്നതാണ്.
2. ടി അപേക്ഷ ഫോമും, വിജ്ഞാപനവും വകുപ്പ് വെബ് സൈറ്റിൽ (www.minoritywelfare.kerala.gov.in) പ്രസിദ്ധീകരിക്കുന്നതാണ്.
3. ടി പരിശീലന പദ്ധതിയുടെ പ്രയോജനം കൂടുതൽ വിദ്യാർത്ഥികൾക്ക് എത്തിക്കുന്നതിനായി പ്രാദേശിക ദിനപത്രങ്ങൾ/മറ്റു ദൃശ്യ ശ്രാവ്യ മാധ്യമങ്ങൾ മുഖേന പ്രസിദ്ധപ്പെടുത്തേണ്ടതാണ്.
4. താങ്കളുടെ കോളേജ് കേന്ദ്രീകരിച്ച ഇപ്രകാരം ഒരു പരിശീലന പരിപാടി സംഘടിപ്പിക്കുന്ന വിവരവും ആയതിലേയ്ക്ക് താല്പര്യമുള്ള അർഹരായ വിദ്യാർത്ഥികളെ പങ്കെടുപ്പിക്കുന്നതിനുള്ള നടപടികൾ കോളേജ് തലത്തിൽ സ്വീകരിക്കണം എന്ന് അഭ്യർത്ഥിച്ചുകൊണ്ടും താല്പക്കിലെ മറ്റു സർക്കാർ/എയ്ഡഡ് കോളേജുകളുടെ പ്രിൻസിപ്പൽമാർക്ക് കത്ത്/ഇ-മെയിൽ സന്ദേശം നൽകേണ്ടതാണ്.
5. ന്യൂനപക്ഷ വിഭാഗങ്ങളിൽ നിന്നും ആവശ്യത്തിന് അപേക്ഷ ലഭ്യമാകാത്ത സാഹചര്യത്തിൽ 75% ന്യൂനപക്ഷ വിദ്യാർത്ഥികളെ ഉൾക്കൊള്ളിച്ചും 25% മറ്റു മത വിഭാഗങ്ങളിലുള്ള വിദ്യാർത്ഥികളെ മെറിറ്റ് അടിസ്ഥാനത്തിലും നിബന്ധനകൾ പാലിച്ച് പ്രവേശിപ്പിച്ചു പരിശീലനം സംഘടിപ്പിക്കാവുന്നതാണ്.
6. വിഷയാടിസ്ഥാനത്തിലാണ് പരിശീലനം നൽകുന്നതെങ്കിൽ പരിശീലനം നൽകുന്ന വിഷയത്തോടൊപ്പം നെറ്റ് പരീക്ഷയുടെ ഒന്നാം പേപ്പറിനും ആകെ ലഭ്യമായ മണിക്കൂറിൽ നിന്നും ഉചിതമായ സമയം കണ്ടെത്തി പരിശീലനം നൽകേണ്ടതാണ്. എന്നാൽ ഒന്നാം പേപ്പറിന്മാത്രമായും സമഗ്ര പരിശീലനം നൽകാവുന്നതാണ്.
7. ന്യൂനപക്ഷ വിദ്യാർത്ഥികളുടെ തെരഞ്ഞെടുപ്പിൽ, 50% വിദ്യാർത്ഥികളെ സ്വന്തം കോളേജിൽ നിന്ന് തെരഞ്ഞെടുക്കാനും, 50% വിദ്യാർത്ഥികളെ സമീപസ്ഥമായ കോളേജുകളിൽ നിന്നും തെരഞ്ഞെടുക്കാനുമാണ്.
8. ബിരുദാനന്തര ബിരുദ ഒന്നാം വർഷ പരീക്ഷയിൽ 55% മാർക്ക് നേടി രണ്ടാം വർഷ പഠനം നടത്തുന്നവരെയും ബിരുദാനന്തര ബിരുദം 55% മാർക്കോടെ പൂർത്തിയാക്കിയവരെയും ഈ പരിശീലനത്തിന് പങ്കെടുപ്പിക്കാം.

9. ഈ പരിശീലനത്തിലേക്കുള്ള പ്രവേശനത്തിൽ BPL വിഭാഗത്തിൽപ്പെടുന്ന വിദ്യാർത്ഥികൾക്ക് മുൻഗണന നൽകേണ്ടതാണ്. എ.പി.എൽ വിഭാഗത്തിൽപ്പെടുന്നവരിൽ കുടുംബ വാർഷിക വരുമാനം എട്ടു ലക്ഷം വരെയുള്ളവർക്കും പ്രവേശനം അനുവദിക്കാവുന്നതാണ്.
10. പരിശീലന പദ്ധതി നടപ്പിലാക്കാൻ തിരഞ്ഞെടുക്കപ്പെടുന്ന സ്ഥാപനമേധാവികൾ നിശ്ചയിച്ചിരിക്കുന്ന നിബന്ധനകൾ പാലിച്ചുകൊണ്ട് പദ്ധതി വിജയകരമായി പൂർത്തീകരിക്കും എന്ന് ഉറപ്പു നൽകുന്ന ഒരു Undertaking സ്ഥാപന മേധാവിയും, കോഴ്സ് കോ-ഓർഡിനേറ്ററും വകുപ്പിന് നൽകേണ്ടതാണ്.
11. പദ്ധതി നിർവ്വഹണ മേൽ നോട്ടത്തിന്റെ ഭാഗമായി പരിശീലന കാലഘട്ടത്തിൽ പരിശീലന സ്ഥാപനത്തിൽ പരിശോധന നടത്തുന്നതിന് ന്യൂനപക്ഷ ക്ഷേമ വകുപ്പിന് അധികാരമുണ്ടായിരിക്കും.
12. ഒരു ബാച്ചിൽ ചുരുങ്ങിയത് 50 പേരിൽ കുറയാതെ എത്ര പേരെ വേണമെങ്കിലും വിഭവ ലഭ്യതയുടെ അടിസ്ഥാനത്തിൽ പങ്കെടുപ്പിക്കാം.
13. പരിശീലന പദ്ധതിയുടെ സഹായം reimbursement ആയാണ് അനുവദിക്കുന്നത്.
14. 2024 ജനുവരി മാസ അവസാനത്തോടു കൂടി കോച്ചിംഗ് പൂർത്തീകരിച്ച് ബില്ലും വൗച്ചറും സമർപ്പിക്കേണ്ടതാണ്.
15. ഒരു ബാച്ചിന് 12 ദിവസങ്ങളിലായി 72 മണിക്കൂർ പരിശീലനം നൽകുന്നതിന് ഫാക്കൽറ്റി പ്രതിഫലം, ഇനത്തിൽ 72000 രൂപയും ഭരണചെലവ്, പഠന സാമഗ്രഹികളുടെ ചെലവ് ഇനത്തിൽ ഒരു ബാച്ചിന് 7500 രൂപയും ചേർത്ത് ആകെ 79500 രൂപ പദ്ധതി നടപ്പിലാക്കുന്നതിനായി കോളേജുകൾക്ക് അനുവദിക്കുന്നതാണ്. 79500 രൂപ ചെലവഴിക്കേണ്ട വിശദ വിവരങ്ങൾ ചുവടെ ചേർക്കുന്നു.

ക്രമ. നം	ഇനം	തുക
1.	ഫാക്കൽറ്റി പ്രതിഫലം (1 മണിക്കറിന് 1000/- രൂപ വീതം 6 മണിക്കറിന് 6000/- രൂപ വെച്ച് x 12 ദിവസത്തേക്ക്)	72,000/-
ഭരണ ചെലവ്		
2.	Banner	800/-
	stationery (പഠന സാമഗ്രഹികളുടെ ചെലവ്)	3000/-
	Photo copy	500/-
	Refreshment (tea and snacks 2 times a day)	2500/-
	മറ്റ് അഡ്മിനിസ്ട്രേറ്റീവ് ചെലവ് (postal charges and other expense)	700/-
	ആകെ	79500/-

16. പരിശീലന പദ്ധതിയുടെ സഹായ ധനം ലഭിക്കാൻ പരിശീലന പദ്ധതി പൂർത്തീകരിച്ച ശേഷം സ്ഥാപനമേധാവി വിശദമായ റിപ്പോർട്ട് താഴെ പറയുന്ന വിവരങ്ങൾ സഹിതം ന്യൂനപക്ഷക്ഷേമ വകുപ്പിന് സമർപ്പിക്കേണ്ടതാണ്.

- a) പങ്കെടുത്ത വിദ്യാർത്ഥികളുടെ ലിസ്റ്റ് (പേര്, ക്ലാസ്, അഡ്രസ്സ് (സ്കൂൾ/ഹോം), മൊബൈൽ നമ്പർ)
- b) വിദ്യാർത്ഥികളുടെയും ഫാക്കൽറ്റികളുടെയും ഹാജർ പട്ടിക.
- c) ഫോട്ടോ - ക്ലാസ്സ് ഫോട്ടോ.
- d) ഫാക്കൽറ്റികളുടെ acquittance register (copy).
- e) മറ്റ് അഡ്മിനിസ്ട്രേറ്റീവ് ചെലവ് തുക, പഠന സാമഗ്രഹികളുടെ ചെലവ് തുക എന്നിവ വന്നിട്ടുണ്ടെങ്കിൽ അതിന്റെ ബില്ലുകൾ/ രസീത്/വാച്ചർ മുതലായവ. സ്ഥാപനമേധാവി സർട്ടിഫൈ ചെയ്യണം (ഓഫീസ് സീൽ പതിച്ചിരിക്കണം)
- f) ചിലവായ തുകയുടെ ആകെയുള്ള ഒരു സ്റ്റേറ്റ്‌മെന്റും ഇനം തിരിച്ചും പ്രത്യേകം രേഖപ്പെടുത്തണം.
- g) എല്ലാ ബില്ലുകൾ/രസീത്/വാച്ചർ എന്നിവയുടെ ഒറിജിനലും രണ്ട് കോപ്പിയും കൂടി അയക്കണം.
- h) സ്ഥാപനത്തിന്റെ ബാങ്ക് അക്കൗണ്ട് വിവരങ്ങൾ, IFSC Code ഉൾപ്പെടെ Bank Pass book-ന്റെ ഒന്നാം പേജ് കൂടി അയക്കണം.
- i) റിപ്പോർട്ടിൽ സ്ഥാപനമേധാവിയും കോഴ്സ് കോർഡിനേറ്ററും ഒപ്പിട്ട് സീൽ പതിച്ചിരിക്കണം.

അഡ്മിനിസ്ട്രേറ്റീവ് ഓഫീസർ
(ഡയറക്ടർ ഇൻചാർജ്)

UGC/CSIR-Net Coaching Programme മെച്ചപ്പെട്ട രീതിയിൽ നടത്തുന്നതിനായി 20.11.2023-

ൽ ന്യൂനപക്ഷ ക്ഷേമ വകുപ്പിലെ ഉദ്യോഗസ്ഥരും UGC/CSIR-Net കോച്ചിംഗ് കോ-ഓർഡിനേറ്ററുമായി ചേർന്ന ഓൺലൈൻ മീറ്റിംഗിന്റെ മിനിട്ട്സ്

UGC/CSIR-Net Coaching Programme മെച്ചപ്പെട്ട രീതിയിൽ നടത്തുന്നതിനായി അപേക്ഷകരായ 43 കോളേജിലെ കോ-ഓർഡിനേറ്ററുമായും സ്ഥാപനമേധാവികളുമായും വകുപ്പിലെ അഡ്മിനിസ്ട്രേറ്റീവ് ഓഫീസറുടെ നേതൃത്വത്തിൽ 20.11.2023 - ൽ തീയതി ഉച്ചയ്ക്ക് 12.00 മണിയ്ക്ക് ഓൺലൈൻ മുഖേന മീറ്റിംഗ് സംഘടിപ്പിച്ചു.

മീറ്റിംഗിൽ പങ്കെടുത്തവരുടെ പേരു വിവരം

- | | | |
|---------------------------|---|--|
| 1. ശ്രീ.രഘുവരൻ | - | അഡ്മിനിസ്ട്രേറ്റീവ് ഓഫീസർ, ന്യൂനപക്ഷ ക്ഷേമ ഡയറക്ടറേറ്റ് |
| 2. ശ്രീമതി. ആതിര.കെ | - | പ്രൊജക്ട് ഓഫീസർ, ന്യൂനപക്ഷ ക്ഷേമ ഡയറക്ടറേറ്റ് |
| 3. ശ്രീമതി. ജയസ്മിത | - | സൂപ്പർ വൈസർ, ന്യൂനപക്ഷ ക്ഷേമ ഡയറക്ടറേറ്റ് |
| 4. ശ്രീ. ബിനീഫ് | - | ക്ലർക്ക്,(ഹോസ്റ്റ്) |
| 5. ശ്രീമതി. നജിയ. എൽ | - | ഡാറ്റാ എൻട്രി ഓപ്പറേറ്റർ, ന്യൂനപക്ഷ ക്ഷേമ ഡയറക്ടറേറ്റ് |
| 6. Prof. Aby Thomas | - | Co-ordinator, Newman College Thodupuzha |
| 7. Dr. Alson Mart | - | Co-ordinator, Maha Raja College Ernakulam |
| 8. Anila Kumary.R | - | Co-ordinator, Sree Narayana College Varkala |
| 9. Dr.T.V. Anna Mercy | - | Co-ordinator, Sacred Heart College, Thevara |
| 10. Anu Gigi | - | Co-ordinator, St. Joseph's College, Devagiri |
| 11. Anulekshmi.N | - | Co-ordinator, Government College Kattapana |
| 12. Arif. M.K | - | Co-ordinator, NAM College Kallikkandy |
| 13. Basheer Ahammed.E.K | - | Co-ordinator, Government College Kodanchery |
| 14. Dr. Anju Lis Kurian | - | Co-ordinator, St.Thomas College Palai |
| 15. Dr. Biju Gopal | - | Co-ordinator, Government Arts and Science College, Ambalapuzha |
| 16. Dr. Mubeen.M | - | Co-ordinator, Govt. Arts and Science College, Kondotty |
| 17. Dr. Shibina.M | - | Co-ordinator, W.M.O Arts & Science College Muttill |
| 18. Dr.Vineeth.K.M | - | Co-ordinator, Govt. College, Thrippunithura |
| 19. Dr. Arshad Keethadath | - | Co-ordinator, Pocker Sahib Memorial Orphanage College |
| 20. Azeez K Padanilam | - | Principal, Pocker Sahib Memorial Orphanage College |
| 21. Dr. ISSAC PAUL | - | Co-ordinator, Govt. College of Teacher Education, Thycaud |
| 22. Dr. Shafeeq.C.P | - | Co-ordinator, Madeenathul Uloom Arabic College, Pulikkal |
| 23. Dr. Anila George | - | Co-ordinator, St. John's College, Anchal, Kollam |
| 24. Dr. Fathlma Jaseena | - | Co-ordinator, Farook Training College |
| 25. Dr Ibrahim Cholakkal | - | Co-ordinator, EMEA College of Arts and Science Kondotti |
| 26. Shanavas.S.M | - | Co-ordinator, Sir Syed College |
| 27. Ismayil pannakad | - | Co-ordinator, Govt. College Malappuram |
| 28. James.V.George | - | Co-ordinator, Sacred Heart College, Thevara |
| 29. Dr. Jiji Kumari. T | - | Co-ordinator, St. Pius X College, Rajapuram |
| 30. Dr. Linta Maria Jose | - | Co-ordinator, Kuriakose Elias College, Mannanam |
| 31. Dr. Midun Dominic C.D | - | Co-ordinator, Sacred Heart College, Thevara |
| 32. Mona.V.M | - | Co-ordinator, MES Asmabi College Vemballur |
| 33. Binimol Mary Mathew | - | Co-ordinator, Mar Ivanios College, Nalanchira |
| 34. Nizamole Abdul Kader | - | Co-ordinator, MES College Marampally |
| 35. Pavitha | - | Co-ordinator, SN College For Women |
| 36. Preetha.D.V | - | Co-ordinator, Government College Mokeri |
| 37. Rafeeqe alimundan | - | |
| 38. Rameena.K.Jamal | - | Co-ordinator, KKTM Govt. College, Kodungaloor |
| 39. Remya Krishnan | - | |

40. Rubeena.K.A	
41. Safvan.P.T	- Co-ordinator, Amal College of Advanced Studies, Nilambur
42. Dr. Sajesh.T.A	- Co-ordinator, ST.Thomas College Thrissur
43. Sebin George	- Co-ordinator, Mahatma Gandhi College Iritty
44. Shameera.M.K	- Co-ordinator, MES Kalladi College Mannarkad
45. Swapana.K	- Co-ordinator, N.S.S College Ottapalam
46. Swarupa	
47. Dr. Unnikrishnan Kizhakke valappil	- Co-ordinator, Govt. Brennen College
48. Zulfiya Sathar.T.M	- Co-ordinator, Darul Irshad Arabic College, Paral

യോഗ തീരുമാനങ്ങൾ

UGC/CSIR-NET കോച്ചിംഗ് പരിപാടി ഈ വർഷം മികച്ച രീതിയിൽ നടത്തുന്നതിനായി സമയപരിധിക്കുള്ളിൽ അപേക്ഷ സമർപ്പിച്ച 43 കോളേജുകളിലെ കോ-ഓർഡിനേറ്ററുമായും, സ്ഥാപനമേധാവി കളുമായി യോഗം കൂടുകയുണ്ടായി. അഡ്മിനിസ്ട്രേറ്റീവ് ആഫീസർ മീറ്റിംഗിൽ പങ്കെടുത്ത എല്ലാവരേയും സ്വാഗതം ചെയ്തു. UGC/CSIR-NET കോച്ചിംഗ് സംഘടിപ്പിക്കുന്നതിനുള്ള പൊതുവായ മാനദണ്ഡങ്ങൾ അഡ്മിനിസ്ട്രേറ്റീവ് ആഫീസർ, പ്രൊജക്ട് ആഫീസർ, സൂപ്പർ വൈസർ എന്നിവർ വിശദീകരിച്ചു. ഒരു ബാച്ചിൽ കുറഞ്ഞത് 50 വിദ്യാർത്ഥികളെ പങ്കെടുപ്പിക്കേണ്ടതാണെന്നും, ഇതിൽ കുറവ് വരുകയാണെങ്കിൽ 75% ന്യൂനപക്ഷ വിദ്യാർത്ഥികളെയും 25% മെറിറ്റ് അടിസ്ഥാനത്തിൽ മറ്റു വിഭാഗത്തിൽ നിന്നുമുള്ള വിദ്യാർത്ഥികളെയും പരിഗണിക്കാവുന്നതാണ്. ഇതിൽ 50% വിദ്യാർത്ഥികളെ സ്വന്തം കോളേജിൽ നിന്ന് തിരഞ്ഞെടുക്കാവുന്നതും, 50% വിദ്യാർത്ഥികളെ സമീപസ്ഥമായ കോളേജുകളിൽ നിന്നും തിരഞ്ഞെടുക്കാവുന്നതുമാണ്. ന്യൂനപക്ഷ വിദ്യാർത്ഥികളിൽ മുസ്ലീം വിഭാഗത്തിൽ നിന്ന് 60% - റൂം ക്രിസ്ത്യൻ വിഭാഗത്തിൽ നിന്ന് 40% എന്ന അനുപാതത്തിലാണ് വിദ്യാർത്ഥികളെ തിരഞ്ഞെടുക്കേണ്ടത് എന്നും ഇതിൽ ബി.പി.എൽ വിഭാഗത്തിന് മുൻഗണന നൽകണമെന്നും അവരുടെ അഭാവത്തിൽ എ.പി.എൽ വിഭാഗത്തിൽ 8 ലക്ഷത്തിൽ താഴെ വരുമാനമുള്ളവരേയും പരിഗണിക്കണമെന്നും ഓഫ് ലൈൻ മുഖേനയാണ് പദ്ധതി നടപ്പാക്കേണ്ടതെന്നും അഡ്മിനിസ്ട്രേറ്റീവ് ആഫീസർ അറിയിച്ചു. മേൽ നിബന്ധന പാലിച്ചു കൊണ്ടായിരിക്കണം പരിശീലന പരിപാടിയിൽ വിദ്യാർത്ഥികളെ പ്രവേശിപ്പിക്കേണ്ടതെന്നും നിർദ്ദേശിക്കുകയുണ്ടായി. ആകെ 72 മണിക്കൂർ cover ചെയ്യുന്ന വിധത്തിലാണ് കോഴ്സുകൾ വേർതിരിച്ച് നൽകേണ്ടതെന്ന് നിർദ്ദേശിച്ചു. ഒരു ബാച്ചിന് 12 ദിവസങ്ങളിലായി 72 മണിക്കൂർ പരിശീലനം നൽകുന്നതിന് ഫാക്കൽറ്റി പ്രതിഫലമായി 72000 രൂപയും ഭരണച്ചെലവ് , പഠന സാമഗ്രികളുടെ ചെലവ് ഇനത്തിൽ ഒരു ബാച്ചിന് 7500 രൂപയും ചേർത്ത് ആകെ 79500/- രൂപ ബില്ലും വൗച്ചറിന്റെ അടിസ്ഥാനത്തിൽ റീ ഇംപ്രൂവ്സ്മെന്റായി പദ്ധതി നടപ്പിലാക്കുന്ന കോളേജുകൾക്ക് അനുവദിക്കുന്നതാണെന്നും അറിയിച്ചു.

പരിശീലനത്തിന് തിരഞ്ഞെടുക്കപ്പെടുന്ന സ്ഥാപനങ്ങൾ ഒരാഴ്ചക്കുള്ളിൽ വിദ്യാർത്ഥികളിൽ നിന്ന് അപേക്ഷ ക്ഷണിച്ച് 2024 ജനുവരി 10 - നുള്ളിൽ കോച്ചിംഗ് പൂർത്തീകരിച്ച് ബില്ലും വൗച്ചറും സമർപ്പിക്കേണ്ടതാണെന്നും നിർദ്ദേശിക്കുകയുണ്ടായി. ഡിസംബർ മാസത്തിൽ കോളേജുകളിൽ പരീക്ഷ നടക്കുന്നതിനാൽ ജനുവരി പത്തിനകം കോച്ചിംഗ് പൂർത്തീകരിക്കുന്നതിന് ബുദ്ധിമുട്ടുണ്ടെന്നും തീയതി ദീർഘിപ്പിച്ച് നൽകണമെന്നും ആവശ്യപ്പെട്ടു. 2023 ഡിസംബർ 6 - ന് യു.ജി.സി/സി.എസ്.ഐ.ആർ നെറ്റ് പരീക്ഷ ആരംഭിക്കുന്നതിനാൽ എത്രയും വേഗം പരിശീലനം നടത്തുന്ന കോളേജുകളെ തിരഞ്ഞെടുക്കണമെന്നും ടി കോളേജുകൾ മുഖാന്തിരം കോച്ചിംഗ് ആരംഭിക്കുന്നതിനുള്ള

നടപടികൾ ഉണ്ടാക്കണമെന്നും ചില കോളേജുകൾ ആവശ്യപ്പെട്ടു. നടപടിക്രമങ്ങൾ പാലിച്ച് ഡിസംബർ 6 - നുള്ളിൽ പദ്ധതി പൂർത്തീകരിക്കുന്നത് പ്രയോഗികമല്ലായെന്നും ന്യൂനപക്ഷ ക്ഷേമ വകുപ്പ് മുഖേന നടത്തുന്ന UGC/CSIR - പരിശീലനം ആരംഭിക്കുന്നതിന് വകുപ്പ് അനുമതി നൽകിയതിനു ശേഷം മാത്രമേ പദ്ധതി നടപ്പിലാക്കുവാൻ ആവുകയുള്ളൂയെന്ന് അഡ്മിനിസ്ട്രേറ്റീവ് ആഫീസർ അറിയിക്കുകയുണ്ടായി. യു.ജി.സി/ സി.എസ്.ഐ.ആർ നെറ്റ് പരീക്ഷ ഒരു വർഷത്തിൽ ഡിസംബർ, ജൂൺ എന്നീ മാസങ്ങളിൽ രണ്ട് പ്രാവശ്യമായാണ് നടത്തുന്നത്. ആയതിനാൽ പരീക്ഷയ്ക്ക് ഒരു മാസത്തിന് മുമ്പ് ടി പരിശീലനം നൽകുകയാണെങ്കിൽ വിദ്യാർത്ഥികൾക്ക് കൂടുതൽ പ്രയോജനം ലഭിക്കുമെന്ന് കോളേജുകൾ അറിയിക്കുകയുണ്ടായി. ആയത് തുടർ വർഷങ്ങളിൽ പരിഗണിക്കാമെന്ന് അഡ്മിനിസ്ട്രേറ്റീവ് ആഫീസർ അറിയിക്കുകയുണ്ടായി. കോച്ചിംഗിനായി 25 സ്ഥാപനങ്ങളെ തിരഞ്ഞെടുക്കുന്നതിനുള്ള ഭരണാനുമതിയാണ് ലഭിച്ചിട്ടുള്ളതെന്നും നടപ്പു വർഷത്തെ ആകെ അപേക്ഷകരുടെ എണ്ണം അതിലും കൂടുതലായതിനാൽ മുൻ വർഷങ്ങളിൽ അപേക്ഷിച്ചിട്ടും അവസരം ലഭിക്കാത്ത സ്ഥാപനങ്ങൾക്ക് പരിഗണന നൽകുന്നതുമാണെന്ന് അറിയിച്ചു. സെലക്ഷൻ ലിസ്റ്റ് അന്തിമമാക്കി തിരഞ്ഞെടുക്കപ്പെട്ട കോളേജ് പാലിക്കേണ്ട നിബന്ധനകളും മാർഗ്ഗ നിർദ്ദേശങ്ങളും എത്രയും പെട്ടെന്ന് ഇ-മെയിൽ മുഖാന്തിരം നൽകുമെന്ന് വകുപ്പ് അറിയിച്ചു. പങ്കെടുത്ത എല്ലാവർക്കും സൂപ്പർ വൈസർ നന്ദി അറിയിക്കുകയുണ്ടായി. Google Meet ഒരു മണിയ്ക്ക് അവസാനിച്ചു.

UTILISATION CERTIFICATE

For the financial year 2023-24 (ending 31, March 2024)

(To be submitted to the Kerala Startup Mission /(T-TBI)

1	Name of the Scheme	Innovation and Entrepreneurship Development Centre (IEDC)
2	Name & Address of the institute <ul style="list-style-type: none"> • Name • Location • District • Pin Code 	Sir Syed College P.O, Karimbam, Taliparamba Kannur 670142
3	Authorised signatory (with Name & Designation)	1. Dr. Ismail Olayikkara, Principal 2. Ramseena Azeez, Assistant Professor
4	Date of UC Submission	17 th July 2024
5	Total amount of fund that was available for expenditure at the start of the financial year	
	i. Cash in Hand	125.00
	ii. Cash in Bank	146064.60
	Total amount	146189.60
6	Details of grant received in the financial year	Nil
7	Actual expenditure incurred (excluding commitments)	36700.00
8	Details of grants position at the end of the financial year (as on 31 March)	
	i. Cash in Hand	1125.00
	ii. Cash in Bank	113541.60
	iii. Unadjusted Advances	Nil.
	Total amount	114,666.60

For M. KUNNOOL & ASSOCIATES
CHARTERED ACCOUNTANTS

(Signature)

PROPRIETOR



9. Details of grant amount received from KSUM/ I-FBI, expenditure incurred and closing balances: (Actuals from the date of establishment of IEDC under various schemes like IEDC Grant, Innovation Grant, Support for workshops and events, summits etc.). (Sanction no may be left blank if unavailable)

Financial Year	Unspent Balances of Grants received	Interest Earned There on	Grant received during the years			Total available funds (1+2+3)	Expenditure Incurred	Closing Balances (5-6)			
			3						5	6	7
			Sanction no. & Date	Purpose	Amt						
2018-19	200,000	4715				204,715	90,988.90	113,826.10			
2019-20	113,826.10	3893				117719.10	50,346.10	67373.00			
2020-21	67,373.00	2172				69545.00	5,321.40	64,223.60			
2021-22	64,223.60	2002				6622560	37,787.80	28,437.80			
2022-23	28,437.80	2032	KSUM /1052/ Dt. 30/ 1 1/22	IEDC Grant	150,000	180469.80	34280.20	1,46,189.60			
2023-24	1,46,189.60	2977				149166.60	36700.00	1,12,466.60			

10 Details of Innovation Grant Received so far-

NIL

SL No.	Name of the Idea & Ideators	Sanction order number	Sanctioned amount	Tranche no and amount released	Amount release details				Status UC submission and idea
					Account number	Name holder	Amount	Date	

For M. KUNNOOL & ASSOCIATES
CHARTERED ACCOUNTANTS

M. Kunnool

PROPRIETOR



Certified that I have satisfied myself that the conditions on which grants were sanctioned have been duly fulfilled/are being fulfilled and that I have exercised following checks to see that the money has been actually utilized for the purpose which it was sanctioned:

The main accounts and other subsidiary accounts and registers (including assets registers) are maintained as prescribed in the relevant Act/Rules/Standing instructions (mention the act/Rules) and have been duly audited by designated auditors. The figures depicted above tally with the audited figures mentioned in financial statements/accounts.

There exist internal controls for safeguarding public funds/assets, watching outcomes and achievements of physical targets against the financial inputs, ensuring quality in asset creation etc, & the periodic evaluation of internal controls is exercised to ensure their effectiveness.

To the best of our knowledge and belief, no transactions have been entered that are in violation of relevant Act/Rules/standing instructions and scheme guidelines.

The responsibilities among the key functionaries for execution of the scheme have been assigned in clear terms and are not general in nature,

- V. The benefits were extended to the intended beneficiaries and only such areas/districts were covered where the scheme was intended to operate.
- vi The expenditure on various components of the scheme was in the proportions authorised as per the scheme guidelines and terms and conditions of the grants-in-aid.
- Vii- It has been ensured that the physical and financial performance under Innovation and Entrepreneurship Development Centre has been according to the requirements, as prescribed in the guidelines issued by Kerala Stanup Mission and the performance/targets achieved statement for the year to which the utilisation of the fund resulted in outcomes given at Annexure-I duly enclosed.
- Viii. The Receipts and Payments Account is duly enclosed as Annexure-I Expenditure statement is

UDIN No 24205356BKGZCR8524

Ramseera Azeez
Name & Signature
Nodal Officer

Name and signature of Chartered Accountant
With Date and seal

Dr. Ismail Olayikkara MA, Ph.D
Principal

Name & Signature
Sri Syed College
Taliparamba, 670 142
Head of the
organisation

M. Kunnool

For **M. KUNNOOL & ASSOCIATES**
CHARTERED ACCOUNTANTS

M. Kunnool

PROPRIETOR



Utilisation Certificate

Certified that an Amount of Rs.146189.60(Rupees One lakh Forty Six Thousand One Hundred Eighty Nine and Paise Sixty Only)sanctioned under Innovation and Entrepreneurship Development Centre initiative of Kerala Startup Mission, Government of Kerala was available at the beginning of the financial year and the interest earned thereon Rs. 2977 (Rupees Two Thousand Nine Hundred Seventy Seven Only). A total amount of Rs. 149166.60 (One Lakh Forty Nine Thousand One Hundred Sixty Six And Paise Sixty Only)was available for utilisation out of that an amount of Rs.36700 (Thirty Six Thousand Seven Hundred Only)has been utilised for the purpose for which it was sanctioned as per the Kerala Startup Mission guidelines and that the balance amount of Rs. 112466.60 (One Lakh Twelve Thousand Four Hundred Sixty Six And Paise Sixty Only) remaining unutilized which at the end of the year 2023-24 has been forwarded to the next financial year.

Certified that, I have satisfied myself that the conditions on which the grant was released by Kerala Startup Mission (T-TBI) have been fulfilled/ are being fulfilled and that I have exercised the following checks to see that the money for the expenditure of Rs. 36700 (Thirty Six Thousand Seven Hundred Only) mentioned against Col. 6 was actually incurred in the project/scheme for the purpose in which it was sanctioned.

For M. KUNNOOL & ASSOCIATES

Name of Auditor : Mohan Kunnool
Date : 17th July, 2024
FRN : 0075155
MRN : 205356
UDIN Number 24205356BKGZCR8524

For M. KUNNOOL & ASSOCIATES
CHARTERED ACCOUNTANTS

M. Kunnool

PROPRIETOR

Name of head of the institution
Designation Seal
College seal

M. Kunnool
Dr. Jamail Olayikkara MA., Ph.D
Principal
Sir Syed College
Taliparamba - 670 142



Annexure I

Receipts and Payments Account

For the financial year 2023-24 (ending 31st March 2024)

(To be submitted to the Kerala Startup Mission/ TTBJ)

	Amount	Payments	Amount
Receipts			8000.00
Opening Balance At Bank	146064.60	Workshop Expenses	1000.00
Cash in hand	125.00	Audit fees	11000.00
Bank Interest received	2977.00	Honorarium	15500.00
		Stall Rent	1200.00
		Travelling	1125.00
		Closing Balance - Cash in hand	
		Closing balance - Bank	111341.60
Total Amount	149166.60	Total Amount	149166.60

Place: Taliparamba

Name of Auditor: Mohan Kunnool

Date: 17th July, 2024

FRN 007515S

MRN 205356

For M. KUNNOOL & ASSOCIATES
CHARTERED ACCOUNTANTS

PROPRIETOR

UDIN Number 24205356BKGZCR8524

Ramseena Azeed Ramo

Name &
Signature
Nodal Officer



Seal of Auditor and Official Seal

Dr. Iqbal Olayikkara
Name & Signature
Head of the organisation

Dr. Iqbal Olayikkara MA, Ph.D
Principal
Sir Syed College
Taliparamba - 670 142

Expenditure Statement
(DETAILED FUND UTILISATION)

For the financial year 2023-24(ending 31st March 2024)
(To be submitted to the Kerala Startup Mission/TTBI)

Sl	Date	Particulars and purpose	Amount
1.	12.05.23	Audit fee	1,000.00
2.	12.10.23	Workshop : Graphic designing	8,000.00
3.	8.11.23	Honorarium for Workshop : Data Analytics	11,000.00
4.	14.02.24	Festivista Industrial exhibition cum sales	15,500.00
5.	21.03.24	Mizone visit	1,200.00
		Total Amount	36,700.00

Place : Taliparamba

Date : 17th July, 2024

UDIN No. 24205356BKGZCR8524

Name of Auditor: Mohan Kunnool

FRN 007515S

MRN 205356

For **M. KUNNOOL & ASSOCIATES**
CHARTERED ACCOUNTANTS

Mohan
PROPRIETOR

Seal of Auditor and Official Seal



Ramseena Azeer Ram
Name & Signature

Nodal Officer

A. Ram
Name & Signature
Head of the organisation

Dr. Ismail Olaythara MA., Ph.D
Principal
Sir Syed College
Taliparamba - 670 142



**PROCEEDINGS OF THE MEMBER SECRETARY,
KERALA STATE BIODIVERSITY BOARD
(Present: Dr. V.Balakrishnan)**

Sub: KSBB - Plan Schemes 2023-24- "Establishment of a Model Ethno Botanical Plant Garden" - Project of the Department of Post Graduate Studies & Research in Botany, Sir Syed College, Karimbam P.O, Taliparamba, Kannur, Kerala - Sanctioned - Order issued.

TECHNICAL DIVISION

No. A12/945/2023/KSBB

Thiruvananthapuram, Dated 22.02.2024

- Read: 1. Minutes of the Working Group dated 30.06.2023.
2. G.O (Rt) 45/2023/Envt dated 04.07.2023.
3. Minutes of the screening committee held at KSBB HQ on 02.12.2023.
4. Minutes of the project evaluation committee held on 20.12.2023.
5. Proposal submitted by Dr. Abdussalam A.K, Assistant Professor, Research Supervisor (Kannur and Bharathiar Universities), Department of Post Graduate Studies & Research in Botany, Sir Syed College, Karimbam P.O, Taliparamba, Kannur, Kerala on 20.12.2023.

ORDER

Administrative sanction was accorded as per Government Order read 1st above for an amount of Rs. 315.00 Lakhs for implementation of the Scheme "**Biodiversity Conservation**" under Kerala State Biodiversity Board (KSBB) Plan Schemes 2023-24. An amount of Rs.11.00 Lakh is earmarked for the component "**Establishment of a Model Ethno Botanical Plant Garden**" vide read 2nd cited.

Accordingly, Expression of Interest was invited for project proposals from various organizations. After initial screening on 02.12.2023, and subsequent project presentation on 20.12.2023, the project proposal titled "**Establishment of a Model-Ethnobotanical Garden**" furnished by **Dr. Abdussalam A.K, Assistant Professor, Research Supervisor (Kannur and Bharathiar Universities), Department of Post Graduate Studies & Research in Botany, Sir Syed College, Karimbam P.O, Taliparamba, Kannur District, Kerala** was accepted with a total budget of **Rs. 2.00 Lakhs (Rupees Two Lakhs Only)**.

In this circumstances, sanction is accorded to implement the project titled "**Establishment of a Model Ethno-botanical Garden**" of Department of Post Graduate Studies & Research in Botany, Sir Syed College, Karimbam P.O, Taliparamba, Kannur District with Dr. Abdussalam A.K, as Principal Investigator for a total budget cost of Rs.2,00,000/- (Rupees Two Lakhs only).

Budget

Sl. No.	Item	Amount	Justification
1	Nursery and Labour	1,15,000	Establishing an ethnic plant nursery involves expenses for acquiring 100 high-quality mud pots, potting mixture, shade net, and irrigation facilities. Additionally, a setup for hardening plants collected from diverse climatic conditions in northern Kerala is crucial, aiding in acclimatizing them to the botanical garden's climate. Consistent supports from casual labors are vital for the maintenance of ethnic botanical gardens. Ensure the sustainable growth of ethnic plants in Northern Kerala, the assistance of casual labor is essential. Their contributions play a vital role in maintaining the garden, fostering growth, and preserving the rich diversity of ethnic plants. Their dedicated efforts are indispensable for the continued well-being and flourishing of the botanical ecosystem
2	Travel	35,000	Fieldwork in northern Kerala gathers diverse ethnic plants, creating a detailed list covering Kannur, Wayanad, and Kasaragod districts. This extensive collection helps identify, document, and conserve rare species
3	QR Code System and Labelling	30,000	Authentic labeling of ethnic plants (Local name, Scientific Name & Family) with QR code features enhances visitor engagement, education, and management efficiency in an ethnic garden, offering easy access to detailed information.
4	Contingencies	20,000	Diverse events like exhibitions, awareness camps, printed materials, newsletters, and seminars are crucial for promoting education and awareness about Ethnic community, ethnobotany, plant biodiversity, and sustainability in the ethnobotanical garden
	TOTAL		Rs.2,00,000/- (Rupees Two Lakhs only)

Recommendations of the Screening Committee

1. The project budget shall be limited to 2 lakhs.
2. A minimum of 10 cents of land should be utilized for implementing this project.
3. A minimum 100 species of plants which is used by tribal community shall be planted in the area, of which, 50 percent shall be rare and wild and shall develop minimum 10-15 saplings of each species.
4. The progress of the project shall be reported to the Board every six months.
5. During the implementation period of the project, the officials of the Board will visit the project area to evaluate the project activities.

6. While preparing the name board for each plant, the local name and scientific name should be mentioned.
7. Agency will be eligible for Nursery and labour, Travel/transport, Contingency, QR coding & labelling heads only. No institutional overhead is permissible.
8. While utilizing traditional knowledge, due recognition shall be given to the traditional knowledge holders.
9. Traditional knowledge of plants collected as part of implementation of this project should be included in Peoples' Biodiversity Register (PBR).

Project Period


The Project has to be completed within a period of **one year** from the date of signing of the MoU.

The Final Report should specifically contain:-

1. Detailed final project implementation report as per the objectives.
2. Three hard copies of Project Report and 1 soft copy on CDs shall be submitted.
3. An audited Utilization Certificate and Statement of Expenditure (UC & SoE) shall be submitted, duly signed by the Agency to the effect that the funds have been utilized for the purpose for which it was sanctioned.
4. a. Photos of specific locations where present project are undertaken should be made part of the project report without fail.
b. Name and full particulars of Professionals, Technical Experts, Staffs, etc. who have actually participated in the present project implementation should be incorporated towards the last part of the report/annexure.

Sanction is hereby accorded to release an amount of **Rs.2.00 lakhs (Rupees Two Lakhs Only)** to the Department of Post Graduate Studies & Research in Botany, Sir Syed College, Karimbam P.O, Taliparamba, Kannur District, Kerala after executing the MoU.

An agreement in stamp paper for Rs.200/- shall be signed by the concerned official prior to release of funds. Date of release of funds shall be reckoned as the date of start of project.


Dr. V. Balakrishnan
Member Secretary

To,
The concerned
Accountant clerk
O/c, Stock file