



2.3.1: Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools – Additional Information

CRITERION : 2

**TEACHING - LEARNING AND
EVALUATION**



ADDITIONAL INFORMATION-STUDENT CENTRIC METHODS

SL.NO.	CONTENTS
1.	EXPERIENTIAL LEARNING SAMPLE
2.	PARTICIPATIVE LEARNING SAMPLE
3.	PROBLEM SOLVING SAMPLE

EXPERIENTIAL LEARNING- SAMPLES

**REPORT AND AMOUNT SANCTION LETTER
BY GOVT OF KERAL FOR THE
WALK WITH A SCHOLAR PROGRAMME 2019-20**

**PROCEEDINGS OF THE DIRECTOR OF COLLEGIATE EDUCATION,
THIRUVANANTHAPURAM.**

Collegiate Education Department – Plan Scheme 2019-20 – New Initiatives in Higher Education
- Walk With A Scholar Programme – Allotment of fund to 151 Aided Colleges through
concerned deputy directors-Administrative Sanction accorded - Orders Issued
Order No.P4/65679/2019/Coll.Edn (2) dated : 22.06.2019

Read: 1. G.O(Rt) No:982/2019/H.Edn dated 17/06/2019
2. This office proceedings even number dated 15/06/2019
3. The proposal submitted by the WWS State coordinator

ORDER

In the Annual plan of 2019-20 an amount of Rs.1700 lakh (Rupees Seventeen Lakh only) has provided under the head of account 2202-03-105-90 for different new initiatives programmes including WWS. The Walk With A Scholar programme is proposed to arrange specialized mentoring programmes for students in the undergraduate courses in the Arts, Science and Commerce stream to nurture promising and willing students and to provide guidance for their future. Also programme introduces the idea of mentoring and building on concept of mentor as guide and friend. The Government vide G.O cited 1st above have accorded administrative sanction for Walk With A Scholar programme for an amount of Rs 5,71,26,400/- (Rupees Five crore seventy one lakh twenty six thousand four hundred only) from above head of account for different components

As per the reference 3rd cited above the WWS state coordinator has submitted a proposal of Rs 2,07,77,600/- (Rupees Two crore seven lakh seventy seven thousand six hundred only) for the allotment of fund for 151 Aided Colleges under this department. The Director of Collegiate Education has examined the proposal submitted by WWS State coordinator in detail and has decided to sanction **Rs 2,07,77,600/- (Rupees Two crore seven lakh seventy seven thousand six hundred only)** (137600 per College) for 151 Aided Colleges through concerned deputy directors

In the above circumstances, administrative sanction is hereby accorded for the allotment of **Rs 2,07,77,600/- (Rupees Two crore seven lakh seventy seven thousand six hundred only)** to all deputy directors as shown below.

Sl.No	Deputy Director	Number of Colleges	Amount per aided college	Amount allotted for each Deputy director (in Rs)
1	Kollam	27	137600	3715200
2	Kottayam	33	137600	4540800
3	Ernakulam	31	137600	4265600
4	Thrissur	25	137600	3440000
5	Kozhikode	35	137600	4816000
	Total	151		20,77,76,000

All deputy directors should take immediate steps for the timely release of the funds to the respective aided colleges as per the annexures (I&II) enclosed herewith

Annexure -I

Walk With A Scholar programme (2019-20) Fund allotment (Aided Colleges) Three batches of 30 students each from I,II&III year degree students)

Sl. No	Name of the Institution	Amount (Rupees)
Deputy Director Kollam		
1	Mahatma Gandhi(MG) College, Kesavadasapuram, Pattom.P.O, Thiruvananthapuram, Pin: 695004	137600
2	Mar Ivanios College, Nalanchira, Thiruvananthapuram, Pin: 695015	137600
3	N S S College for Women Neeramankara, Thiruvananthapuram, Pin: 695040	137600
4	Ali Saints' College, Chackai, Thiruvananthapuram, Pin: 695007	137600
5	Iqbal College Peringammala, Thiruvananthapuram, Pin: 695563	137600
6	Sree Narayana (SN) College Chempazhanthi, Thiruvananthapuram, Pin: 695587	137600
7	V T M N S S College Dhanuvachapuram, Neyyattinkara, Thiruvananthapuram, Pin: 695503	137600
8	St. Xavier's College, Thumba, Thiruvananthapuram, Pin: 695586	137600
9	Sree Narayana (SN) College, Sivagiri, Varkala, Thiruvananthapuram, Pin: 695145	137600
10	Christian College Kattakada, Kattakada, P.O, Thiruvananthapuram, Pin: 695572	137600
11	Mannania College of Arts and Science, Pangode, Kallara, Thiruvananthapuram, Pin: 695609	137600

The Principals & the Programme Coordinators of Aided Colleges should ensure that programme guidelines, instructions, orders etc issued from the office of the Director of the Collegiate Education, the office of the new initiatives and the government be strictly followed while utilizing allotted amount. The programme should be completed by **20/01/2020**. The expenditure in this regard will be debited from the head of account 2202-03-105-90 of current financial year (2019-20)

Sd/-

**HARITHA.V.KUMAR IAS
DIRECTOR OF COLLEGIATE EDUCATION**

Copy to:

1. The WWS State Co-ordinator
2. All Deputy Directors
3. All aided Arts & Science College Principals
4. For the publication in the website
5. Stock File/Current File

//Approved for issue //


Superintendent

27	T K Madhava Memorial College Nangarikulangara, Alappuzha, Pin: 690513	137600
Deputy Director Kottayam		
1	Catholicate College, Makkanmanna, Pathanamthitta P.O, Pathanamthitta, Pin: 689645	137600
2	St. Thomas College, Kozhencheri, Pathanamthitta, Pin: 689641	137600
3	Marthoma College, Kattapuzha P.O, Thiruvalla, Pathanamthitta, Pin: 689103	137600
4	N.S.S. College Pandalam, Pathanamthitta, Pin: 689501	137600
5	SAS (Sabodaran Ayyappan Smarakam) S N D P Yogam College, Koni, Koni P.O, Pathanamthitta, Pin: 689691	137600
6	Bishop Abraham Memorial College Thuruthicad, Pathanamthitta, Pin: 689597	137600
7	Devaswom Board Pamba College, Paramala, Pathanamthitta, Pin: 689626	137600
8	St. Thomas College, Ranni, Pathanamthitta, Pin: 689673	137600
9	Christian College Chengannur, Alappuzha, Pin: 689122	137600
10	St. Aloysius College, Edathua, Alappuzha	137600
11	Sree Ayyappa Devaswom Board College, Eramalikkara, Eramalikkara P.O, Thiruvandoor, Chengannur, Alappuzha, Pin: 689109	137600
12	Sree Narayana College Chengannur, Alappuzha, Pin: 689508	137600
13	St. Berchmans College Changanassery, Kottayam, Pin: 686101	137600

St. Thomas College, Ranni
Walk With a Scholar Program

Activity Report (2019-2020)

Walk With a Scholar scheme has been designed to arrange specialized mentoring programs for students in under graduate programs. It hopes to provide students with opportunities for learning to achieve – academic excellence, personal growth and social orientation. Based on the overall feedback collected, a comprehensive mentoring program with specifically laid guidelines has been proposed this year.

Coordinator

Ms. Swetha C, Assistant Professor, Department of Chemistry has been selected as the coordinator of the program by the College Council.

Monitoring committee

A monitoring committee headed by the Principal was selected. Regular meetings with the monitoring committee and internal mentors are held to monitor and evaluate the functioning of the program.

Members:

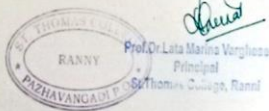
1. Dr. Lata Marina Varghese, Principal
2. Dr. Aleyamma Kuruvilla, Vice Principal
3. Capt. John M George, HOD, Dept. of Physical Education
4. Dr. Deepa Roselin Joseph, HOD, Dept. of History
5. Ms. Swetha C, Coordinator, WWS
6. Dr. Rigy Idicula, IQAC Coordinator
7. Mr. Monsy A. U., Superintendent
8. Mr. Sebin Babu Mathew, College Magazine Editor

Selection of Mentors and Mentees:

As per the guidelines, the selection of first year mentors and mentees were restricted to five departments and for second and third year, the program was decided to be continued as per the last year's norms. The five departments for the first year program were selected by the monitoring committee held on 2/9/2019. The departments selected are –

- 1) Chemistry
- 2) Physics
- 3) Commerce
- 4) Economics

Swetha C



5) History

Applications were invited from academically bright students and a total of six students were selected from each department for the first year. The last year's list was maintained for second and third year program.

Internal mentors were selected by the monitoring committee so that the scholars and internal mentors are from the same department for first year and for second and third year it was decided to follow the last year's list.

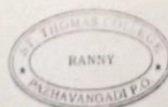
List of Internal Mentors 2019-20 (I, II & III year)

Sl No	Name	Batch of mentoring I/II/III Year
1	Anish M Abraham	I year History
2	Dr. Sajani S	I year Economics
3	Soumyamol K S	I year Physics
4	Haripriya V	I year Chemistry
5	Anu T Philip	I year Commerce
6	Rintu Mathew	II year Physics & Chemistry
7	Dr. Francis Mathew	II year Botany & Zoology
8	Elena Sajan	II year English & History
9	Benny George	II year Economics
10	Renju Joseph	II year Commerce
11	Sreevalsa K.	III year Physics & Chemistry
12	Dr. R. Aruna Devi	III year Botany & Zoology
13	Dr. Deepa Roselin Joseph	III year English & History
14	Rahulkumar T C	III year Economics
15	Binimol Mathew	III year Commerce

Internal Mentoring

Internal mentors are given a list of sessions including lectures, discussions and activities that has to be included in the mentoring. A regular monitoring, updating and progress of the mentees are recorded and evaluated by the internal mentors. All the sessions were completed and the reports were submitted by 30th December – 2019.

Swetha C



Swetha C
Prof. Dr. Lata Marina Varghese
Principal
St. Thomas College, Ranni

External Mentoring

Details of external mentoring sessions for first year

Sl No	Name of the Mentor	Topic/ Area Discussed	Duration
1	Mr. PremSankar C	How to read and review an academic book?	2 hours
2	Mr. PremSankar C	Developing scientific temper; essential aspects of research in contemporary society.	2 hours
3	Mr. Roshan Roy	Self-awareness – SWOT analysis. Making Personal Development Plan PDP	2 hours
4	Mr. Roshan Roy	Goal setting- Setting realistic goals, making action plans to achieve goals.	2 hours
5	Adv. Anzil Zachariya	Meet two experts. Know him/her personally and the area of expertise.	2 hours
6	Dr. Mathew Dan	Meet two experts. Know him/her personally and the area of expertise.	2 hours
7	Mr. K.G. Harikrishnan	Art and self-development.	3 hours
8	Mr. Rony K Baby	Understanding the constitution and democratic values	3 hours

Details of external mentoring sessions for second year

Sl No	Name of the Mentor	Topic/ Area Discussed	Duration
1	Dr. G. P. Sudheer	Learn how to review a journal article	2 hours
2	Dr. Rosamma Philip	Learn soft skills, presentation skills etc.	3 hours
3	Dr. Sheena Eapen	Session on Gender Sensitization	1.5 hours
4	Dr. Nelson P Abraham	Session on Environment Sensitization	1.5 hours

No external mentoring sessions were conducted for third years as specified in the guidelines.

Feedbacks

Feedbacks were collected from the external mentors and students after each session. A reflective diary of all the sessions from the students is collected by the internal mentors also.

Swetha C



Swetha C
Prof. Dr. Lata Marina Varghese
Principal
St. Thomas College, Ranni

There was a positive response from both the mentors and mentees and the programme was found to be effective and useful for the students.

Conclusion

The programme was successfully completed in the stipulated time. For first, second and third years 10, 7 and 6 hours internal mentoring sessions were conducted respectively. 10 hours and 8 hours external mentoring sessions were also conducted for the first and second years. The new comprehensive mentoring programme with specifically laid guidelines for both external and internal mentoring is found to be highly effective and was appreciated by both the scholars and mentors.

Swetha C
Coordinator



Swetha C
Prof. Dr. Lata Marina Varghese
Principal
St. Thomas College, Ranni

**REPORT OF CERTIFICATE COURSE
CONDUCTED IN THE COLLEGE DURING 2021-22**



Summary Report and Course outcome of Certificate and Diploma Courses conducted during the academic year 2021-2022.

List of Courses

1. Agri Based Micro Enterprises
2. Food Preservation Technology
3. IT in History Learning
4. Introduction to Astronomy & Astrophysics
5. Solid Waste Management
6. Rural Development
7. Polymer Processing
8. Communication Skills in English
9. IT for Office
10. MS powerpoint and Pagemaker
11. Airline & Airport Operation

Agri Based Micro Enterprises	
Department	Botany
Coordinator	Dr. Devipriya M
Number of students enrolled	26
Type	Certificate Course
Summary Report: The certificate course offered by Botany aims to provide hands-on training and experience in mushroom cultivation including bed preparation for mushroom cultivation and spawn production along with the ability to identify edible and poisonous mushrooms. The course was offered to B. Sc. Botany first year students. Awareness about pests and disease control enable students to extend their experience to fruitful income generation and to provide means of self-employment. Dr. Bum N Das, CEO, MRDO handled the practical sessions and theory classes were conducted by Mrs. Athira Devi K S and Dr. Devipriya M. Students who have successfully completed 30 hour duration courses were awarded certificates.	
Course Outcome: Spawns were distributed among students to set their own mushroom cultivation unit. The course enabled students to appreciate alternate income generation and helped them to develop entrepreneurship skills.	
Food Preservation Technology	



Department	Botany
Coordinator	Dr. Francis Mathew
Number of students enrolled	25
Type	Certificate Course
Summary Report The thirty hour duration course offered to B. Sc. Third year students in the department of Botany aim to provide a basic knowledge of food preservation methods and also to understand basic ingredients and methodology of bakery, confectionary and dairy products. Various certificates and accreditation is also handled in this course. The classes were handled by Mr. Jerin V George (External Faculty). Students who have successfully completed the course were awarded certificates.	
Course Outcome: Students got an awareness in the post harvest technology of horticultural crops and value addition with an understanding of the workspace, tool and equipment design.	
Application of IT in History Learning	
Department	History
Coordinator	Dr. Deepa Roseleini Joseph
Number of students enrolled	67
Type	Certificate Course
Summary Report: The Department of History introduced the course, Application of IT in History Learning with the intention of introducing students of History to various applications of information technology in education and familiarising them with e-learning resources. Second and third year B. A. History students have enrolled for the course. The thirty instructional hours included both theory and practical sessions. Mrs. Archana T R, former computer instructor, handled the classes. Certificates were issued to students who have successfully completed the course.	
Course Outcome: Students started using various computer applications and e-resources more effectively to enhance their learning and presentation skills.	
Introduction to Astronomy & Astrophysics	
Department	Physics
Coordinator	Dr. Marykutty James



Number of students enrolled	34
Type	Certificate Course
Summary Report: The course is intended to introduce Physics students to celestial mechanics, tools of astronomy, stellar evolution and high energy astronomy. The basic idea of timing analysis using the HEASOFT tool is also included in the course. Students who have successfully completed the course were awarded certificates.	
Course Outcome: Students got an idea about different aspects of astrophysical processes and high energy radiation from compact objects. Students also learnt the basic idea of timing analysis including lcurve and powsec.	
Solid Waste Management	
Department	Zoology
Coordinator	Dr. R. Aruna Devy
Number of students enrolled	50
Type	Certificate Course
Summary Report: The course was designed to sensitize students on the relevance of solid waste management and to equip students with methods to convert solid waste to value added products. The thirty hour course included 18 theory hours and 12 practical sessions. The course was opted by second and third year B. Sc. Zoology students. Certificates were distributed among students who have successfully completed the course.	
Course Outcome: Students became aware of the personal and environmental effect of solid waste and the necessity of proper management. Students got training in solid waste management strategies including composting methods.	
Rural Development	
Department	Economics
Coordinator	Dr. Sajini S
Number of students enrolled	47
Type	Certificate Course
Summary Report:	



Number of students enrolled	34
Type	Certificate Course
Summary Report: The course is intended to introduce Physics students to celestial mechanics, tools of astronomy, stellar evolution and high energy astronomy. The basic idea of timing analysis using the HEASOFT tool is also included in the course. Students who have successfully completed the course were awarded certificates.	
Course Outcome: Students got an idea about different aspects of astrophysical processes and high energy radiation from compact objects. Students also learnt the basic idea of timing analysis including lcurve and powsec.	
Solid Waste Management	
Department	Zoology
Coordinator	Dr. R. Aruna Devy
Number of students enrolled	50
Type	Certificate Course
Summary Report: The course was designed to sensitize students on the relevance of solid waste management and to equip students with methods to convert solid waste to value added products. The thirty hour course included 18 theory hours and 12 practical sessions. The course was opted by second and third year B. Sc. Zoology students. Certificates were distributed among students who have successfully completed the course.	
Course Outcome: Students became aware of the personal and environmental effect of solid waste and the necessity of proper management. Students got training in solid waste management strategies including composting methods.	
Rural Development	
Department	Economics
Coordinator	Dr. Sajini S
Number of students enrolled	47
Type	Certificate Course
Summary Report:	



ST. THOMAS COLLEGE, RANNI

sensitize them to the influence of mother tongue in spoken English.

Course Outcome:

Students were able to improve their communication and presentation skills.

IT for Office

Department	Commerce
Coordinator	Dr. Anu T Philip
Number of students enrolled	100
Type	Certificate Course

Summary Report:

The certificate course aims to impart basic knowledge of information technology for office among students and to improve the employability skills of students. The course includes various aspects of information technology to manage office activities efficiently. Certificates were issued to students who have successfully completed the programme.

Course Outcome:

Students are able to use MS Word and MS Excel more efficiently.

MS Powerpoint and Pagemaker

Department	Commerce
Coordinator	Ms. Anjali Jacob
Number of students enrolled	43
Type	Certificate Course

Summary Report:

The course aims to impart basic knowledge of presentation skills among students and to improve their employability skills. Students from third year B. Com. joined the course. The thirty hour duration course includes 15 hours theory and 15 hour practical sessions. Students who have successfully completed the course were awarded certificates.

Course Outcome:

Students' employability skills are improved by enhancing their presentation skills.

Airline and Airport Operation

Department	Tourism
Coordinator	Ms. Ansu M Sebastian

ASSESSMENT PERIOD 2017-2022

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ST. THOMAS COLLEGE, RANNI

Number of students enrolled	8
Type	Diploma Course
Summary Report: The course aims to provide general awareness in the aviation industry like basic aspects of airport, terminal area, landside and airside operations. This six month diploma course offered for tourism students opens up a new avenue of employability for qualified students.	
Course Outcome: Students received basic training and understanding in the aviation sector.	



[Signature]
 Principal
 St. Thomas College
 Puthavangadi

ASSESSMENT PERIOD 2017-2022

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PARTICIPATIVE LEARNING -SAMPLES

**ADDITIONAL SKILL ACQUISITION PROGRAMME (ASAP)
CERTIFICATE OF ASSOCIATION AND
REPORT OF ACTIVITY- SAMPLE**

ST. THOMAS COLLEGE, RANNI

Additional Skill Acquisition Program (ASAP)

Report of Activities

Academic Year- 2017-18

A one month (150 hours) vacation course titled "Accounts Executive" was arranged for final year students which included classes on Computerized Accounting. The course was enrolled by 25 students of the college, out of which 20 students had full fees concession. The course covered an internship of 20 days at various financial institutions. All the students successfully completed the course and were given certificates by NSE and Government of Kerala.

NUMBER	NAME OF THE STUDENT	DEPARTMENT
1	SANJAY S MOHAN	COMMERCE
2	NITHIN THOMAS	COMMERCE
3	LIBIN CHACKO	COMMERCE
4	AJESH VIJAYAKUMAR	COMMERCE
5	SHALU JOSEPH	COMMERCE
6	ASWIN P B	COMMERCE
7	GIBIN SAJI	COMMERCE
8	CHRISTY P CHERIAN	COMMERCE
9	CHIPPY SAJI	COMMERCE
10	APARNA T S	COMMERCE
11	ATHIRA V RAMESH	COMMERCE
12	ANJU AJI	COMMERCE
13	SHALU MOL K S	COMMERCE
14	ANJUMOL P REGHU	COMMERCE
15	RENY MARY JOSEPH	COMMERCE
16	GOPIKA GOPI	COMMERCE
17	NISSA THOMAS	COMMERCE
18	AKSA REJI	COMMERCE
19	LIDAMOL GEORGE	COMMERCE
20	ANILAMOL V A	COMMERCE
21	KESIYA SABU	COMMERCE
22	RESMI M SASI	COMMERCE
23	RESHMA RAJENDRAN	COMMERCE
24	RESHMA T RAJAN	COMMERCE
25	ALAN TOM	COMMERCE

Asst Prof Jikku James
Coordinator



Prof. Dr. Late Maria Varghese
Principal
St. Thomas College, Ranni

ST. THOMAS COLLEGE, RANNI

Additional Skill Acquisition Program (ASAP)

Report of Activities

Academic Year 2018-2020

The college also conducts a regular course on **Computer Hardware and Peripherals** for students of Second year. The course covers classes on

- communicative English,
- IT and
- Skill training on hardware assembling.

A total of 26 students had enrolled for the course. They are provided with one hour class daily with refreshments.

Inter Departmental **Quiz competition** was organized by ASAP unit of our college in connection with The World Environment day.

ASAPians also published a magazine The titled '**Xpressions**' which contains the artistic as well as literary works of students enrolled in ASAP.

NUMBER	NAME OF THE STUDENT	DEPARTMENT
1	AJITH BABU	B.COM
2	AKHIL BABU K	BA.ECONOMICS
3	ALPHONSA THOMAS	BSC.CHEMISTRY
4	AMALJITH PRASAD	BSC.ZOOLOGY
5	AMINA RASHEED	BSC.ZOOLOGY
6	ANJALI ANIL KUMAR	BSC.ZOOLOGY
7	ANURUTH SHANOI	BSC.PHYSICS
8	ARAVINDH S	BSC.PHYSICS
9	ARYA RAJ	BSC.CHEMISTRY
10	ASWIN KRISHNAN	BSC.CHEMISTRY
11	DHANYA C R	BA.HISTORY
12	GOKUL RAJAN	BA.ECONOMICS
13	JISHNU JAYAN	BSC.PHYSICS
14	LIJOMOM SAMUEL	B.COM
15	MAHESH MANOJ	BA.ECONOMICS
16	MANEESHA KALASAN	BA.ECONOMICS
17	MATHEW ANTONEY	BA.ECONOMICS
18	MOHAMMED AZAR IRSHAD	B.COM
19	NISSAMUDEEN	BA.ECONOMICS
20	NIAS NOUSHAD	BA.ECONOMICS

Asst Prof Jikku James
Coordinator



Prof. Dr. Late Maria Varghese
Principal
St. Thomas College, Ranni

**SANCTION ORDER AND
ACTIVITY REPORT OF BMSC (SAMPLE)**



കേരള സർക്കാർ

പരിസ്ഥിതി കാലാവസ്ഥ വ്യതിയാന ഡയറക്ടറേറ്റ്
കെ.എസ്.ആർ.റ്റി.സി ബസ് ടെർമിനൽ (നാലാം നില) തിരുവനന്തപുരം 695 001
ഫോൺ: 0471 2326264 (ഓഫീസ്) ; 2322564 (ഹോം) ;
ഇ-മെയിൽ: envi_dir@kerala.gov.in സെൽ: 99468 68313 envi_kerala@gov.in

പരിസ്ഥിതി കാലാവസ്ഥ വ്യതിയാന വകുപ്പ് ഡയറക്ടറുടെ നടപടിക്രമം
(ഹാജർ : റോഡീന എൻ മായർ ഐ എ എസ്)
ഡി.ഇ.സി.സി /ഇ1 / 964(1)/2018 തീയതി: 27.03.2019

പരിസ്ഥിതി കാലാവസ്ഥ വ്യതിയാന വകുപ്പ് - 2018-19 വർഷം പുതിയതായി തിരഞ്ഞെടുത്ത ഭൂമിതരസന ക്ലബ്ബുകൾക്ക് ധനസഹായം അനുവദിച്ച ഉത്തരവ് പുറപ്പെടുവിക്കുന്നു.

1. സ.ഉ.(സാധാ) നമ്പർ. 54/2018/പരി തീയതി 03.05.2018.
2. വിവിധ സ്കൂളുകൾ/കോളേജുകളിൽ നിന്നുള്ള അപേക്ഷകൾ
3. 07.03.2019 ലെ ഈ കാലാവസ്ഥയിലെ ഉത്തര നമ്പർ ഓഫീസ് നടപടിക്രമം

ഉത്തരവ്
സംസ്ഥാനത്തെ ഹയർസെക്കണ്ടറി സ്കൂൾ/കോളേജ് തലത്തിലെ പ്രൊഫഷണൽ പരിസ്ഥിതി അപബോധം വളർത്തുന്നതിനും, പരിസ്ഥിതി സംരക്ഷണ പ്രവർത്തനങ്ങൾ നടപ്പാക്കുന്നതിനുമായി സംസ്ഥാനത്തെ വിവിധ കോളേജുകളിലും ഹയർ സെക്കണ്ടറി സ്കൂളുകളിലും ഭൂമിതരസന ക്ലബ്ബുകൾ രൂപീകരിച്ച് പ്രവർത്തനം നടത്തി വരുന്നുണ്ട്. പരമാർശം (1) സർക്കാർ ഉത്തരവ് പ്രകാരം ഭൂമിതരസനക്ലബ്ബുകളുടെ പ്രവർത്തനത്തിനായി 40 ലക്ഷം രൂപ അനുവദിച്ചു. പരമാർശം (2) പ്രകാരം സംസ്ഥാനത്തെ വിവിധ കോളേജുകളിലും ഹയർ സെക്കണ്ടറി സ്കൂളുകളിലും നിന്നുമായി 2018-19 വർഷത്തിൽ പുതിയ ഭൂമിതരസന ക്ലബ്ബുകൾ തുടങ്ങുന്നതിനായി ലഭിച്ച അപേക്ഷകൾ State Level Environmental Awareness Evaluation Committee (SLEAC) വിലയിരുത്തി 24 ക്ലബ്ബുകളെ തിരഞ്ഞെടുത്തിട്ടുണ്ട്. സ്വപന (3) പ്രകാരം 2018-19 വർഷത്തിൽ സംസ്ഥാനത്തെ സ്കൂൾ/കോളേജ് തലത്തിൽ അനുബന്ധമായി ചേർത്തിരിക്കുന്ന പട്ടിപ്പതിപ്പിൽ ഉൾപ്പെടുന്ന പുതിയ ഭൂമിതരസന ക്ലബ്ബുകളെ നിബന്ധനകളോടെ അംഗീകരിച്ച് ഉത്തരവ് പുറപ്പെടുവിച്ചിട്ടുണ്ട്.

ഇതിൽ പ്രകാരം സ്വപന (3) ൽ പ്രസ്താവിച്ചിരുന്ന നിബന്ധനകൾ അംഗീകരിച്ച് സംസ്ഥാനങ്ങൾ ബാങ്ക് അക്കൗണ്ട് വിവരങ്ങൾ സമർപ്പിച്ചിട്ടുണ്ട്. മേൽ വിഷയം വിശദമായി പരിശോധിച്ചതിന്റെ അടിസ്ഥാനത്തിൽ സീക്രട്ടറിയുടെ അനുമതിയോടെ

ANNEXURE II

LIST OF NEW BHOOMITHRASANA CLUBS SELECTED FOR THE YEAR 2018-19

Institutional Address	Details of Faculty -in- Charge
St.Mary's College, Manarkadu, Malam PO, Kottayam	Faculty in Charge- Sri. Tony Francis. Mob.No.9605280775 e-mail: tonyfrancis1990@gmail.com
Bharath Matha College, Sea Port Air port Road	Faculty in Charge- Sri. Tony M Tom Mob.No.9746376644 E-mail: tonymtom8@gmail.com , bharathmata@yahoo.co.in
Govt.V.H.S.S.(Boys) Ncdumangad 695 544	Faculty in Charge-Sri.Sabukumar.S Mob.No.9447492438 skumar_sabu@gmail.com
St.Thomas College, Ranni Pazhavangadi P.O.	Faculty in Charge-Dr.R.ArundaDevi 9447945878 arunadevi@yahoo.com
Govt.VHSS-THS-PAMPADY Velloor P.O.,Pampady,Kottayam	Faculty in Charge-Sri.Aneesh.K 947536653 aneeshkaruvath@gmail.com
HSS for Boys, Punalur Valacode P.O., Punalur 691 331	Faculty in Charge- Anitha K Gopinath 9633776788 aninchathadam@gmail.com
Meenakshyvilasam Govt.VHSS, Perur,Kollam	Faculty in Charge-Jisha D.S. 9947458593 jishashibi2005@gmail.com
Govt.Vocational Higher Secondary School,Achancovil,Kollam989696	Faculty in Charge-Smt.Deepta.V 8547482192 deepasajiv2011@gmail.com
St.Jude HSS,Vellarikundu, Parappa, Kasargod-671533	Faculty in Charge-Sri.Sijo.J 9447855125 sijojoaseackal@gmail.com
CMS College,Kottayam-686001	Faculty in Charge-Dr.Rojimon.P.Thomas, 9895197689 roji.cms@gmail.com principal@cmscollege.ac.in
Netaji HSS Pramadam, Mallassery P.O. Pathanamthitta	Faculty in Charge-Smt.Geethu T.R 9446786826 harithageethu@gmail.com netajihsspramadam@gmail.com
St. Xavier's Higher Secondary School, Peyad, Thiruvananthapuram	Faculty in Charge- Conklin Jimmy John 9847620211 conklinj@gmail.com School e-mail: hsspeyad1087@gmail.com
Fatima Matha National College Kollam	Faculty in Charge- Dr.Sarlin P.J 9747887665 sarlinpoly@yahoo.com School mail: mailbox@fatimacollege

ANNUAL REPORT - Bhoomithrasena Club - 2021-2022 (366/PTA/17/18)

To create awareness and to educate students about various environmental issues and to sensitize and to motivate them to take part in environmental conservation activities Bhoomithrasena club of St. Thomas College, Ranni conducted various programmes and competitions. Programmes for the academic year 2021-22 was started by World Environment Day celebrations, BMSC conducted an online Intercollege Quiz Contest based on environment day. Arathi (St. Thomas College, Ranni) and Joseph Mallethu (Assumption College) won first and second prize respectively.

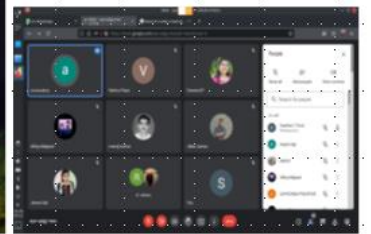


In association with Department of Zoology, a Mobile Photography Contest was also conducted based on the theme, Nature, Aiswarya Manoharan and Alfiya Majeed bagged first and second prize in Photography Contest



ANNUAL REPORT - Bhoomithrasena Club - 2021-2022 (366/PTA/17/18)

In association with Nature Club, a webinar on 'Veru Namukkoru Vanam Srishtikkalam' was conducted on 9th February, 2022; Sri Manoj Kumar I.B, an electrical engineer turned nature and environmental conservationist talked on concepts of natural living and nature care. He shared his experience of turning open area of land around his house to a jungle, by not tending to brambles and weeds, 'of doing a lot of things by doing nothing'.

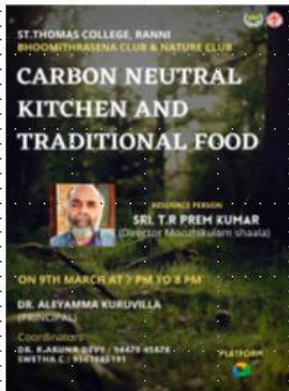


'Zero Waste Competition' - Art and craft works based on plastic, electronic and other waste materials was conducted on 20th February, 2022. Sri. Siji Thomas of II DC Botany bagged the first prize with wonderful creations.



Bhoomithrasena Club - 2021-2022

Sri. T.R Premkumar, Director Muzhikulam Shala gave a talk on Carbon Neutral Kitchen and traditional food on 9th March, 2022 on online mode. Health and environment benefits of eating raw, uncooked food (Carbon Neutral food) was shared with students. The significance of going back to our traditional method of living was highlighted in the session. The recipes which he have tried in Muzhikulam Shala found successful was also shared. Based on this, BMSC and Nature Club members conducted a Food Fest : "Neutre-en-Carbene" on 14th March, 2022 in the College auditorium. Dr. Aleyamma-Kuruvilla, Principal, St. Thomas College, Ranni inaugurated the food fest.



Pachathuruthu cleaning, replanting and fencing by Bhoomithrasena volunteers



Plants for replanting and environment day celebration

Environment Day celebration - 4th and 6th June, 2022 by planting trees in the Pachathuruthu, Mime by Volunteers to convey the importance of Water in our daily life and how to save it for the future generation, stick notice for writing slogans based on the motto "Save our environment" and poster presentation.

Tiger Day celebration on 29th July, 2022 by conducting poster presentation and quiz programmes in association with Zoology department to arouse an awareness about the importance of Tigers on our Earth and it's extinction by various factors including anthropology



Quiz conducted by Volunteers

A Biodiversity Survey was conducted on 25th August, 2022 by our Bhoomithrasena club members in the college campus by using Quadrat method. During the survey they identified many fauna and flora from the campus and they were identified with the help of books, guides and experts from TIES, Kottayam.

A Biodiversity Survey was conducted on 25th August, 2022 by our Bhoomithrasena club members in the college campus by using Quadrat method. During the survey they identified many fauna and flora from the campus and they were identified with the help of books, guides and experts from TIES, Kottayam.



Organisms identified during the survey

Bamboo Day celebration by planting Bamboo in the College campus on 20th September, 2022 by the Bhoomitra sena club volunteers.



Water collected from the different water sources like Well, Pipe, Rain water harvest, etc by the volunteers to analyse the different parameters like Physical, chemical and biological content of the water. From the analysis, it was confirmed that the water sources present in the campus is fit for drinking with all parameters within the limit.



Water Collecting from different sources from College campus for analysis on 5th November, 2022

A talk with an environmentalist - Mr. Manoj Kumar I.B on 28th November, 2022. The gathering of the programme was welcomed by the co-ordinator Dr.R.Aruna Devi, presided by the Principal Dr.Aleyamma Kuruvilla. Sri.Manoj Kumar create a real awareness on the importance of all the creatures starting from microscopic to macroscopic through his own experience. The class taken away from the classroom to the real field was really enjoyed by the volunteers. More than 100 students participated in the programme. The resource person was really a living model to protect our environment.



Field study in the campus by Manoj sir with the volunteers.



In the campus, 4 Vermicomposting Units is maintaining by the students of departments like Zoology, Botany and Bhoomitra sena club volunteers.



PROBLEM-SOLVING SAMPLES

**ORDERS OF KERALA STARTUP MISSION (IEDC)
AND REPORT OF ACTIVITY- SAMPLE**

KERALA STARTUP MISSION

Abstract

Kerala Startup Mission – Innovation and Entrepreneurship Development Center (IEDC) - Grants - Sanctioned - Orders Issued

KERALA STARTUP MISSION

KSUM/360/2022

Date: 19.04.2022

ORDER

Sanction is accorded for release of Rs. 30.8 lakhs to the 18 IEDCs towards grant. The expenditure met from Evangelisation – Grant for existing IEDC & Grant for new IEDC

Sl. No.	Please Select your IEDC	Recommended Amount as IEDC Grant
1	ST. George's College Aruvithura	200000
2	Sree Sankara Vidyapeetham College, Perumbavoor	200000
3	Rajagiri School of Engineering & Technology	200000
4	College of applied science IHRD chelakkara	200000
5	Asian School of Business	200000
6	IHRD College of applied Science Vaidikanchery Palakkad	200000
7	National Institute of Technology Calicut	200000
8	Adi Shankara Institute Of Engineering and Technology	200000
9	ST. Teresa's College	150000
10	ST. Thomas College Ranni	150000
11	Sreepathy Institute of Management And Technology	150000
12	Government Polytechnic College Perinthalmanna	150000
13	AI-Ameen Engineering College Shoranur	150000
14	SCMS School Of Engineering And Technology	150000
15	Mohandas College of Engineering & Technology	150000
16	Christ College of Engineering	150000
17	Government Polytechnic College Palakkad	150000
18	Govt. Women's Polytechnic College Thrissur	150000
Total		2080000

John M Thomas
Chief Executive Officer

To: The Institutions concerned
File No KSUM/146/2022-AM(Finding)

Forwarded/ By Order

R. Sreekumaran Nair
Secretary & Registrar

KERALA STARTUP MISSION

Abstract

Kerala Startup Mission – Innovation & Entrepreneurship Development Centres (IEDC) at various Colleges – Grant to New IEDCs – Sanctioned - Orders Issued.

KERALA STARTUP MISSION

Order No. K-SUM/31/2018

Date: 20.03.2018

ORDER

Innovation & Entrepreneurship Development Centres (IEDC) were set up at various colleges in the State and at present there are 196 IEDCs under the Kerala Startup Mission. The applications received from various colleges for setting up of new IEDCs are examined and sanction is accorded to establish new IEDCs at 14 Colleges as detailed in the Annexure to this order. An amount of Rs. 2 Lakh is also sanctioned to each of the 14 colleges. Guidelines for utilization of the funds sanctioned are also attached to this order.

In the circumstances, sanction is accorded to release Rs. 2 Lakh to each of the 14 IEDCs as detailed in the annexure (Total Rs. 28 Lakh) as grant by debiting the expenditure from the Youth Entrepreneurship Development Programme – Startup Bootcamp.

The amount will be released through Cheques from the Special Treasury Savings Bank Account No. STSB 81 at the District Treasury, Thiruvananthapuram.

Sreekumaran Nair B.
Secretary & Registrar
Kerala Startup Mission

To: The IEDCs Concerned as per the annexure
The Treasury Officer, District Treasury Thiruvananthapuram
The Management Group
The Accounts Department
Sri. Vishal B., Technical Officer, Kerala Startup Mission

Annexure

Sl. No.	College Name	Name of IEDC (Name of Account)
1	College of Engineering Chertala	Name: IEDC, College of Engineering Chertala
2	College of Engineering Kidangoor	Name: The Principal CE Kidangoor IEDC
3	H.H.M.S.P.B.N.S.S. College for Women	Name: Joint Account Between Principal and Nodal officer
4	IHRD College of Applied Science, Thiruvambadi, kozhikode	Name: Mahesh P., Principal, College of Applied Science, Thiruvambadi
5	Prajyoti Niketan College	Name: Principal, Prajyoti Niketan College and Nodal Officer, IEDC, Prajyoti Niketan College, Pudukkad, Thrissur
6	SCMS College of Polytechnics	Name: Baby P P (Principal) and Harishankar G Nair
7	Sir Syed College	Name: P.T.Abdul Azeez & Ramzeena Azeez
8	Sree Granakulathappan College of Engineering and Management	Name: IEDC SETCEM
9	Tom Institute of Technology, Karuvell, Ethukone, Kollam	Name: Innovation And Entrepreneurship Development Centre, TKMIT
10	Govt Engineering College, Sreekrishnapuram, Palakkad - 678633	Name: IEDC GEC Sreekrishnapuram
11	Sree Budha College of Engineering, Elavunthitta	Name: ED Club
12	Mes College Marappally, Aluva	Name: IEDC MES College Marappally
13	St Thomas College, Ranni	Name: Entrepreneurship Development Club,
14	College of Engineering, Adoor (IHRD)	Name: IEDC, College of Engineering, Adoor

DESIGN THINKING WORKSHOP BY IEDC

A "Design Thinking Workshop" was organised by the IEDC for the first year students. The program was conducted on 12th January 2022. The program started at 10 am and was lead by Sonu J S (Founder and CEO of starting Trouble). The program was a footstep for the newcomers to know more about IEDC & IEDC and also to do various entrepreneurial tasks in future.





IDEAGORA
St. Thomas College, Ranni
PRESENTS

DESIGN THINKING WORKSHOP
(FOR FIRST YEAR STUDENTS)



Sonu J S
(Founder & CEO of startup- Starting Trouble)

12th Jan 2022 11 AM

Organising Committee
Dr. Aleyamma Kuruvilla (Principal)
Asst. Prof Jikku James (Faculty Coordinator)
Student Coordinators
Arjun Prasad - 8547707978
Bilton Varghese- 8606752031
Melbin Jacob, Amal Aji, Anjana Prem,
Lekshmi Prakash, Nandita vineesh, Midun KR

