

***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** One day Voluntary Blood Donation Programme in collaboration with Dr. H. Gordon Roberts Hospital, Jaiaw, Shillong

**Organized by:** NSS

**Date:** 09-11-2017

***Supporting document is in the next page***

# VOLUNTARY BLOOD DONATION PROGRAMME

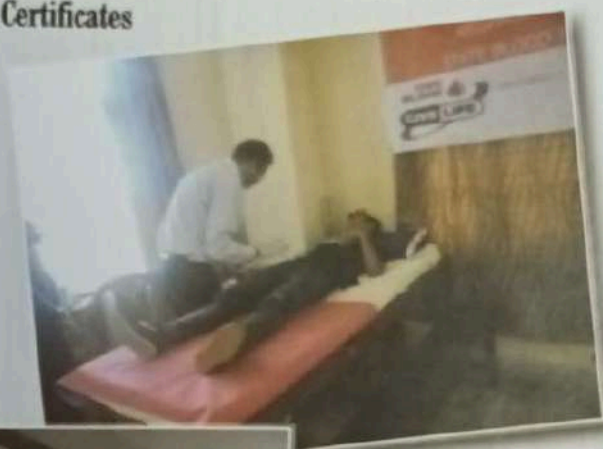
The National Service Scheme, Synod College Unit, Shillong conducted Voluntary Blood Donation Programme in the college campus, every year to make the Synodian fraternity aware about the importance the transfusing or donating blood to the needy person which has become very important part of the humanity in the modern health care system. The programme was conducted to promote and emphasize the self esteem of blood donors.

A One day Voluntary Blood Donation Programme was organized by the NSS Synod College Unit, Shillong in collaboration with Dr. H. Gordon Roberts Hospital, Jaiaw, Shillong on the 9<sup>th</sup> November 2017 (Thursday) in the Conference Hall of the college which started from 10:00 AM onwards. In this Blood Donation programme, there are more than 37 participants, NSS volunteers and college staff who wishfully want to donate blood but due to health constrain only 18 voluntary donors including the teaching and non-teaching staff successfully donated blood. Certificates were issued from the Hospital to those who made their generous contributions towards this noble cause.

## List of Donors who donated on 9<sup>th</sup> November 2017

1. Mr. Marbudlang Ryntathiang
2. Miss Ribahun Kharbani
3. Miss Magrita Dkhar
4. Mr. Bashanskhem Ryndong
5. Mr. Chiruplangki Suchiang
6. Mr. Damonlang Disiar
7. Miss. Ribianglyne Lyngdoh
8. Miss. Ibanisha L. Kynshi
9. Mr. Damiyo Lamare
10. Mr. Capriborn Skhemlon
11. Mr. Armingland Dkhar
12. Mr. Sambor Raliang
13. Miss. Heihok Wanki Lyntan
14. Mr. Seiborlang Khonglah
15. Mr. Pynshailang Umdor
16. Mr. Poupangai Gonmei
17. Mr. lakmenlang Marbaniang
18. Mr. Kerl'ihok Lyngdoh Buam

The National Service Scheme (NSS) Synod College Unit, Shillong expresses its deep appreciation and gratitude to all the voluntary donors (teachers and students) who made the Voluntary Blood Donation Programme held on the 9<sup>th</sup> November 2017 a success. May you be blessed with good health.



***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** Outreach and awareness Programme on Science Exposure to Umshing MawkynrohPrebyterian Secondary School Umshing

**Organized by:** Department of Chemistry, under the DBT Star College Scheme, Synod College, Shillong.

**Date:** Nov-17

***Supporting document is in the next page***



## OUTREACH PROGRAMME: 11<sup>TH</sup> NOVEMBER, 2017



***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** Outreach Programme on “Science , Computer Application and Exposure on different Science Exhibits at Jaiaw Presbyterian

**Organized by:** The Extension Programme Cell and the Science Departments under the DBT Star College Scheme

**Date:** 31-08-2018

***Supporting document is in the next page***

## **Report on the Extension programme conducted at Jaiaw Presbyterian School and Nongrah Presbyterian School on th 17<sup>th</sup> August and 30<sup>th</sup> August 2018.**

The Extension programme cell of the college has been set up by the college under the Internal Quality Assurance Cell with its aim to enable the College to serve the society in and around Shillong city , both in the urban and rural areas. The college has been given A grade by NAAC, Bangalore in the year 2017. The College being one of the renown college in Shillong, has taken a decision in what way the college can serve the society and uplift the life of the School students in and around Shillong, especially in rural areas.

The main objective of the Extension Programme Cell for this year 2018 -19, is to reached out to school children from rural areas for imparting and integrating knowledge leading to a new understanding of the subject. So the aim this year is to reached out to students and change their outlook on science subjects and mathematics. Most students they lost their interest in these subject as they could not grasp the basic important and understanding of the subject matter. The performance of students in science and mathematics are very poor and unsatisfactory. The teaching – learning process in most of these school are still following the old method of teaching. But by developing a new innovative method of teaching – learning process can help us as an extension programme cell to reach our goal this year.

One of the Method which we have adopted is “ Seeing is believing”. So to achieve our goal we followed the above method and also by using the recent technology of teaching like LCD, Power Point presentation will help us to make the teaching – leartning process more interesting.

Therefore, this year , the members of the extension programme cell in Collaboration with the Department of Science, under the DBT- STAR College Scheme of the College and IBT-Hub (Institutional Biotech Hub) has decided to conduct an outreach programme in Science, Mathematics & Computer Application at least in two Schools.

This year the cell and along with the Department of Science under the DBT – Star College Scheme and IBT Hub, has been able to conduct these programme at two different Schools. The two schools chosen this year are :

1. The Jaiaw Presbyterian Schoiol, Jaiaw and
2. The Nongrah Presbyterian School, Nongrah.

There are also few other school that are interested in the above programme but due to time constrain we could not conduct the programme more than two school a year.

The cell conducted one programme at Jaiaw Presbyterian School, Jaiaw. The programme was scheduled to be held on the 17<sup>th</sup> August 2018, but due to the demise of our former Prime minister, Late Shri Atal Bihare Vajpayee, the programme was rescheduled and was held on the 31<sup>st</sup> August 2018 at Jaiaw

Presbyterian School from 1.00pm to 3.30pm. In this programme the head Master of the school Shri S. Mawblei Chaired the Session. There were 200 participants who attended the programme.

The second programme was held at Nongrah Presbyterian School , Nongrah on the 12<sup>th</sup> October 2018, at 1.00pm to 3.30pm. The programme was chaired by the Head Mistress Smt. T. G. Lyngdoh. In this programme a total of 100 students along with the teaching staffs attended the programme.

In both these programme, the Head Master Shri S. Mawblei and the Head mistress Smt. T. G. Lyngdoh of the two Schools , give a special welcome to Dr. R. M. Lyngdoh, Head of the Department of Zoology and Co-ordinator of IBT Hub , Dr. W. Kharmawphlang , teacher in charge of the extension programme cell and also the Co-ordinator of the DBT- Star College Scheme, and also welcome all the faculty and students of Synod College as well all the teachers and students presence in the programme.

In their speeches the Head Master and the Head Mistress thank the Principal of the College, Dr. W. Kharmawphlang and all the faculty member of the extension programme cell for choosing their school to conduct these outreach programme. They said that it is a privilege to have such programme conducted in their school as these will be beneficial to their students. After their speech the programme was handed over to Dr. W. Kharmawphlang, teacher in charge of the extension cell to conduct the rest of the programme.

Dr. W. Kharmawphlang highlighted of the importance, aim and activities of the Extension programme cell. She thank the Head Master and the Head Mistress of both the school for giving them this opportunity to conduct this programme in their school premises. This was followed by a speech from Dr. R.M. Lyngdoh, H.O.D. of Zoology Department. In his speech, Dr. R. M. Lyngdoh, explain the objective of the two scheme that the college has and the grant in aid received from the Department of Biotechnology, Ministry of Science & Technology , Government of India, under the DBT- Star College Scheme and IBT- Hub.

Part of the objective of these two scheme is also to carry out an outreach programme to the under privilege school and help them understand the importance of the Science subjects and how to make them interesting to the school students which otherwise as we have mentioned before that they find it difficult and hard to understand the subject matter. In his speech Dr. R. M. Lyngdoh also encourage the students of the two schools to make use and take advantage of these two programme and benefit from them .He also thank the staff and students of the college who participate in these programme.

After this, Dr. W. Kharmawphlang, thank Dr.R.M. Lyngdoh for his motivating speech and the programme take off immediately with the 1<sup>st</sup> presentation by shri D. L. Jyrwa, Assistant professor of Mathematics department. This was followed by the 2<sup>nd</sup> presentation by Ms. D. L. Mawphlang, Assistant Professor of the department of Computer Science.

In his first lecture and presentation at Jaiaw Presbyterian school , shri D.L Jyrwa, explain the importance of Geometry in Mathematical sciences. He started off with an

introductory concepts of the word Area and the problem of measuring the size of flats objects. In this , rather than going and following the standard way of finding Areas by using formulae, he show the students how areas can also be determine by using Grid Square, by moving, flipping and rotating shapes of the object whose areas is to be Measured. He also explain the Pythagorean Theorem and how it is related to the problem of Areas. He concluded with an idea how to approximate Area by using squares.

In the Second lecture at Nongrah Presbyterian School, Shri D.L. Jyrwa, delivered a presentation on Application of high School Mathematics. He explain mostly on the application of Ratios in the World of Economics, of Maximising Profit and Minimising the Loss in Simple Business Transaction. He also discuss how Trigonometric Ratios can be used in simple measurement of Heights and its Application in the field of Engineering..This was then followed by the presentation by Ms. D. L. Mawphlang.

Ms D. L. Mawphlang in her 1<sup>st</sup> presentation at Jaiaw Presbyterian school, address the needs of understanding the Concepts of Computer to the Students. The topic discussed here were Computer Application and Operating System. Her Presentation consist of the Characteristics of the Computer, hardware and software Components of the Computer, its Application, scope of learning Computer and Various field in the study of Computer science were discuss thoroughly.

While the 2<sup>nd</sup> lecture and presentation at Nongrah Presbyterian school, the topic of the different Languages required in bridging the Gap between the Computer and Users were discussed thoroughly. She explain that the computet can understand only Binary digits of One' (1)s and Zero's (0), which is the Machine language, while the users can read and understand High Level language. Translation of High Lvel language to Machine language is done by the system software called the Interpreter. The Various type of the Operating System and its Function were also discussed.

After the two Lectures on both the School, the programme was followed by a quiz in which questions were ask to the participating school students on the topics discussed on the two presentations by Shri D, L. Jyrwa and Ms D. L. Mawphlang. There were an active participation from the school students and prizes were awarded to students who could give the correct answer.



***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** Outreach Programme on Science ,and Computer Application at Nongrah Presbyterian Secondary School

**Organized by:** The Extension Programme Cell and the Science Departments under the DBT Star College Scheme

**Date:** 12-10-2018

***Supporting document is in the next page***

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***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** One Day Cleaning Drive at Smit village

**Organized by:** NSS

**Date:** 13-11-2018.

***Supporting document is in the next page***

**Date: 13-11-2018**

**Cleaning Drive at Smit by the NSS**



Before and After # NSS Synod College





Before and After # NSS Synod College





Before and After # NSS Synod College



***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** Poster Campaign to observe the World Aids Day in the College.

**Organized by:** NSS

**Date:** 30-11-2018

***Supporting document is in the next page***

**Date: 30-11-2018**

**Poster Presentation by the NSS to observe World AIDS Day**



***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** Voluntary Blood Donation Camp in collaboration with Dr. H. Gordon Roberts Hospital, Jaiaw and the Meghalaya AIDS Control Society and the State Blood Transfusion Council

**Organized by:** NSS

**Date:** 28-03-2019

***Supporting document is in the next page***

## Blood Donation Camp

The NSS Unit of Synod College acknowledges that service to others is an important component that must be inculcated in its members in order to build a better society. Keeping in mind that there are people who are in need of blood, the College NSS unit has organised a voluntary blood donation camp with Dr. H. Gordon Robert's Hospital Blood Bank in collaboration with Meghalaya AIDS Control Society and the State Blood Transfusion Council with the hope that the blood they donate will help save those that are in need.



***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** Cleaning Drive at the College Campus

**Organized by:** NSS

**Date:** 03-06-2019

***Supporting document is in the next page***

**One Day Cleaning Drive in the College Campus on 3<sup>rd</sup> June 2019**



***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** Tree Plantation Programme at Laitkroh Village, East Khasi Hills

**Organized by:** NSS

**Date:** 05-06-2019

***Supporting document is in the next page***



***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** outreach Programme in Science and Community Development programme held at Laitkroh Presbyterian Secondary School, Laitkroh Village

**Organized by:** The Extension Programme Cell and the Science Departments under the DBT Star College Scheme

**Date:** 20-07-2019

***Supporting document is in the next page***

## **Report on Science Exposure and Outreach Programme – 2019**

### **On Science, Water Crisis and Community Development Programme at Laitkroh Presbyterian School, Laitkroh**

**Organized by the Science Department Under the DBT Star College Scheme and the Extension Programme Cell, Synod College, Shillong.**

Date : 20<sup>th</sup> July 2019

The Science Exposure and outreach programme on Science, Water Crisis and community development programme was held at Laitkroh Presbyterian School Laitkroh on the 20<sup>th</sup> July 2019 at 10.00 am. The total number of participants was 150, which include all the dignitaries present, the executive members of Laitkroh Village, members of Laitkroh village, School Students, B. Sc V Semester students of the College, Faculty Members from School and College. The total number of B. Sc students of the Department of Chemistry who participated in Science exhibition and demonstration of Science Experiment are in total 14 in numbers.

The programme was chaired by Ms M.B.Nijer, the Secretary of the School, who welcome the Principal of the College, Dr. R. M. Lyngdoh, Vice principal Shri D. War, School Head Master, the Headman, General Secretary, executive Members of Laitkroh Village, Faculty members and all the members present in the programme. This was followed by the speech from the Headman of Laitkroh Village who express his Gratitude to the College authority for choosing the Laitkroh village to conduct such important programme. This was followed by a speech from the Principal of the College Dr. R. M. Lyngdoh , who thank the Headman, the Head Master, General Secretary of the Laitkroh Village and Laitkroh Presbyterian School for accepting our proposal to conduct this programme in their School and village. He hope that this programme will help and enlightened the village on the importance of preservation of the Water resources available in their village and also the School children will learn and benefitted from importance and beauty of Science subject, mathematics and computer. Then Dr. W. Kharmawphlang highlighted the need to preserve the water resources for future sustainability, the importance of water as she said life on earth is sustain by water. Though 70% of the earth is covered by Water but only 3% is available as drinking or potable Water in which most of it is entrapped in the polar region as glacier. So the total amount of water available for consumption is very low. So the called to each and every citizen to take care of their environment and ecosystem so as to preserve these natural resources.

The programme was highlighted by the lecture and teaching from Shri D. L. Jyrwa on basic mathematics and basic computer science and water crisis by Ms D. L. Mawphlang. A quizzed was conducted for the scholl students on the above topic and many students actively participated in the above quiz and prizes was also distributed to the students. The programme was closed by a vote of thanks proposed by Dr. W. Kharmawphlang, the coordinator DBT Star College Scheme and Convener Extension Programme Cell, gratifying the Principal, the chair person, the Headman, the two speakers for their interesting topics. She also thank all the students, faculty members, executive members, members of the Dorbar Shnong Laikroh and the Managing committee of the school for hosting the programme. She thank the Department

of Biotechnology, Ministry of Science & Technology, Government of India for sponsoring the programme.

**OUTREACH PROGRAMME AT LAITKROH PRESBYTERIAN SS: 20<sup>th</sup> July, 2019.**



***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** Swatcha Pakhwada Programme at Umdihar Village (Adopted Village)

**Organized by:** NSS

**Date:** 09-08-2019

***Supporting document is in the next page***

**Swatchta Pakhwada on the 9<sup>th</sup> August 2019 at Umdihar village**



***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** Tree Plantation Programme (Van Mohatsav Week) at Umdihar Village

**Organized by:** NSS

**Date:** 22-08-2019

***Supporting document is in the next page***

**Van Mohatsav Week on the 9<sup>th</sup> August 2019 at Umdihar village**



***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** Health Rally under Ayushman Bharat participated by The Red Cross Society, Synod College

**Organized by:** District Medical and Heath Officer Office and the Directorate of Heatlh Services, Meghalaya

**Date:** 17-09-2019

***Supporting document is in the next page***

# HEALTH RALLY UNDER AYUSHMAN BHARAT

David Arnold Kharchandy  
Assistant Professor  
Department of History  
Synod College, Shillong

The Office of the District Medical and Health Officer, East Khasi Hills District, Shillong in collaboration with the Directorate of Health Services (MCH & FW) Meghalaya and the State Nodal Agency organized a Health Rally on the 17th of September, 2019. The rally started from the Directorate of Health Services Health Complex, Laitumkhrach to the Moreau Institute of Integral Training, Cleve Colony.



Ayushman Bharat Yojana is a Centrally sponsored scheme launched in 2018, under the Ayushman Mission, Government of India which aims at making interventions in primary, secondary, and tertiary health care systems, covering both preventive and promotive health with the aim to address healthcare holistically. It is an umbrella of two major health initiatives namely the Health and Wellness Centres and the Pradhan Mantri Jan Arogya Yojana (PMJAY).

teacher-in-charge, Mr. David Arnold Kharchandy participated in the rally. The rally was flagged off by Mr. A. L. Hek, Hon'ble Health Minister, Government of Meghalaya. The following students participated: Cassandra Kharlyngdoh, Achsah Syiem, Sanwaka Surong, Dawanka Shullai, Jenelle Kharपुरi, Jovita Nongkynrih, Barsanring Halam, Zimingsangi, Darren Dkhar Phanbuh, Riyoomeki Laloo, Samboklang Lyngdoh, Nicky John Lyngdoh, Jeremy Blah, Bashanskhem Ryndong.

Fifteen Students of the College along with the

***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** Awareness Programme - cum - Cleaning Drive at Laitkroh Village to Commemorate the 150th Birth Anniversary of Mahatma Gandhi

**Organized by:** Synod College

**Date:** 02-10-2019

***Supporting document is in the next page***



**Conrad K Sangma** ✓ @San... · 02 Oct 19 ⋮

I am glad to witness that **Synod College** took the onus upon themselves to educate and participate in **cleaning drive** at Laitkroh village in [#EastKhasiHills](#). It is important to educate our people in rural communities about best practices to ensure better livelihoods and lifestyle.









***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** Cleaning Drive at Smit

**Organized by:** NSS

**Date:** 08-10-2019

***Supporting document is in the next page***

## Cleaning drive at Smit village after the Nongkrem dance on the 8th November 2019



***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** Volunteering during the Pandemic

**Organized by:** NCC

**Date:** 06-04-2020

***Supporting document is in the next page***



***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** Extension and Community Development Programme on : “ life and Livelihood during the Pandemic : Challenges and Prospects”. Held at Rapleng Village

**Organized by:** The Extension Programme Cell and the Science Departments under the DBT Star College Scheme

**Date:** 09-11-2020

***Supporting document is in the next page***



## A Brief Report of The Extension Programme Cell, 2020

-Editor

### I - RAPLENG VILLAGE

Despite the Covid19 pandemic, the Extension Programme Cell, Synod College, Shillong has kept its dreams alive and continues chasing them anyway. In collaboration with the Science Departments (Synod College) under the DBT-Star College Scheme, Department of Biotechnology, Ministry of Science & Technology, Government of India, the Cell has, on the 9<sup>th</sup> November, 2020, conducted a community extension programme at Rapleng village of Mawkynrew Community and Rural Development Block. The programme was in the form of a lecture cum interaction with the villagers of the area on the theme **"Life and Livelihood during the Covid19 Pandemic: Challenges and Prospects"**.

The programme was chaired by Dr. (Mrs.) W. Kharmawphlang who is also the convener of both, the Extension Programme Cell and the DBT-Star College Scheme, Synod College, Shillong. Around 25 people from the village attended the programme besides the *Sordar*, Secretary and other members of the Rapleng village Executive *Dorbar*. The occasion was also marked by the august presence of Dr. (Mrs.) G. Lyngdoh, Coordinator, IQAC, Synod College and the members of the Cell. Besides the Chairperson who gave an introductory remark about the programme, the occasion was also addressed by Dr. (Mrs.) G. Lyngdoh and the *Sordar*. The programme started at 10:00AM and lasted for about an hour and a half. As mandated by the District Administration, East Khasi Hills, Shillong, the Covid19 protocols were strictly followed during the programme.

It was such a privilege that Mr. Sunny Mawlong, Managing Director of Hundredfold Academy, Shillong graced the programme as the Resource Person. He is a man of repute by his own merit and scholarship in the field of motivational talks and training. He began the talk by sharing his experiences in conducting such similar training programmes in different villages across the Khasi and Jaintia Hills of Meghalaya. Being crippled by the Covid19 pandemic in many respects, he invited the participants to waive the FLAG of success and guided them accordingly. The FLAG he was talking about is

basically an acronym for the four steps of life that one needs to tap on to sail through amidst a stormy challenge. These four steps during a critical time are to:

- i. Focus on solutions
- ii. Look for opportunities
- iii. Accept change and
- iv. Grow

He craftily used the anecdotes to drive his points. He shared a number of moral stories such as a boy and a butterfly in the hand, a man and a chicken farm and tying the donkey. To make the programme lively, he even employed a game to entertain the audience out of which he accordingly scored a motivational exhortation. In a nutshell, he urged one and all that during the pandemic, we need to:

- (a) Focus our attention on solutions rather than on fear or otherwise
- (b) Look for opportunities and alternatives instead of blaming the situation or cursing oneself
- (c) Accept the changes and adapt accordingly
- (d) Grow amidst the challenges in all dimensions of life.

Towards the end of the programme, kind gestures in the form of essential commodities, masks and sanitizers were also given to the participants from the College and the Resource Person. The programme was concluded with a vote of thanks proposed by Dr. A. W. Rani which is subsequently followed by light refreshment.

### II - UMDIHAR VILLAGE

On the 10<sup>th</sup> December, 2020, the Cell along with the Science Departments of Synod College under the DBT-Star College Scheme sponsored by the Department of Biotechnology, Ministry of Science and Technology, Government of India, conducted another joint programme in Umdihar village, Ri Bhoi District. The theme of the programme was **"COVID-19 Pandemic – Effects and Challenges on Students, Education and Rights: Recover Better and Stand Up for Human Rights"**. The programme was primarily designated to commemorate the World Human Rights Day, 2020 whilst also addressing the effects and challenges posed by the Covid19 Pandemic on students and education. In



Mr. Sunny Mawlong  
interacting with the participants

fact, the theme of the programme was premised on the UN's theme for the Human Rights Day celebration 2020. The programme began with a word of prayer from Elder S. S. Lapang of Umdihar Presbyterian Church, Umdihar and it was chaired by Dr. (Mrs.) W. Kharmawphlang who is the convener of both, the Extension Programme Cell and the DBT-Star College Scheme, Synod College, Shillong. In her inaugural address, she gave an introductory remark about the programme. She also highlighted about the aims/objectives and functions of the Extension Programme Cell as well as of the DBT-Star College Scheme. She also welcomed all the attendees to the programme. From her remarks, it was also understood that Synod College and Umdihar village have been good partners in such community extension programmes in the past. The headman of Umdihar gave the welcome address and thanked Synod College for choosing Umdihar village for yet another programme. Around 30 people attended the programme which includes the executive members of Umdihar Dorbar Shnong, members of some SHGs and others. The members of the Cell and DBT-Star College Scheme were also present.

Mr. Eboton Kharkongor, Manager and Trainer from the Logos Foundation, was the resource person for the programme. He concentrated his lecture on Covid19 pandemic and the effects and challenges thereof on students and education in general. He spelled out that the sole motive of the programme was to inspire and motivate the students to continue their education despite the adverse impacts brought by the pandemic. Since, students were not present in

the gathering, he addressed to the attendees who were the parents or guardians of the students in such a manner that they will continue to support and inspire their wards to pursue education despite all odds. He reminded the major effects of Covid19 on students in which according to the UNESCO data not less than 1.3 billion students have been adversely affected worldwide. Due to the pandemic, the students have been forced to confine in their own homes and this disconnected them from the normal schooling system. Many have lost the interest in education and quite many more have lost their focus and retention power as well. The online mode which was introduced has got its own lapses due to connectivity problems and otherwise. It has also brought the division between the haves and the have-nots in terms of technology accessibility. The survey conducted by the UNESCO also revealed that there were many students who have got married during the pandemic and as such it has led to early marriage. Towards the end, the speaker exhorted the audience by sharing his experiences in the pursuance of education which was indeed very inspiring. He has faced many obstacles and challenges in his career but he never gave up. He concluded that hard work, sincerity, diligence along with the motivation from the family and friends can go a long way in shaping the lives of the young ones.

Dr. A. W. Rani also spoke on the occasion in which he paid special attention on the World Human Rights Day. He reminded about the background of Human Rights thereby focusing on the life of Rene Samuel Cassin who is regarded as the father or architect of the UN Human Rights declaration in 1948. He also presented a Khasi worldview on human rights by reminding the three cardinal tenets of Khasi philosophy. He underscored on the importance of rights in life and called upon the attendees to be aware and informed of their own rights and ultimately advocate for human rights in general. The programme was concluded with a vote of thanks from Mrs. D. L. Mawphlang.



Group photo after the Programme, Umdihar

***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** Extension and Community Development Programme on “ Covid – 19 Pandemic – Effects and Challenges on Students, Education and Rights : Recover Better and Stand Up for Human Rights

**Organized by:** The Extension Programme Cell and the Science Departments under the DBT Star College Scheme

**Date:** 10-12-2020

***Supporting document is in the next page***



## A Brief Report of The Extension Programme Cell, 2020

-Editor

### I - RAPLENG VILLAGE

Despite the Covid19 pandemic, the Extension Programme Cell, Synod College, Shillong has kept its dreams alive and continues chasing them anyway. In collaboration with the Science Departments (Synod College) under the DBT-Star College Scheme, Department of Biotechnology, Ministry of Science & Technology, Government of India, the Cell has, on the 9<sup>th</sup> November, 2020, conducted a community extension programme at Rapleng village of Mawkynrew Community and Rural Development Block. The programme was in the form of a lecture cum interaction with the villagers of the area on the theme **"Life and Livelihood during the Covid19 Pandemic: Challenges and Prospects"**.

The programme was chaired by Dr. (Mrs.) W. Kharmawphlang who is also the convener of both, the Extension Programme Cell and the DBT-Star College Scheme, Synod College, Shillong. Around 25 people from the village attended the programme besides the *Sordar*, Secretary and other members of the Rapleng village Executive *Dorbar*. The occasion was also marked by the august presence of Dr. (Mrs.) G. Lyngdoh, Coordinator, IQAC, Synod College and the members of the Cell. Besides the Chairperson who gave an introductory remark about the programme, the occasion was also addressed by Dr. (Mrs.) G. Lyngdoh and the *Sordar*. The programme started at 10:00AM and lasted for about an hour and a half. As mandated by the District Administration, East Khasi Hills, Shillong, the Covid19 protocols were strictly followed during the programme.

It was such a privilege that Mr. Sunny Mawlong, Managing Director of Hundredfold Academy, Shillong graced the programme as the Resource Person. He is a man of repute by his own merit and scholarship in the field of motivational talks and training. He began the talk by sharing his experiences in conducting such similar training programmes in different villages across the Khasi and Jaintia Hills of Meghalaya. Being crippled by the Covid19 pandemic in many respects, he invited the participants to waive the FLAG of success and guided them accordingly. The FLAG he was talking about is

basically an acronym for the four steps of life that one needs to tap on to sail through amidst a stormy challenge. These four steps during a critical time are to:

- i. Focus on solutions
- ii. Look for opportunities
- iii. Accept change and
- iv. Grow

He craftily used the anecdotes to drive his points. He shared a number of moral stories such as a boy and a butterfly in the hand, a man and a chicken farm and tying the donkey. To make the programme lively, he even employed a game to entertain the audience out of which he accordingly scored a motivational exhortation. In a nutshell, he urged one and all that during the pandemic, we need to:

- (a) Focus our attention on solutions rather than on fear or otherwise
- (b) Look for opportunities and alternatives instead of blaming the situation or cursing oneself
- (c) Accept the changes and adapt accordingly
- (d) Grow amidst the challenges in all dimensions of life.

Towards the end of the programme, kind gestures in the form of essential commodities, masks and sanitizers were also given to the participants from the College and the Resource Person. The programme was concluded with a vote of thanks proposed by Dr. A. W. Rani which is subsequently followed by light refreshment.

### II - UMDIHAR VILLAGE

On the 10<sup>th</sup> December, 2020, the Cell along with the Science Departments of Synod College under the DBT-Star College Scheme sponsored by the Department of Biotechnology, Ministry of Science and Technology, Government of India, conducted another joint programme in Umdihar village, Ri Bhoi District. The theme of the programme was **"COVID-19 Pandemic – Effects and Challenges on Students, Education and Rights: Recover Better and Stand Up for Human Rights"**. The programme was primarily designated to commemorate the World Human Rights Day, 2020 whilst also addressing the effects and challenges posed by the Covid19 Pandemic on students and education. In



Mr. Sunny Mawlong  
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Mr. Eboton Kharkongor, Manager and Trainer from the Logos Foundation, was the resource person for the programme. He concentrated his lecture on Covid19 pandemic and the effects and challenges thereof on students and education in general. He spelled out that the sole motive of the programme was to inspire and motivate the students to continue their education despite the adverse impacts brought by the pandemic. Since, students were not present in

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Group photo after the Programme, Umdihar

***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** Outreach and Awareness programme on Science and Computer Science at Risoh English School, Rtiang Village, Umsning

**Organized by:** Science Departments under the DBT Star College Scheme, Synod College, Shillong

**Date:** 15-01-2021

***Supporting document is in the next page***

**OUTREACH AND AWARENESS PROGRAMME ON SCIENCE AND  
COMPUTER SCIENCE AT RISOH ENGLISH SCHOOL, RTIANG  
VILLAGE , RI- BHOI DISTRICT ON 15<sup>th</sup> January, 2021.**



***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** Six days Special Camp at Umdihar village, Ri-Bhoi District.

**Organized by:** NSS

**Date:** 24 to 25-02-2021

***Supporting document is in the next page***

**NSS Synod College Unit Special Camp at Umdihar (Adopted Village)**  
**24<sup>th</sup> to 29<sup>th</sup> February 2020**



***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** Celebration of National Science Day at Mairang Presbyterian College, Mairang

**Organized by:** Science Departments under the DBT Star College Scheme, Synod College, Shillong

**Date:** 27-02-2021

***Supporting document is in the next page***



**Celebration of National Science Day, Mairang Presbyterian Science College, Mairang**

### Celebration of National Science Day 2021

**Theme: Future of Science, Technology and Innovation: 'Impacts on Education, Skill & Work'**

*Organised by*

*The Science Departments under the DBT- Star College Scheme, Synod College, Shillong,  
in Collaboration with the Students Science Club & Environment Club, Synod College,*

*Sponsored by*

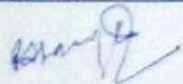


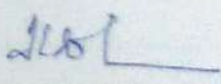
*The Department of Biotechnology, Ministry of Science and Technology, Government of India*

**Venue: Mairang Presbyterian Science College**

**Date: 27th February, 2021**

**Time: 1.00.PM**

#### REGISTRATION

SL.NO	NAME	DESIGNATION	SIGNATURE
1	Dr. R.M.Lyngdoh	Principal Synod College	
2	Prof. R.Thangkhiew	Principal Mairang Presbyterian Science College	
3	Dr. M.Rani	Vice Principal Synod College	
4	Shri. S.Jyrwa	Vice Principal, Synod College Science & Professional Course	
5	Dr. G.Lyngdoh	Coordinator, IQAC Synod College	
6	Shri.D.L.Jyrwa	Assistant Professor Department of Mathematics, Synod College	
7	Dr. J.L. Mawmai	Vice - Principal Mairang Pres. Sc College	
8			
9			
10			

$$\begin{array}{r} 4 + 12 = 16 \\ \text{Feb } 30 = 14 \\ 30 \\ 115 \\ 145 \end{array}$$

## Celebration of National Science Day 2021

**Theme: Future of Science, Technology and Innovation: 'Impacts on Education, Skill & Work'**

**Venue: Mairang Presbyterian Science College**

**Date: 27th February, 2021**

Time: 1.00.PM

## REGISTRATION

[illegible]

**Celebration of National Science Day 2021**

**Theme: Future of Science, Technology and Innovation: 'Impacts on Education, Skill & Work'**

*Organised by*

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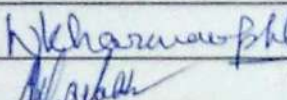
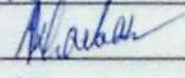
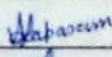


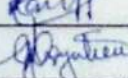
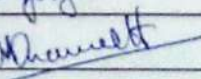
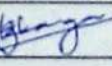

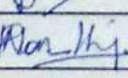
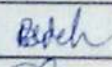
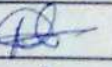
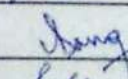
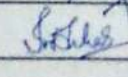
*The Department of Biotechnology, Ministry of Science and Technology, Government of India*

**Venue: Mairang Presbyterian Science College**

**Date: 27th February, 2021**

**Time: 1.00.PM**

**REGISTRATION: Synod College Faculty (Science Departments)**

SL.NO	NAME	DEPARTMENT	SIGNATURE
1	Dr. W.Kharmawphlang	Chemistry	
2	Shri. N.Kharbani	Chemistry	
3	Ms. A.Lapasam	Chemistry	
4	Mrs. L.Massar	Chemistry	
5	Shri. R.Rani	Chemistry	
6	Mrs. G.Kharsyntiew	Physics	
7	Shri. M.D.Wanswett	Physics	
8	Shri. D.G.L.Khongwir	Physics	
9	Shri. G.Kharkongor	Physics	
10	Shri. W.Kharbani	Physics	
11	Ms. N.C.Marbianiang	Botany	
12	Dr. H.Swer	Botany	
13	Dr. P.Nongkling	Botany	
14	Dr. Y.Saio	Botany	
15	Dr. R.D.Lyngdoh	Zoology	
16	Dr. D.Marngar	Zoology	
17	Dr. A.J.Iangrai	Zoology	
18	Ms. I.Dkhar	Zoology	
19			
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# Celebration of National Science Day 2021

Theme: Future of Science, Technology and Innovation: 'Impacts on Education, Skill & Work'

Venue: Mairang Presbyterian Science College

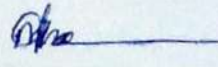

Date: 27th February, 2021

Time: 1.00 PM

Class: V Semester

## REGISTRATION

SL.NO	NAME	ROLL.NO	HONS	SIGNATURE
1.	WELLDONE MAWBLEI	51802237	MATHS	Wubli
2.	STEWART NONGBRI	51802238	MATHS	S. Nongbri
4.	Leadington Marbanang	51802244	MATHS	Leading
5.	Liebethelene Wahlang	51802247	MATHS	L. Wahlang
6.	Rishadalin Wahlang	51802253	PHYSICS	R. Wahlang
7.	Khyslop Malu Lynnai Nongrum	51802202	BOTANY	Khyslop
8.	Gitaneeey Marwein	51802257	PHYSICS	G. Marwein
9.	Huntelin Basanawmoit	51802258	PHYSICS	Huntelin
10.	Alton Bony Wanlang	51802266	PHYSICS	A. Wanlang
11.	Shandi L. MAWLONG	51802255	PHYSICS	Shandi
12.	Banjphkhuo L. Mawrai	51802260	PHYSICS	Banjphkhuo
13.	Pynkhur Basaringait	51802259	PHYSICS	P. Basaringait
14.	Zaibetskhon Nongyiej	51802254	PHYSICS	Z. Nongyiej
15.	Pynshkhumborlang Hynghkhor.	51802246	MATHS	P. Hynghkhor
16.	Lodistar Mawblei	51802239	MATHS	L. Mawblei
17.	Damonlang Lawrinianang	51802245	MATHS	D. Lawrinianang
18.	Balaichun Marshera	51802208	Botany	B. Marshera
19.	Banikynti Hojoon	51802270	Zoology	B. Hojoon
20.	Anitabel Nongyiej	51802205	Botany	A. Nongyiej
21.	Sophiamary joy Nongrum	51802206	Botany	S. Nongrum
22.	Saphiralin Harbanianang	51802207	Botany	S. Harbanianang
23.	Jana xaxa	51802209	Botany	Jana
24.	Shimtitun mawlong	51802260	Botany	S. mawlong
25.	Da-i-mais Hujon	51802204	Botany	D. Hujon
26.	Marylynne Wahlang	51802211	Botany	M. Wahlang
27.	BOKITABA Lamare	51802240	Maths	B. Lamare
28.	Aikosy mawlong	51802217	Chemistry	A. mawlong
29.	Donsing Basakwmoit	51802220	Chemistry	D. Basakwmoit

Sl no.	Name	Roll nos.	Hons	Signature
30	Markhamendox Marngar	51802223	Chemistry	
31	Bollyuti Naswin	51802241	Mathematics	B. Naswin
32.	Lanasha Marngar	51802231	Mathematics	
33.	Rejoicefullness Mawblei	51802234	Mathematics	R. Mawblei
34.	Born challenge Nangphud	51802233	Mathematics	B. Nangphud

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11  
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# Celebration of National Science Day 2021

Theme: Future of Science, Technology and Innovation: 'Impacts on Education, Skill & Work'

Venue: Mairang Presbyterian Science College

Date: 27th February, 2021

Time: 1.00 PM

1<sup>st</sup>  
Class: Semester

## REGISTRATION

SL.NO	NAME	ROLL.NO	HONS	SIGNATURE
1	Helpfulman Marbanlong	52	Maths	H. Marb
2	SKHENDOR LANG SHABONG	61	MATH	S. Shabong
3	Connellborn L. Lyngkhoh	47	Math	C. Lyngkhoh
4	Daowanpyndap Lyngkhoh	49	Maths	Daowanpyndap
5	Ribeidlang Mynthong	58	Maths	R. Mynthong
6	Danudsing aukha K. synbew	48	maths	D.K. Synbew
7	Shanboulang Kumbah	60	Maths	S. Kumbah
8	Dibuldang Kharlait	84	Physics	D. Kharlait
9	Heiborimi warjini	51	Maths	(Hij)
10	Sidalin. Rynthathiang	104	Zoology	S. Rynthathiang
11	Ibamontang Marwein	102	Zoology	T. Marwein
12	Orbala Shabong	37	Chemistry	O. Shabong
13	Jemisma Thabak	30	Chemistry	J. Thabak
14	Mersibar Marngar	34	chemistry	M. Marngar
15	Nanbianglung Sobhang	4	Botany	N. Sobhang
16	Tunrose K. Herylait	43	Chemistry	T. Herylait
17	Phisulany Nangzaw			
18	Aihunshuha Shati	467	Maths	A. Shati
19	Nawalina Kumbah	79	Maths	N. Kumbah
20	Baluklin wahlang	71	Maths	B. wahlang
21	Ibangla Lyngkhoh	75	Maths	I. Lyngkhoh
22	Babiangdor stepwar	70	maths	B. Stepwar
23	Mawkoridon Rynthathiang	13	Chemistry	M. Rynthathiang

**Celebration of National Science Day 2021**

**Theme: Future of Science, Technology and Innovation: 'Impacts on Education, Skill & Work'**

**Venue: Mairang Presbyterian Science College**

**Date: 27th February, 2021**

**Time: 1.00 PM**

**Class: T Semester**

**REGISTRATION**

SL.NO	NAME	ROLL.NO	HONS	SIGNATURE
1	Angeles L. peirlang	51902307	Botany	A. peirlang
2	Monang Banaiaomoi	51902257	Zoology	M. Banaiaomoi
3	BATSKHEMBOR LYNGDOH	51902205	BOTANY	B. Lyngdoh
4	DIBORLIN KHARKRANG	51902228	CHEMISTRY	D. Kharkrang
5	Lamyingkhui. Wablang	51902234	Chemistry	L. Wablang
6	Las Star L. Nongzum	51902241	Mathematics	L. Nongzum
7	Mawshansoy Nongrang	51902212	Chemistry	M. Nongrang
8	Banangsan Nongsiej	51902216	Chemistry	B. Nongsiej
9	Lapynshaihkynshi Wanyri	51902258	Zoology	L. Wanyri
10	JESILY JYRWA	51902222	CHEMISTRY	J. Jyrwa
11	Ithabara Jyrwa	51902259	Zoology	I. Jyrwa
12	Roseangel Lyngdoh Kynshi	51902219	CHEMISTRY	R.A.L. Kynshi
13	IAIKMENLANG DKHAR	51902249	PHYSICS	I. Dkhar
14	Ribiliansy Japhniau	51902215	CHEMISTRY	R. Japhniau
15	Phyllashisha Nongsiej	51902214	CHEMISTRY	P. Nongsiej
16	Nakhishe Nongsiej	51902243	Mathematics	N. Nongsiej
17	Balapynkmen Marthong	51902221	Chemistry	B. Marthong
18	Airinda Shangai Seiem	51902253	Zoology	A. Seiem
19	Ebakarisha Mawlein	51902204	Botany	E. Mawlein
20	Ibathariti Lantiniang	51902252	Zoology	I. Lantiniang
21	Wanpyntngun Thabak	51902201	Botany	W. Thabak
22	Daphibamoi Wablang	51902227	chemistry	D. Wablang

**Celebration of National Science Day 2021**

**Theme: Future of Science, Technology and Innovation: 'Impacts on Education, Skill & Work'**

**Venue: Mairang Presbyterian Science College**

**Date: 27th February, 2021**

**Time: 1.00 PM**

**Class: 1<sup>st</sup> Semester**

**REGISTRATION**

SL.NO	NAME	ROLL.NO	HONS	SIGNATURE
1	Sambitang Marbaniang	59	Maths	S. Sambitang
2	Sambitang Wollang	54	Maths	S. Wollang
3	Banangpudop Marwan	45	Maths	B. Marwan
4	Odornwell Wahlang	7	Chemistry	O. Wahlang
5	Phynsharisek Marngan	94	Physics	S. Marngan
6	Ibanshan Wannang	5	Chemistry	I. Wannang
7	Zairberton d. Lyngkhai	85	Physics	Z. Lyngkhai
8	Allen Donald K. Marlang	82	Physics	A. K. Marlang
9	Kyromensthem L. Nongkhai	89	Physics	K. Nongkhai
10	Dalthema Kyphang	17	Chemistry	D. Kyphang
11	Eui Ransidh Lim	18	Chemistry	E. Lim
12	Labourious Kurbah	99	Zoology	L. Kurbah
13	Buntyllai Marbaniang	16	Chemistry	B. Marbaniang
14	Shurpapphony L. Marlang	94	Physics	S. Marlang
15	Binchoraid Khomawlong	15	Chemistry	B. Khomawlong
16	Mebambatsstem L. Nongkhai	20	Chemistry	M. Nongkhai
17	Feederbert Marngan	19	Chemistry	F. Marngan
18	Shabani Marwan	11	Chemistry	S. Marwan
19	Daphila pyntzen Wahlang	72	Maths	D. Wahlang
20	Jeldanika Lyngkhai Marbaniang	29	Chemistry	J. Marbaniang
21	Aidalin Lim	22	Chemistry	A. Lim
22	Arbanthun Kyntathang	66	Maths	A. Kyntathang
23	Daddy Faliqa Thabak	74	Maths	D. Thabak
24	Dashangthun Kyntathang	73	Maths	D. Kyntathang
25	Banwanak d. Marbaniang	25	Chemistry	B. Marbaniang

## Celebration of National Science Day 2021

**Theme: Future of Science, Technology and Innovation: 'Impacts on Education, Skill & Work'**

**Venue: Mairang Presbyterian Science College**

**Date: 27th February, 2021**

Time: 1.00.PM

**REGISTRATION** B.Sc. 1<sup>st</sup> semester

[illegible]

***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** Celebration of International Women's Day in collaboration with 2nd Meghalaya Bn. NCC, Shillong

**Organized by:** NCC

**Date:** 08-03-2021

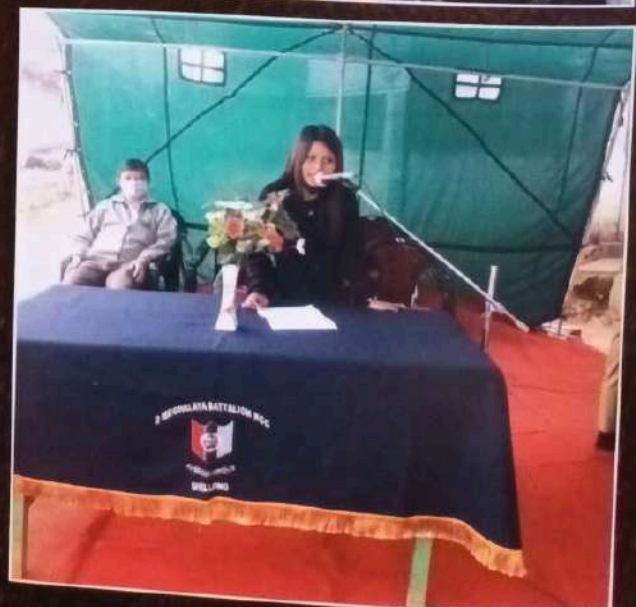
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# SYNOD COLLEGE MAGAZINE



NCC Girls Synod College Unit, Shillong celebrated International Women Day on the 8 March, 2021 at Mawpdang Village, East Khasi Hills in collaboration with 2<sup>nd</sup> Meghalaya BN NCC, Shillong.



MARCH ON 2020-21

***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** World Water Day Celebration at St. John's Boys Higher Secondary School Sohra(Cherrapunji)

**Organized by:** Science Department

**Date:** 22-03-2021

***Supporting document is in the next page***

**A Report On  
The Celebration of World Water Day – 2021  
Organized by  
Science Departments  
UNDER DBT- STAR COLLEGE SCHEME  
Sponsored by  
The Department of Biotechnology Ministry of Science and Technology, Government of  
India**

The Science Departments, Synod College, Shillong, in collaboration with the Office of the Syiem of HimaSohra, Sohra, organized an **Awareness Programme on “Valuing Water: Raising Awareness on Global Water Crisis and How to Conserve and Preserve Natural Water Resources for Future Development”** on the 22<sup>nd</sup> of March, 2021, as part of the Celebration of World Water Day – 2021 under DBT-Star College Scheme, held in St. John Boys Higher Secondary School, Sohra.

The programme commenced with registration of participants which include school students of classes VII, VIII, IX, X and XI of St. John Boys Higher Secondary School, St. John Girls Higher Secondary School and Ram Krishna Mission Higher Secondary School, Sohra, five students of B.Sc. III and V Semesters of Synod College, teachers, the Syiem of HimaSohra, State officials and other attendees. A total of 175 participants attended the programme.

The programme was chaired by Dr.G. Lyngdoh, IQAC Co-ordinator, Synod College. The welcome address was delivered by Dr. R. M. Lyngdoh, Principal, Synod College in which he briefed on the subject of water crisis and the importance of water conservation and preservation for future development. He also appreciated the faculty members of Science Departments, Synod College and the Office of the Syiem of Hima Sohra, Sohra, for organizing the programme and the students as well as the State Officials for their active participation.

On this event, a special lecture was delivered by Shri M. Kharbani, Divisional Officer, Soil & Water Conservation, Government of Meghalaya. In his talk, the speaker talked on water crisis and the importance of sustainable use of water. He also discussed about the different methods of water conservation and preservation. He highlighted on the water shortage faced in the Sohra region and the different strategies taken up by the government to enhance the availability of water to the people of this region. The speaker also engaged the students in certain activities which gave them the opportunity to be involved in the programme.



At the end of the lecture, students were offered a 'Q &A' session with the speaker in which the speaker interacted with the students and answered many queries raised by the participants. The programme was concluded with a vote of thanks delivered by Dr. W. Kharmawphlang.



***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** Yoga Day

**Organized by:** 2nd Meghalaya Battalion NCC

**Date:** 21-Jun-21

***Supporting document is in the next page***

## Yoga Day Celebration 2021 by the NCC

Date: 21-06-2021





***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** Van Mohatsav Week

**Organized by:** NSS

**Date:** 07-07-2021

***Supporting document is in the next page***



# NATIONAL SERVICE SCHEME (NSS) SYNOD COLLEGE UNIT SHILLONG ANNUAL REPORT REGULAR ACTIVITIES (2021)



The National Service Scheme (NSS), Synod College Unit, Shillong during the year 2021 had organized and attended various activities and programmes which are in tune with students' personal development and their selfless services for the welfare of the institution and the society. Although the Covid-19 pandemic has disrupted the educational institutions and students' activities, however under the able leadership and co-ordination of our Programme Officers namely Dr. A. P. Warjri, Dr. D. D. Nengnong, Dr. R. Shangpliang and Mrs. I. Mond, the Unit has been able to conduct and participated in the following programmes both inside and outside the college campus.

- Organised the NSS Volunteers Recruitment Drive in the college campus from 24<sup>th</sup> to 25<sup>th</sup> February, 2021.
- Celebrated the Van Mohotsav Week 2021 on the 7<sup>th</sup> July, 2021.
- Participated in the NSS Foundation Day Celebration (Online) organized by the National Service Scheme (NSS), NEHU, Shillong on the 24<sup>th</sup> September, 2021.
- Participated in the "One Day Capacity Building Training for RRC/NSS Nodal Officer" on HIV, AIDS, TB and Voluntary Blood Donation organized by the Meghalaya Aids Control Society, Shillong on the 29<sup>th</sup> September, 2021.
- Organised the Swachh Bharat Abhiyan Pledge (Online) on the 2<sup>nd</sup> October, 2021.
- Organised the NSS Volunteers Recruitment Drive in the college campus from 24<sup>th</sup> to 25<sup>th</sup> November, 2021.
- Organised the Orientation Programme in the college campus on the 29<sup>th</sup> November, 2021.
- Organised the Blood Donation Camp in collaboration with Dr. H. Gordon Roberts Hospital, Shillong in the college campus on the 1<sup>st</sup> December, 2021.
- Organised the Cleaning Drive and visit to the tree plantation site (fencing of trees and weeding) at the adopted village Umdihar on the 14<sup>th</sup> December, 2021.

The Unit is sincerely grateful to the Principal of Synod College as well as the teaching and non-teaching staffs of the college for their support and encouragement in many aspects. The Unit is especially thankful to the volunteers whom without their active participation, the programmes would not have been successful.

## Programme Officers

Dr. A. P. Warjri  
Dr. D. D. Nengnong  
Dr. R. Shangpliang  
Mrs. I. Mond

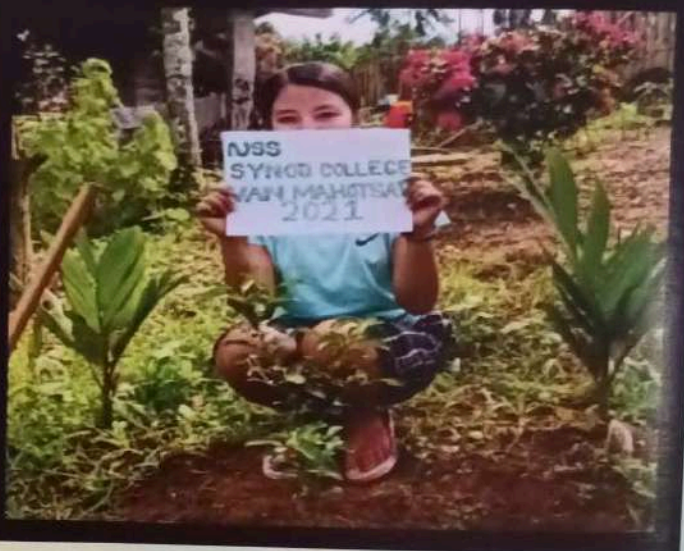
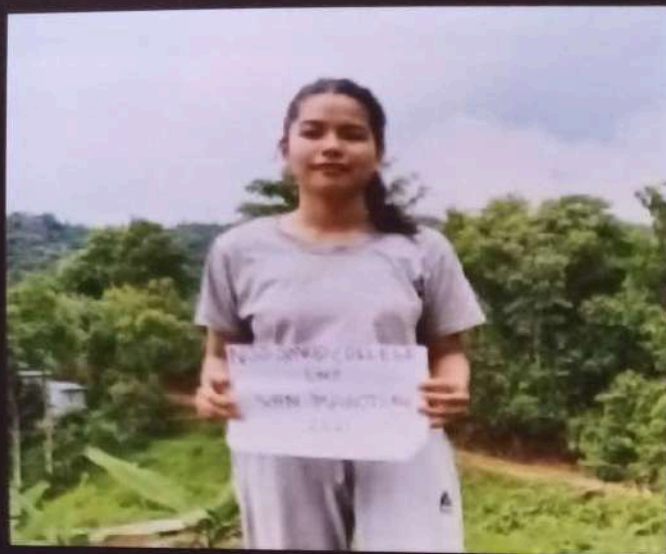


## Van Mohotsav Week 2021 - 7<sup>th</sup> July, 2021





SYNOD COLLEGE | SHILLONG



***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** Swachh Bharat Abhiyan Pledge (Online)

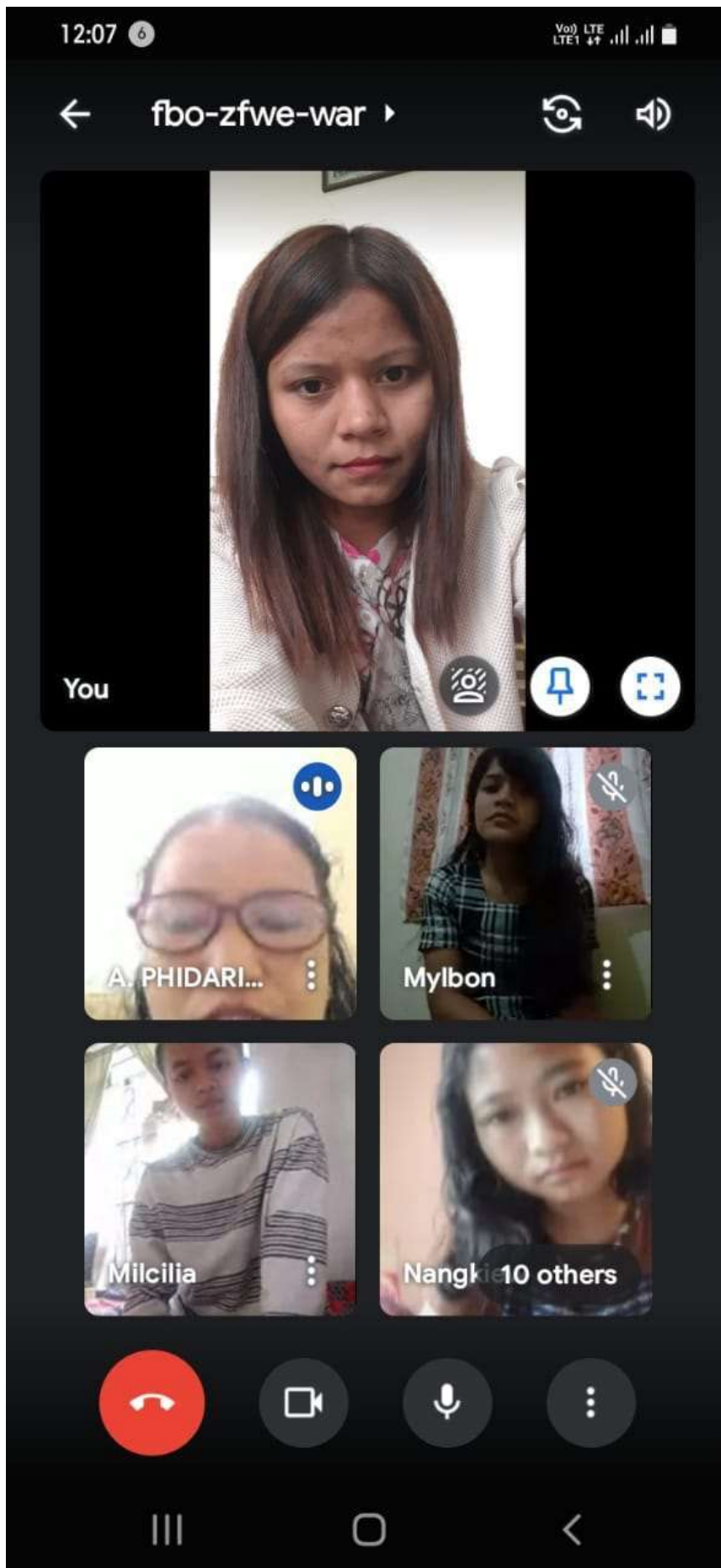
**Organized by:** NSS

**Date:** 02-10-2021

***Supporting document is in the next page***

Date: 02-10-2021

## Swachh Abhiyan Pledge (Online) by the NSS



***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** Out-Reach and Community development programme at Mairang Presbyterian English school, Mairang, on theme: “ Perspectives and Importance Of Agricultural Farming and Sensitization Programme on Traditional and Scientific Farming”

**Organized by:** The Extension Programme Cell and the Science Departments under the DBT Star College Scheme

**Date:** 05-10-2021

***Supporting document is in the next page***

# **Report**

*on the*

## **OUTREACH AND COMMUNITY DEVELOPMENT PROGRAMME**

*On*

***Celebrating the International Year of Fruits and Vegetables (IYFV-2021)***

## **PERSPECTIVES AND IMPORTANCE OF AGRICULTURAL FARMING AND SENSITISATION PROGRAMME ON TRADITIONAL AND SCIENTIFIC FARMING**

*at*

**Mairang Presbyterian English Secondary School**

*organized by*

**The Extension Programme Cell  
Synod College**

*and*

**The Science Departments  
under the  
DBT-Star College Scheme,  
Sponsored by The Department of Biotechnology,  
Ministry of Science and Technology, GoI**



**October 5, 2021**

## 1. Programme at Mairang Presbyterian English Secondary School

The Outreach and Community Development Programme On “Celebrating the International Year of Fruits and Vegetables (IYFV-2021) : Perspectives and Importance of Agricultural Farming and Sensitisation Programme on Traditional and Scientific Farming” was organized by The Extension Programme Cell Synod College and The Sciences Department under the DBT-Star College Scheme sponsored by The Department of Biotechnology, Ministry of Science and Technology, Government of India on 5<sup>th</sup> October, 2021 at Mairang Presbyterian English Secondary School, Mairang. All the SOPs as issued by the District Authorities were followed throughout the programme. A total of 60 people (26 males and 34 females) were present in the programme. The programme started at 11:00 am. All proceedings of the programme were conducted in the Khasi language.

- 1.1. Address from the Headmistress – The programme started with a welcome address from the Principal of Mairang Prebyterian English Secondary School, Ms. E. Wahlang



Picture 1.1.1. Ms. E. Wahlang

- 1.2. Address from the Chairperson –The Chairperson, Dr. A.W. Rani explained to the participants about the theme of the programme and highlighted how agriculture played a role in the formation of different civilizations all over the world. The chairperson also explained about the functions of the Extension Programme Cell, Synod College and how it used to organize programmes in different parts of the State of Meghalaya. Dr. Rani also highlighted about the fact that no one can escape science in their daily life and then explained how the DBT and in particular the Science Departments under it are playing their role to help each citizen in the realisation the Directive Principles of the Constitution of India i.e. to promote scientific temper. Dr. Rani then introduced the resource person for the Programme i.e. Shri. K. D. Kharkongor.

- 1.3. Speech from the Resource Person – Shri. K.D. Kharkongor employed a story telling approach and well-timed humour throughout his speech to capture the attention of the participants. His stories are filled with morals which would highlight the importance of agriculture and which would also explain the strategies of farming to the participants. He started with a statement that all living beings require food and because of this, agriculture is a resource that can drive the economy. He added to this by listing the eight ways below how farmers contribute to the dynamics of the economy of a society:

- i) through land and tools
- ii) through field labourers
- iii) through transportation of goods
- iv) through the labourers in the market
- v) through the taxes paid in the market
- vi) through the traders and middlemen



Picture 1.3.1. Shri. K.D. Kharkongor

vii) through the shopkeepers in the market  
that the farmers used to procure other things  
viii) through the vegetables, fruits, meat and  
all kinds of food shops that all people use.

And because of these reasons, he explained how the farmers are the backbone of the economy. But, the sad news is how this backbone is now curved by many reasons. He reminded how farmers from the rural areas are looked down upon not only by the people from the cities but how they are also ignored by the government. But in spite of all of these reasons, he gave the good news of how agriculture can be seen as an opportunity. After all, with the population rising and the general feeling of the decline in the number of people who wants to continue in farming – this is indeed an opportunity that if taken with the right mind and the right techniques, agriculture can be highly profitable. This is exactly why he urges upon the student participants to go and study and then come back to the fields with updated technologies to improve agriculture but at the same time to not forget the history and the traditions.



**Picture 1.3.2. The participants in the programme**

The lecture then took a turn and Mr. K.D. Kharkongor highlighted the reasons that can cause a decline in agricultural produce. He explained how the deterioration of the soil is one of the reasons for such a decline. He used the common observatory knowledge of how crops and other plants do not grow beneath the pine trees to teach about the quality and layers of soil and how the top soil is leached by erosion. He again used the same example to teach about the acidity and alkalinity of the soil by also making use of pH levels. The resource person also explained how the over use of fertilizers or the use of fertilizers without proper knowledge is another reason for the deterioration of the soil quality. As a remedy, he explained the use of the different fertilizers that are commonly used like DAP, SSP and MOP. He then explained about the functions of the three nutrients (NPK) that are needed by plants and stressed how different crops and plants differ in their ratio-requirements of the three nutrients. But, he added that the different fertilizers, pesticides and fungicides can have a negative impact on the soil. This is when he explained about organic farming and its advantages.

The resource person ended his speech with a message that the new generation of farmers should be educated and should aim for large scale farming and rearing.

It is only fair to mention here that the resource person showed his great passion, preparedness and enthusiasm and preparedness for his work in the uplifting of agriculture by handing out printed copies (15 pages in total) on four topics relating to agriculture to each and every participant. (Refer Appendix VII)

- 1.4. Interaction session – The participants were lively and interacted well with the resource person. However, there was a slight change in the programme as the participants interacted with the resource person during his speech and a separate interaction session was no longer conducted.
- 1.5. Conclusion- The program concluded with a vote of thanks from Shri. N. Kharbani, Feedbacks were collected from the participants through feedback forms and light refreshments were served to all the attendees.



**Picture 1.5.1. A group photo at the end of the programme**

***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** Outreach And Awareness Programme on Science and Mathematics at Mairang Presbyterian Secondary School, Mairang

**Organized by:** Department of Chemistry with the Department of Botany, Physics & Zoology under the DBT Star College Scheme, Synod College, Shillong

**Date:** 08-10-2021

***Supporting document is in the next page***

**A Brief Report On  
Outreach and Awareness Programme on Mathematics  
Venue: Mairang Presbyterian English Secondary School, Mairang**

**Organised by  
The Science Department, Synod college, Shillong under DBT- star college scheme**

**Sponsored by  
The Department of Biotechnology Ministry of Science and Technology, Government of India**

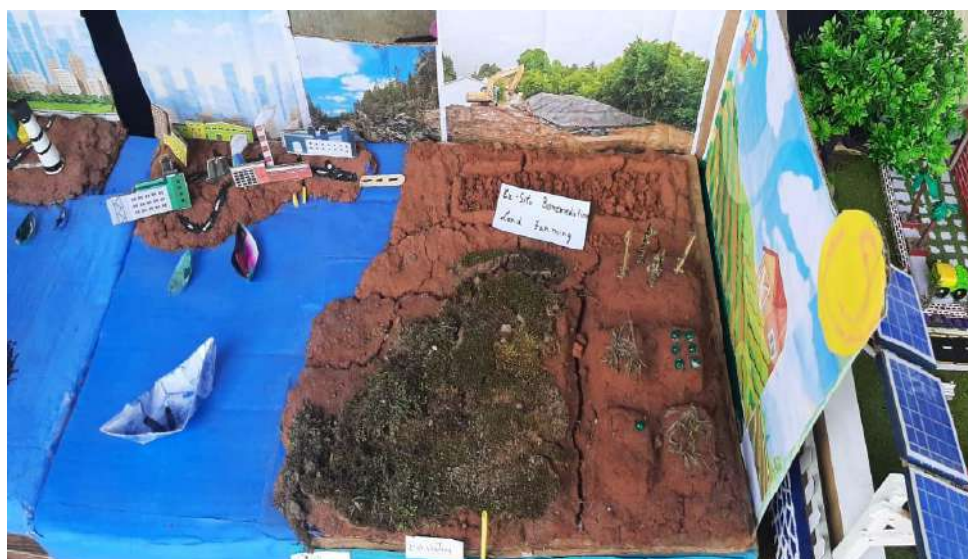
**Total No. of participants: 124**

**Date: 8<sup>th</sup> October 2021**

The Science Departments under the DBT- Star College Scheme, organized a one-day outreach and awareness programme on Mathematics cum science exhibition and science experiments demonstration at Mairang Presbyterian School, Mairang. The programmes was sponsored by the Department of Biotechnology Ministry of Science and Technology, Government of India. Shri. D.L. Jyrwa, Assistant Professor Department of Mathematics, Synod College delivered a presentation of the topic “Shapes, objects and numbers”. He highlighted the importance of Mathematics and also the applications of subject. The presentation was followed by a quiz on the topic delivered which was actively participated by the school students.

Different Science departments from the college exhibited their models and also demonstrated few scientific experiments to the participants. From the Department of Botany, 2 honours students and 2 faculties participated in the programme. The students from the department displayed scientific models on the topic “Bioremediation” exhibited by Ms. Dawanribiang Syiemlieh and “Solar energy” exhibited by Mr. Hasar Mebeth Langstang. Simple science experiments viz., distribution of stomata on a dicot leaf and different types of algae collected from water bodies were also demonstrated to the participants

The experiments and exhibits were beautifully explained and demonstrated to the school students in a simple manner and the students along with the teachers from different schools were seen to be interacting well and questioning the scientific concepts and theories behind the different experiments. Being a rural school with lack of scientific instruments and apparatus, the outreach and awareness programme was immensely benefitted by the students and teachers of this school and other neighbouring schools. It has also created an interest in science and also to gained an in-depth knowledge of science and its applications.



***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** Blood Donation Camp with Gordon Roberts Hospital

**Organized by:** NSS

**Date:** 01-12-2021

***Supporting document is in the next page***



## NATIONAL SERVICE SCHEME (NSS) SYNOD COLLEGE UNIT SHILLONG ANNUAL REPORT REGULAR ACTIVITIES (2021)



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- Organised the Cleaning Drive and visit to the tree plantation site (fencing of trees and weeding) at the adopted village Umdihar on the 14<sup>th</sup> December, 2021.

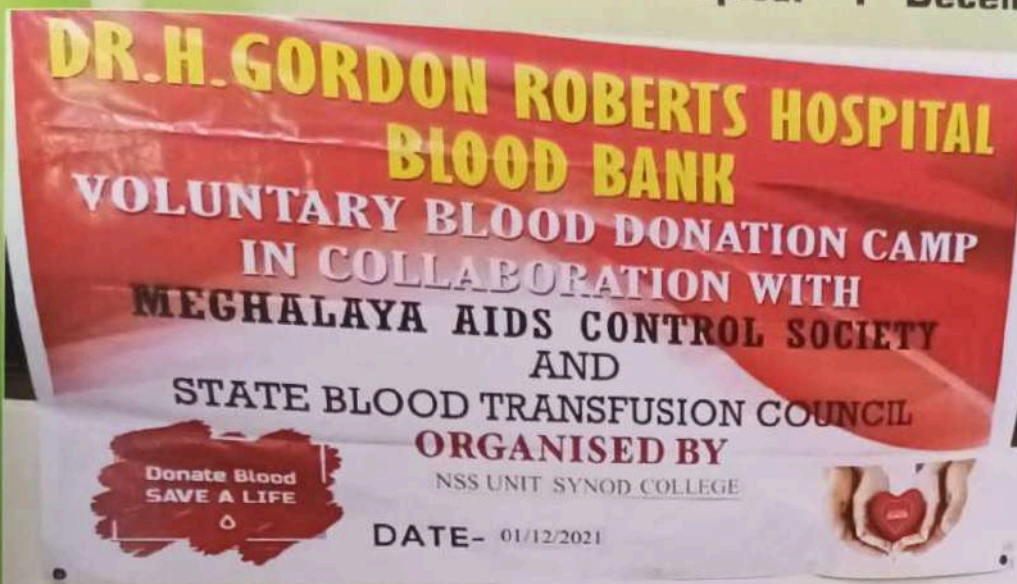
The Unit is sincerely grateful to the Principal of Synod College as well as the teaching and non-teaching staffs of the college for their support and encouragement in many aspects. The Unit is especially thankful to the volunteers whom without their active participation, the programmes would not have been successful.

### Programme Officers

Dr. A. P. Warjri  
Dr. D. D. Nengnong  
Dr. R. Shangpliang  
Mrs. I. Mond



Blood Donation Camp in collaboration with  
Dr. H. Gordon Roberts Hospital - 1<sup>st</sup> December, 2021





# DR. H. GORDON ROBERTS HOSPITAL

(Khasi Jaintia Presbyterian Hospital)



Jaiaw, Shillong -793002, Meghalaya  
Estd - 1922

Tele: 0364 -2548053 EPABX  
2242197 Fax  
2242198 Emergency  
2546699 MS Office  
2548228 NS Office  
2548210 Nursing School

Regd. Under Societies Registration Act XXI of 1860 Vide No. 87 of 1967 - 1968

Ref No: DRHGRH/VORG/150/2021/13518-13519

Date: 1<sup>st</sup> December 2021

To,  
The Principal  
Synod College, Shillong.

(Through the Program Officer, NSS Unit, Synod College)

Sub:- Appreciation letter

Sir,

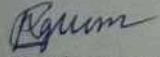
First of all, on behalf of Dr. H. Gordon Roberts Hospital, we greet you in the Holy name of our Lord and Savior Jesus Christ.

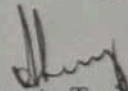
On behalf of the institution, we would like to express our sincere appreciation for your contribution towards the promotion of Voluntary Blood Donation for our Hospital which was held on the 1<sup>st</sup> December 2021 at the college campus. We would like to thank the teachers, staff and students of the college for their support and active participation. Their generous contribution will help us in our effort to save many precious lives.

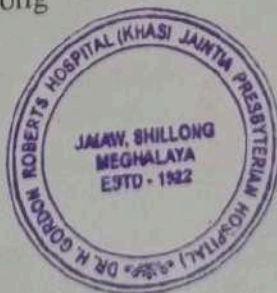
Thank you so much and we look forward to your regular support in the future.

Thanking you and God Bless.

Yours Sincerely

  
Dr. R. Nongrum  
Medical Superintendent.  
Dr. H. Gordon Roberts Hospital, Shillong

  
Dr. A. Tariang.  
M.O, I/C, Blood Bank.  
Dr. H. Gordon Roberts Hospital, Shillong



***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** Cleaning drive and visit to adopted village at Umdihar

**Organized by:** NSS

**Date:** 14-12-2021

***Supporting document is in the next page***



## NATIONAL SERVICE SCHEME (NSS) SYNOD COLLEGE UNIT SHILLONG ANNUAL REPORT REGULAR ACTIVITIES (2021)



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### Programme Officers

Dr. A. P. Warjri  
Dr. D. D. Nengnong  
Dr. R. Shangpliang  
Mrs. I. Mond



**Cleaning Drive and visit to the tree plantation site at Umdihar  
(adopted village)  
- 14<sup>th</sup> December, 2021**





***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** Visit to Mary Rice Centre For Special Education

**Organized by:** Differently Abled Cell, IQAC and Baking Class

**Date:** 21-12-2021

***Supporting document is in the next page***

# BRIEF REPORT FROM IQAC

-Dr. (Mrs.) G. Lyngdoh  
Coordinator, IQAC

On the 21<sup>st</sup> December, 2021, the office of the IQAC, Synod College has been able to hand over a money donation of Rs 25,000 on behalf of the College to Mary Rice School for Persons with Disabilities. The team was led by Dr. (Mrs.) G. Lyngdoh, Coordinator, IQAC and was accompanied by Ms. E. Thangkhiew, Dr. (Mrs.) L. Lyngdoh, Dr. M. Dunai, Dr. (Ms) H. Swer and 3 students from the Baking Class. This was a joint effort of the Baking Class and the office of IQAC for the Differently Able. The money raised was Rs 8,500 from sale of Baked goods and Rs16,500 from funds generated by IQAC. We also handed over the letter from the Principal of the College. The Secretary and Head Mistress of the Centre thanked the College profusely and sent their best regards.





***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** Community Extension Programme titled “Livestock Farming and Mushroom Cultivation as a source of Income: The Need for Training”

**Organized by:** The Extension Programme Cell and the Science Departments under the DBT Star College Scheme

**Date:** 21-02-2022

***Supporting document is in the next page***



# REPORT ON THE COMMUNITY EXTENSION PROGRAMME AT MAWKORBLANG VILLAGE, RI BHOI DISTRICT

Mr. Dame L. Jyrwa  
Member of Extension Programme Cell

**T**he Community Extension Programme entitled “Livestock Farming and Mushroom Cultivation as a source of Income: The Need for Training” was jointly organized by the Extension Programme Cell, Synod College and the Science Departments under the DBT-Star College Scheme sponsored by The Department of Biotechnology, Ministry of Science and Technology, Government of India on 21<sup>st</sup> February, 2022 at Mawkorblang Village, Ri Bhoi District. A total of 53 participants (17 males and 36 females) were present in the programme. The programme started at 11:00 am. The programme was conducted in Khasi language.

The programme was chaired by the Chairperson of the Cell, Dr. W. Kharmawphlang.

**Address from the Secretary of the Village –** The Secretary joyfully welcomed the members of the Cell and other participants to the village in general and the programme in particular. He also highlighted about the village and its socio-economic challenges.



**Speech from the Resource Person –** The resource person Shri. K. D. Kharkrang started with a story of how he gained his expertise in the area of farming. He explained how he first started with low cost pig and poultry farms. Being born to a family of farmers, he told how farming was always in his heart even while pursuing his studies. The resource person mostly talked about the livestock that are commonly reared in Meghalaya.



In his talk about pig rearing, the resource person explained about the two breeds of pigs that are commonly reared in Meghalaya – Megha Pig and Britain Pigs. While both these pigs are reared and taken care of in a similar way, he explained that the major difference is that Megha Pigs will yield the same quality of pork even if they are fed only with easily available foods or fodder or even with only bamboo leaves. Regarding, poultry farming, he reminded the fact that most people do not normally rear the local breed of hens as they are more susceptible to infections especially fowl pox. He however says that this should not be the case as infections can be easily prevented by vaccinations or by planting Jaiur (*Zanthoxylumrhetsa*) or lemon grass near the poultry barn to reduce the infections.

The resource person also expressed his concern about how the beauty of the village is destroyed by deforestation for charcoal making activities. This is when he explained about mushroom cultivation. He explained in brief about mushroom farming, in particular about the types consisting of shiitake, oyster and button mushrooms.

**Speech from the Chief Guest –** The BDO, Shri. Raja Brahma who was the Chief Guest for the programme expressed his pleasure that the Cell is organizing the programme in the block and says that any programme coming from outside of the Block Office is always welcomed. He is also delighted that the resource person Mr. K. D. Kharkrang is not only imparting theoretical knowledge but also practical knowledge to the people of Mawkorblang. The BDO assures to assess the reality of the situation of the village at the ground level and find ways of how to fill in the gaps. He stressed that there is a need for proper coordination between the village and the block office in order for the schemes to be implemented





**Demonstration from the resource person** – Immediately after the speech of the BDO, the resource person started his demonstration of how to cultivate oyster mushrooms. He highlighted the following steps:

- i) Soak the stalk or hay in water overnight.
- ii) Boil the stalk or hay for half an hour in the morning.
- iii) Drip out the excess water from the boiled stalk or hay but it should be left a bit moist.
- iv) The slightly moist hay should then be kept in a plastic bag. But hands and other materials should be sanitised before filling in the bag so that it is free from infections.
- v) At various stages during filling in the hay, also fill and spread out the mushroom spawn (mushroom spawn behaves as seeds) throughout the bag.
- vi) After filling in the bag with hay and mushroom spawn, tie the bag at the top.
- vii) Poke some holes at the top, bottom and side of the plastic bag. Mushrooms will sprout from the holes.
- viii) Tie the bag in a dark shed.
- ix) After 14 days, when the temperature is about 25 degrees Celsius, the first stage of harvest can be done.
- x) When the outside of the bag is completely filled with mushrooms, the plastic bag can be removed and the contents of the bag that is undisturbed can be kept in a dark room and can be watered for 3 to 4 times a day. But this step can be left out and mushroom will sprout nonetheless.

This was followed by the interactive session.



***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** Awareness Programme on Science exposure and celebration of World Water Day -2022 on ground water- making the invisible visible at Cherra Presbyterian Secondary School, Nongsawlia Sohra

**Organized by:** Department Of Chemistry with the Department of Botany, Physics & Zoology under the DBT Star College Scheme, Synod College, Shillong.

**Date:** 22-03-2022

***Supporting document is in the next page***

**A Report on  
World Water Day Celebration  
At Cherra Presbyterian Secondary School Sohra**

**Theme: Ground water making the invisible visible**

**Organized by the Science department Synod College Shillong  
under the DBT-Star college Scheme**

**Date: 22<sup>nd</sup> March 2022  
Time: 10.00 AM - 4.00 PM**

World water Day 2022 was celebrate at Cherra Presbyterian Secondary School Sohra on the 22<sup>nd</sup> March 2022, the science department of Synod College, Shillong under the DBT-Star College Scheme have organized some special activities to commemorate this day. This celebration was held at the School campus. The total number of participants registered and participated in this programme was 303. The celebration was started by the inauguration programme followed by activities such as science exhibition, Model exhibition, painting and extempore speech in which the students of six different schools were participated.

**Inaguration programme:** The inauguration programme was chaired by the Head of the Department Zoology, Synod College Dr. D. Marngar, thereafter Smt. V.M.D Wanbah Principal of Cherra Presbyterian Secondary School delivered a welcome address for the faculties of Synod College, teachers and students from different school and everyone who joined the celebration. On her speech she expressed her pleasure to have the celebration at Cherra Presbyterian Secondary School which happens to be the year that the school itself celebrated the 175 years of journey. This programmed was elucidated by the speech from Dr. W. Kharmawphlang Coordinator of DBT-Star College Scheme Synod College. On her speech she highlighted the importance of water in our life and history behind commencement of World water Day celebration. She presented some thought-provoking on water crisis in our State as well as in the world, practical tips to save water in routine life, the important of ground water as the primary sources of freshwater catering to the domestic and agro needs of our country and ground water depletion. She also emphasized that it is extremely important to preserve and conserve the ground water and that is by preserving our environment and ecosystem. She gave a call that each one of us must do our bit to sustain the environment and ecosystem in order to preserve the water resources and reach the goal by 2030.



Furthermore, she elucidated the project of Synod College on preservation and rejuvenation of spring water in Wahktieh Nongrim and Maraikaphon Sohra. She wishes all the participants who are taking part in various competitions and there after she inaugurated the programme. The inauguration programme was closed with a vote of thanks from Shri. M.D. Wanswett, gratifying the Principal and Vice-Principal of Synod College, Principal of Cherra Presbyterian Secondary School, the chairman of the programme, the Organizing Committee, Dr W. Kharmawphlang for delivering her address and for sharing her brief insight on the theme, teachers and students of various schools, the DBT-Star College Scheme Department of Biotechnology, Ministry of Science and Technology, Government of India for sponsoring the event and for everyone who associated in the celebration.

On this occasion, several activities were organized including model exhibition competition, Painting Competition, and extempore speech related to this special day. Students of class 5<sup>th</sup> to 11<sup>th</sup> from different schools have actively participated in the competition. The number of student who is participating in different activities is as follows: 11 in model exhibition competition, 11 in painting competition, and 7 in extempore speech competition. In addition, 21 students from the Botany, Chemistry, Physics, and Zoology Department, Synod College performed the Science Exhibition.

The celebration was closed with a valedictory programme. The programme was chaired by Head of the Department Physics, Synod College, Mrs. G. Kharsyntiew. Vice Principal of Synod College Dr. M. Rani delivered a valedictory address and explained in brief that water is a precious source imperative for our survivals and he also mentioned the techniques how to preserve and conserve water in order to ensure availability of water for our future generation. The Vice Principal of Synod college and Principal of Cherra Presbyterian Secondary School have awarded a trophy and distributed the certificate to the winners and to all the participants in different competitions. Finally, Shri. N. Kharbani proposed the vote of thanks, he thanked the Principal and Vice-Principal of synod College, Principal of Cherra Presbyterian Secondary School, the chairperson of the programme, teachers and students of various schools, the DBT-Star College Scheme Department of Biotechnology, Ministry of Science and Technology, Government of India for making the programme a grand success.





***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** Extension programme : Brief History of Mathematics: Contributions of renowned Mathematicians relevant to the study of the subject even in the 21st Century

**Organized by:** Department of Mathematics, Synod College, Shillong

**Date:** 29-04-2022

***Supporting document is in the next page***

**FORMAT – REPORT OF PROGRAMMES ORGANIZED BY DEPARTMENTS/CLUBS/CELLS/  
COMMITTEES/HUBS/CENTRES/UNITS/COUNCILS/ASSOCIATIONS**

**PART-A**

**General Description**

1. Title of the Programme – Extension Programme – Brief History of Mathematics; Contributions of well renowned Mathematicians relevant to the study of the subject even in the 21<sup>st</sup> Century.

2. Date – 29-04-2022

3. Venue –Mairang Presbyterian Science College

4. Organizer – Mathematics Department, Synod College

5. Collaborator (s)/Co-organizer(s) –

4. Mode – Offline

a. Platform (in case of Online mode) -

5. Duration of the Whole Programme (in hours/mins) – 2 Hours

6. Number of Resource Person(s) (if applicable) - 2

a. Details of Resource Person(s) and sessions

Sl. No	Session	Time /Duration	Name	Designation/Department /Institute/Centre	Title of the talk/Presentation
1	1 <sup>st</sup>	10a.m -11 a.m	Smt. Irilin Shabong	Associate Professor Dept. Math, Synod College	Brief history of Mathematics
2	2nd	11 a.m- 12 noon	Dr. C. Lanong	Assistant Professor Dept. Math. Synod College	Fibonacci sequences and Golden ratio

7. Total No. of Participants - 68

a. No. of Male Participants -

i) No of Male Participants from the College (Faculty) - 2

ii) No. of Male Participants from the College (Students) -

iii) No. of Male Participants from outside the College –

b. No. of Female Participants

i) No. of Female Participants from the College (Faculty)- 2

ii) No. of Female Participants from the College (Students) -

iii) No. of Female Participants from outside the College –

#### 8. Funding Agency/Agencies

Sl. No.	Funding Agency	Amount (in Rupees)
1	Synod College	11,600.00
2	Department of Mathematics, Synod College	660.00

#### 9. Expenditure

Sl. No.	Item	Amount (in Rupees)
1	Flex	490.00
2	Transport	6100.00
3	Refreshment	5220.00
4	Miscellaneous	450.00
	Total	12,260.00

## Part-B

### 1. Summary of the Programme

At the outset, the chair person Shri.D.L.Jyrwa, introduced the concept and content of the whole programme to the audience which comprised of the Mathematics honours students of Synod College and Mairang Presbyterian Science College together with the faculty members.



The Principal of Mairang Presbyterian Science College, Shri. R.Thangkhiew, gave a welcome address to everyone attending the programme.

The first part of the lecture was presented by Smt. I.Shabong on the History of Mathematics based on the contributions of well renowned Mathematicians relevant to the study of the subject even in the 21<sup>st</sup> Century. The resource person highlighted the works of Rene Descartes, N.H.Abel, Georg Cantor, S.Ramanujan and Shakuntala Devi.





The resource person of the second part of the programme, Dr. C.Lanong presented Fibonacci sequences and Golden ratio highlighting their presence in the natural beauty of creation and architectural buildings of centuries ago which include temples and the pyramids. The interaction with the students and the feedback received is quite satisfactory. The vote of thanks was proposed by Smt. H.G.Laitthma, the Head of the Department of Mathematics, Synod College. In closing a light refreshment was served to all the participants.



**2. Additional information** – The deficit amount of Rupees- 660 towards the expenditure was contributed by the Mathematics department.

***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** World Environment Day Celebration

**Organized by:** NCC

**Date:** 05-06-2022

***Supporting document is in the next page***

## World Environment Day 2022 Celebration by the NCC

Date: 05-06-2022



# World Environment Day

Let's nurture the nature so  
that we can have a better  
FUTURE



I cadet Elizabeth L. Ralte of Synod College from 2nd Meghn NCC  
wish you all Happy World Environment Day.

***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** Yoga Day Celebration

**Organized by:** NCC

**Date:** 21-06-2022

***Supporting document is in the next page***

## Yoga Day Celebration by the NCC

Date: 21-06-2022





***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** Peace March and Panel Discussion with members of the locality

**Organized by:** Department of Sociology and IQAC

**Date:** 12-Aug-22

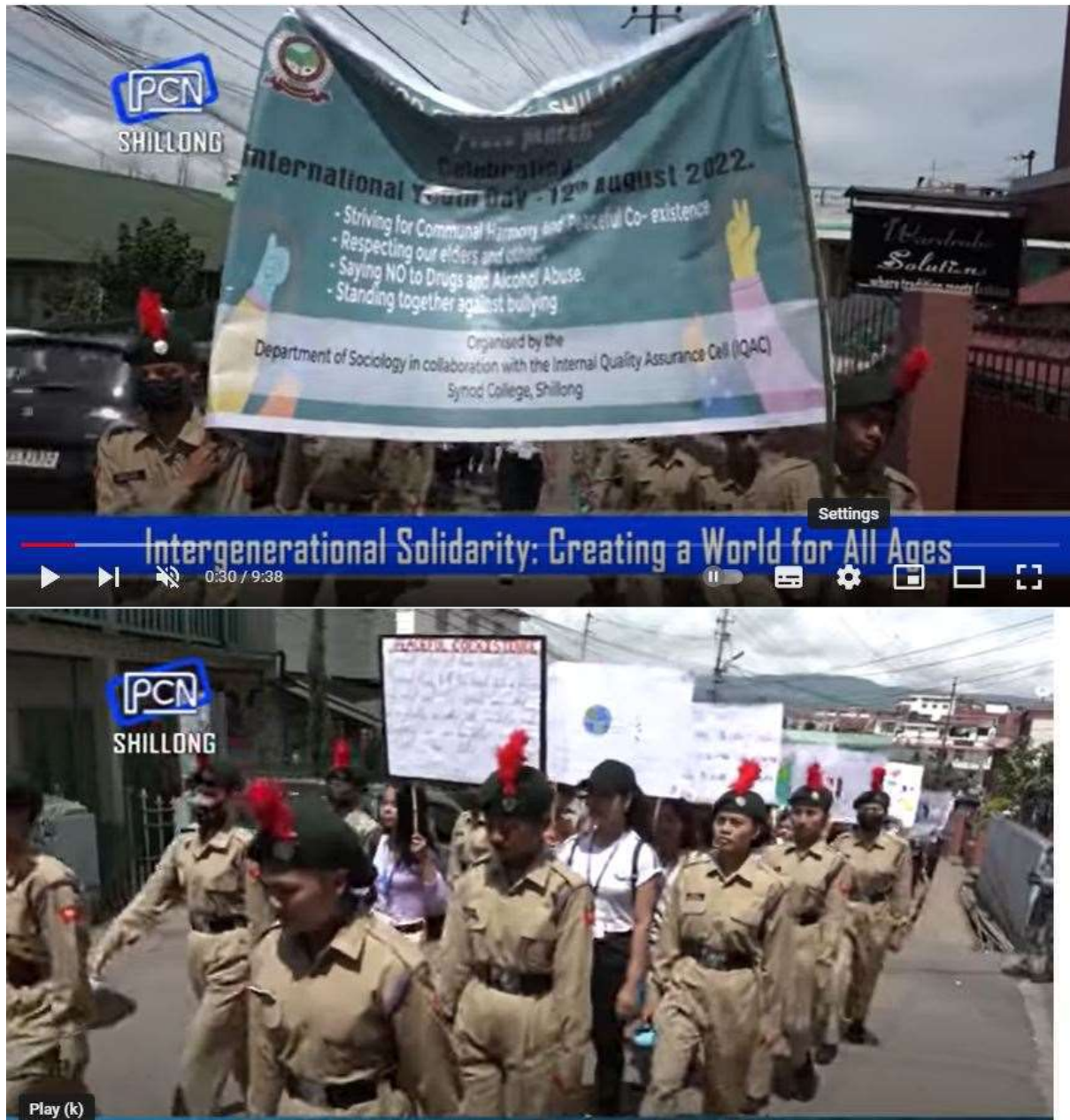
***Supporting document is in the next page***

## International Youth Day Peace March

Organized by The Department of Sociology and the IQAC

Synod College, Shillong

Date: 12-08-2022





Full video: <https://youtu.be/II7f6eMwIII>

***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** Awareness programme on First Aid and blood donation at Kynrud Village, Eastern West Khasi Hills District Meghalaya

**Organized by:** Youth Red Cross Synod College in collaboration with Indian Red Cross Society

**Date:** 22-09-2022

***Supporting document is in the next page***

**Awareness Programme on First Aid and Blood Donation**  
**Organized by Youth Red Cross Society, Synod College, Shillong**  
*in collaboration with*  
**Indian Red Cross Society, Meghalaya**

**Date: 22-09-2022**

**Venue: Kynrud Village**







***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** Awareness Programme on Waste Management and Waste Segregation at Mairang Presbyterian Sciece College

**Organized by:** Science Departments under the DBT Star College Scheme, Synod College, Shillong

**Date:** 22-09-2022

***Supporting document is in the next page***

## Awareness Programme on Waste Management and Waste Segregation

Organized by The Science Departments under the DBT Star College Scheme

Date: 22-09-22

Venue: Mairang Presbyterian Science College





Mairang, Meghalaya, India

HJ3Q+94H, Mairang, Meghalaya 793120, India

Lat 25.553247°

Long 91.638088°

22/09/22 10:58 AM GMT +05:30



***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** Annual Programme of the Youth Red Cross

**Organized by:** Youth Red Cross

**Date:** 28-10-2022

***Supporting document is in the next page***

The following students will be participating in the Annual Day Programme for the Youth Red Cross 2022 organized by the Indian Red Cross Society, Meghalaya State Branch on the 28<sup>th</sup> October 2022 at 10:00 am at Bharat Scouts and Guides campus

**Dance (Group)**

1. Kumbathmu Rani 5<sup>th</sup> Semester Zoology
  2. Katbathmu Rani 3<sup>rd</sup> Semester Zoology
  3. Barisha Warjri 5<sup>th</sup> Semester Zoology
- 1<sup>st</sup> Price

**Dance (Solo)**

1. Wanrikmen Shangdiar 3<sup>rd</sup> Semester History
- 1<sup>st</sup> Price

**Singing (Group)**

1. Sandra Erreen Lyngdoh Nonglait 3<sup>rd</sup> Semester English
  2. Phibapyntngen khatjoh 3<sup>rd</sup> Semester Geography
- 2<sup>nd</sup> Price

**Singing (Solo)**

1. Sandra Erreen Lyngdoh Nonglait 3<sup>rd</sup> Semester English
- 1<sup>st</sup> Price

**Act on Covid Appropriate Behaviour**

1. Aibankmenshisha Lyngdoh 3<sup>rd</sup> Semester Geography
  2. Mebalaaihun Gassah 3<sup>rd</sup> Semester Political Science
  3. Neiniwan Khyrniam 3<sup>rd</sup> Semester Political Science
- 1<sup>st</sup> Price

**Demonstration on First Aid**

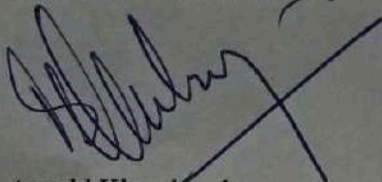
1. Rheidolstar Swer 5<sup>th</sup> Semester Physics
2. Phyrnaimardor Warjri 5<sup>th</sup> Semester Mathematics
3. Jerry Banteilang Nongspung 5<sup>th</sup> Semester Mathematics

**Indian Ethnic Wear**

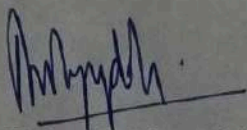
1. Nobleson Syiemiong 5<sup>th</sup> Semester Chemistry
  2. Cassandra Kharlyngdoh 3<sup>rd</sup> Semester Education (PG)
  3. Sweeety Debbarma 3<sup>rd</sup> Semester History
  4. Kashmiri Debbarma 3<sup>rd</sup> Semester Political Science
- 1<sup>st</sup> Price

**Extempore Speech**

1. David Arnold Kharchandy
- 1<sup>st</sup> Price



David Arnold Kharchandy  
Programme Officer,  
YRCS Synod College



Dr. Richard M. Lyngdoh  
Principal, Synod College

***Extension Programmes carried out by the  
Departments, Cells or Committees of Synod College, Shillong***

**Title:** Rastriya Ekta Diwas

**Organized by:** NCC

**Date:** 31-10-2022

***Supporting document is in the next page***

**Rashtriya Ekta Diwas by the NCC**  
**31-10-2022**







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## Moolamyliang Village

May 11, 2022 · 🌐



Lecturers of the Synod College Shillong, Dr RM Lyngdoh, Principal,  
Dr M.Rani, Vice Principal,  
Dr G.Lyngdoh, Coordinator, EQAC,  
Dr I.Wanswett, HOD, Economics, visited  
Moolamyliang village and interact with Shri Apmon Pachiang, Headman, Social Activist (Ex-Student of Synod College, Shillong) in the presence of Dr WR Kharlukhi, MP Rajya Sabha.



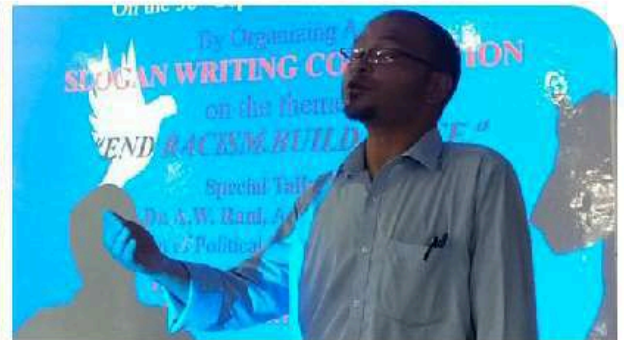




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## NSS UNIT, SYNOD COLLEGE... · 26 Oct 22 · International day on Non-Violence & Peace observed by **NSS - Synod college** Shillong on 30th September, 2022



NSS Unit-SYNOD COLLEGE, SHLLONG  
INTERNATIONAL DAY OF NON-VIOLENCE AND  
PEACE

On the 30<sup>th</sup> September, 2022 (Friday)

By Organizing A

SLOGAN WRITING CONTEST

on the theme

"END RACISM. BUILD PEACE"

Special Talk

Dr. A.W. Rani, A

of Political







