

**REPORT OF THE TWO DAY NATIONAL CONFERENCE**  
**ON**  
**“THE ISSUE OF ELECTRONIC WASTE: ENVIRONMENTAL CONCERNS,**  
**MANAGEMENT AND OPPORTUNITIES FOR ENTREPRENEURSHIP”**

**INAUGURAL FUNCTION: 29<sup>TH</sup> SEPTEMBER 2022**

The Two Day National Conference on “The issue of Electronic waste: Environmental Concerns, Management and Opportunities for Entrepreneurship”, organized by The Co-curricular Academic Committee and the Department of Environmental Science, in collaboration with the IQAC, Shillong College and the Meghalaya Basin Management Agency (MBMA) was inaugurated on 29<sup>th</sup> September, 2022 with Dr. M Ampareen Lyngdoh as the honourable chief guest. The Inaugural function was attended by invitees from different government departments, Principals, Staffs and Students from different institutions in and around Shillong as well as those from within the college.

The function started with the felicitation of the dignitaries and Shri P.N. Jyrwa delivered the welcome address. In his welcome address Shri P. N. Jyrwa also gave a brief introduction about the issues that will be dealt with in the Two Day Conference. Highlighting the fact that E-waste management is still very unorganized sector, he stressed on the need of such a platform where people especially students can understand about the various issues related with e-waste and also be introduced to ideas of how e-waste can be an opportunity for entrepreneurship, employment and income generation avenue. This was followed by the principal’s address given by our respected Principal, Dr. (Mrs) E Kharkongor. Dr Kharkongor spoke about the importance of the programme in today’s world where economic development is on the edge of efficiencies and the environment also needs to be conserved. The chief guest then addressed the participants and stated the importance and role of the government and the public with respect to E-waste management and its problems. She also informed the audience about the government initiatives on waste management and acknowledge that plans by learned people towards this government will be of great help but it has to be put in black and white and pushed through the correct channels. Thereafter, Professor D.Paul gave the Keynote addressed he briefly touched upon all subthemes of the conference *i.e.*, Introduction to E-Waste – Causal factors and environmental concerns, Various Issues regarding e-waste, Legal issues regarding e-Waste management, Business opportunities for entrepreneurship in e-waste management and the Scenario in North East

regarding e-waste management and thus set the tone for the rest of the technical sessions. The inaugural function then came to a close with the vote of thanks given by Dr. S Sarma. IQAC coordinator, Shillong College and the singing of the National Anthem led by Dr. J. Biswas.

### **TECHNICAL SESSIONS: 29<sup>TH</sup> AND 30<sup>TH</sup> SEPTEMBER, 2022.**

The Two-Day National Conference on “The issue of Electronic waste: Environmental Concerns, Management and Opportunities for Entrepreneurship” had five technical sessions dealing with 5 sub-themes highlighted below:

- a. Introduction to E-Waste – Causal factors and environmental concerns
- b. Various Issues regarding e-waste
- c. Legal issues regarding e-Waste management
- d. Business opportunities for entrepreneurship in e-waste management
- e. The Scenario in Meghalaya regarding e-waste management

**On the 1<sup>st</sup> Day of the conference, there were 3 (three) Technical Sessions.** The first technical session was chaired by Dr. Balawan J. Mawrie who introduced Professor D. Paul of the North Eastern Hill University, who was the resource person for this session. The session was on “Introduction to E-waste management” and the Professor enlightened the participants on the concept of E-waste. He began his presentation by defining e-waste. He also gave an insight on the sources of e-waste which comprised mainly of the electronics like computers, mobile phones, TV, printers, etc. which are very much in use in our today’s world. The problems associated with these is that they become obsolete in no time, their resale value is extremely un-profitable and a major chunk of these ends up in the landfills. Professor Paul highlighted the different types of toxic chemicals emitted due to E waste disposal and pointed out that some 70% of heavy metals in landfills comes from these electronic wastes posing health hazards. Talking about the scenarios in India, he cited that Greenpeace estimated that some 150,000 tons of e-wastes are produced in India. Meghalaya and Assam produced nearly 500 tonnes and 14,000 tonnes respectively each year. As a closing part, Professor Paul also touched upon the topic of recycling of e waste and its entrepreneurial potential. He stated that India recycled only 20% of the e-waste and much of this (95%) is done by informal sector. The refurbished e-wastes are then sold in the second hand market. Also under the “Digital India” initiatives, The Ministry of Electronic and Information Technology (MEITY) has launched a comprehensive campaign on e-waste management and North East India, a big

generation of e-waste has been prioritised. There was a lively interactive session that followed where numerous queries by the students was promptly addressed by Professor Paul.

The second technical session was on “E-waste related issues and prospects in E-waste management”. This session was chaired by Dr. Tiewri. L. Nonglait and Dr. Paromita Chakraborty from SRM Institute of Science and Technology, Chennai was the resource person. Dr. Chakraborty began by thanking and acknowledging the various resource persons and faculty of Shillong College for their contribution and hospitality respectively. She then gave an outline of the scenario of E-waste in the developing world, highlighting in particular, the informal sector and the Indian scenario. She spoke about the fact that all gadgets and electronics have a lifespan and that they all trace out a life cycle. Moreover, modern devices are designed to be used for a fixed period of time and that once they’re discarded, they become electronic waste. She stressed the economic potential of economic waste, stating that it was worth over €50 billion. While electronics have been increasing in production and in terms of usage by the public, their lifespans are being increasingly shortened, the amount of waste generated as a result is ever on the rise, and thus the need to recycle as much of it as possible, is greater than ever. She laid emphasis on the gravity of the issue by stating that every year 25 million tonnes of e-waste are generated in Europe and that of this, 150,000-500,000 tonnes enter the ocean annually. Of particular focus are plastics, which constitute 25% of the material components of electronics. These can be recycled to make polymers that can be used to make anything from jump ropes to files and folders. If not recycled or disposed of properly, plastic polymers can release dioxins or dioxin like compounds which are carcinogenic and lipophilic and therefore can settle in a variety of organisms ranging from fish to human beings, embedding themselves even in mother’s milk. Polychlorinated Biphenyls(PCBs) may also be released from electronic waste, which tend to, due to the butterfly effect, be carried by wind over hundreds, even thousands of kilometres. She then stated that 90% of all e-waste is collected by the informal sector and that this can lead to the release a considerable quantity of hazardous waste. The main attraction for labourers seems to be the potential to extract precious metals from the waste.

Dr. Chakraborty then elaborated upon the scenario in India regarding E-waste. She stated that 60-70% of domestic waste is from major cities and that e-waste is recognized by the Swacch Bharat movement as a notable form of pollution. While India does not generate as much e-waste as developed nations such as the U.S., it nevertheless is notable that only 5% of all e-waste in India is recycled formally. This is especially remarkable given that India is second

only to China in terms of processing of e-waste, of which 70% is brought from outside the country. E-waste plastics often contain persistent organic pollutants (POPs) and plastic additives that tend to give shape and durability to a product. When e-waste is processed to extract precious metals, it is often burned and said metals are collected afterwards. The process of combustion of e-waste releases POPs which are carcinogenic and disrupt endocrine gland functions. Cancers, birth defects and fertility issues are on the rise and this may be one of the causes. Moreover, PCBs have been found in mother's milk and the increase in PCBs in the environment may be linked to e-waste according to studies conducted by Dr. Chakraborty in major cities throughout India. 20,000 e-waste workers are exposed to these molecules frequently. Dr. Chakraborty's studies showed that the concentration of harmful organic compounds was found to be high even during the Covid-19 pandemic and resulting lockdown, when production and activity were supposed to be low.

Dr. Chakraborty then ended her lecture by laying emphasis on the need for a sustainable approach to recycling e-waste through for example, the granulation of plastic polymers, and the need to develop hydrometallurgical processes to extract precious metals such as gold from e-waste. After the session, the participants had an animated interaction with Dr. Paromita where their doubts and questions were clarified.

The third technical session of the day was chaired by Shri Bennathanial H. Diengdoh. The topic of this session was on "Legal Issues regarding E-waste management", and the resource person was Miss Priti Mahesh from Toxics Link, New Delhi. The speaker shed light upon the organization she represented and the work that they do. She focussed on the fact that recycling of e-wastes does not give significant benefits. The impacts are borne across several factors in the society. In her presentation she highlighted the environmental and social impacts of E waste management. The environmental impacts some of which include loss of resources, environmental pollution, toxic discharges etc., social impacts include the women and children being employed and disproportionate sharing of gains. She pointed out the fact that the existing linear model of use and throw is not viable. Miss Mahesh informed that the first report on e-waste by Toxic links came out in 2002 and the first formal e-waste recycler in India started in 2005. She discussed at lengths on the timeline of E waste rules, Producer Responsibility, Consumer responsibility and the draft e-waste (management) rules, 2022. She concluded by highlighting more on the keys and objectives to achieving sustainable development goals. The session was then followed by a question and answer session where students shared their views and had an enthusiastic interaction with Ms. Priti Mahesh.

**The second day began with the fourth Technical Session** which was chaired by Miss Kathleen G. Nengnong. This session has two parts. The first part was delivered by Mr. D.B. Prabhu, co-founder, Response waste management and research private Ltd., Mumbai on the topic “opportunities for entrepreneurship in E waste management”. The session was mainly focussed on the problems and solutions to e-waste. Mr. Pabhu began his lecture by hinting on how to transform waste to wealth. According to him the entrepreneurial way is more of a mindset, we need to find problems and turned them into opportunities and through different abilities we can push towards entrepreneurship. He also explained the concept of wealth creation. He discussed the importance of problem identification, solution seeking and value addition as the main ingredients for any successful business venture. The resource person discussed the process of e waste management and the various possibilities of income generation from the e waste sector by highlighting the many factors of aggregate, segregate, reuse- refurbish- repurpose, dismantle and trade and also recycle and recover resources. The solutions of the world can only be put to practice if only there is an economic benefit tied to it. We are still in economic slavery as far as e-waste is concerned. Dr. Prabhu pointed out that recycling is prominent mostly in informal sector. CEREBRA being India’s largest refurbisher of APPLE which is located in Bangalore and it refurbishes materials like laptops which are then exported to Africa. Imported technology is extremely expensive. He also added that metal composition assay laboratories can be set up.

Mr. Prabhu also enlightened the participants on all the different aspects of constructing a successful business plan which contains the essential components like “idea, planning, strategy and success”, and that one person cannot do everything, however a strong team can produce good results and benefits. He also discussed at lengths about the many financing options were also highlighted such as bootstrapping, debt-funding, angel funding, seed funding, venture capital and other financial instruments. He pointed out an important strategy that it is better and essential that plastic waste be managed separately by a different waste management team. Mr. Prabhu concluded his session by focussing on important factors such as cultivating an entrepreneurial mindset, reasons that e-waste business is lucrative and aspects of the e-waste problem. The session ended with a very animated and lively interaction between the participants and the resource persons and interchange of ideas and information between them.

The second part was taken over by Resource person, Mr Frankie Ryntathiang who is the Deputy Manager, MIE/PRIME Start-up Hub, Shillong. Mr Ryntathiang presented an

overview of the PRIME, Meghalaya its functions and operations. He highlighted that this organisation has reached out to many budding entrepreneurs of the state whereby each innovative business has been given a proper platform and approach. He gave a comprehensive account about PRIME, its various goals, opportunities, challenges and engagement with persons with disabilities (PWD) in the state. He also highlighted the entrepreneurship funds and support mechanisms extended to various entrepreneurs in the state. He presented several success stories many of which included women entrepreneurs of the state and encouraged young people to come forward and avail these facilities.

The fifth and final technical session was chaired by Dr. Reema.V. Diengdoh and the resource person for this session was Mr Syed Miraz Ahmed, Director, Terra Matter Initiatives Private Ltd.,Guwahati. In this session Mr Ahmed discussed on the topic “Scenario of E waste management in North East. He enlightened the participants on important matters such as noises of e waste management, the UNEP waste declaration, E-Waste management in India, the position of North East in this matter, the response of states, advocacy and disposal of e-waste and concluded that disposal services should be a global effort. There was lively interaction between the participants and Mr Ahmed at the end of the session.

An inter-college debate competition on the topic – “Electronics improve or worsen students’ learning environment” was organized as part of the Conference, wherein 10 institutions from in and around Shillong participated in the competition. The judges for the debate competition was Dr C. R. Diengdoh, former CDC Director, North-Eastern Hill University, Mrs I. Warjri, Principal of Meghalaya Police Public School and Mr Saurabh Kumar Thapa Software Developer, Ramkrishna Mission Vivekananda Cultural Centre, Shillong. The programme was anchored by Shri L Pariat, Associate Professor from the Department of English who warmly welcomed the judges, the participants and everyone present in the hall. He then called upon the Principal of the college Dr (Mrs) E. Kharkongor to felicitate the judges and after that, handed over the debate to the Speaker Shri Bennathaniel Diengdoh. Every debater was cheered and clapped up for their pleasing presentation and sharp arguments. The competition revealed the views of the students of how Electronics improve or worsen students’ learning environment.

## **VALEDICTORY SESSION: 30<sup>TH</sup> SEPTEMBER 2022**

The Two-Day National Conference concluded with a valedictory function on the 30<sup>th</sup> of September 2022. The function was graced by Dr.(Mrs). E.Kharkongor, Principal of Shillong College, Dr. (Mrs) C.A.R. Diengdoh, Former Director of College Development Council, North Eastern Hill University, Mr. Miraz Ahmed, Director, Terra Matter Initiative Private Limited, Guwahati, Mrs, Mrs. Ibanylla Warjri, Principal, Meghalaya Police Public School, Shillong and Mr. Saurabh Kumar Thapa, Software Developer, Ramkrishna Mission Vivekananda Cultural Centre, Shillong. The programme was attended by student participants from various colleges in and around Shillong as well as teachers.

The function commenced at 4.30 P.M. The programme began with the welcome address being delivered by Dr.E.M.Pala, Joint Convener of the National Conference. While warmly welcoming the gathering she highlighted that the sharing of inputs by various experts must have expanded the horizon of knowledge and opened up new dimensions for livelihood opportunities and other entrepreneurship ideas for the students. She especially thanked the students for their enthusiastic participation in both the conference and debate competition which she highlighted affirms the relevance and meaningfulness of the conference.

The Rapportuer's report compiled by Dr. M.B. Lynser, Joint Convener of the National Conference gave a brief outline on the different sessions delivered by all the experts. The conference was successful in that it brought to the attention of all about a subject though very important and relevant had rarely been talked about in this part of our country. The talks by the different subject experts provided immense information on the proper management of E-waste and the rules and regulations involving E-waste management. More importantly, some to the sessions highlighted the potential of E-waste management from an entrepreneurial aspect which gave the participants a change to look at this sector as a means of livelihood in the future.

Dr. (Mrs.) E. Kharkongor delivered her speech. She expressed that the vast deliberation on various sub-themes made during the course of the Two-Day National Conference has no doubt made it a grand success. Adding that though much has been gained and learned she pointed that much is still left to be covered particularly in terms of awareness when it comes to E-waste management since most people are still yet to grasp the importance of bio-degradable and non-biodegradable waste segregation at their homes. She especially thanked the Meghalaya Basin Management Agency for collaboration with the

College on such an important theme. She further informed the gathering that the college is collaborating with the Government of Meghalaya and MBMA in promoting PRIME (Promotion and Incubation of Market-driven Enterprises) for the students of the College. She sincerely encouraged the students to look at waste as one of the means for income generation.

This was followed by the valedictory address by Dr (Mrs.) C.A.R. Diengdoh. In her address she congratulated Shillong College in all its endeavors and noted that the College had indeed grown by leaps and bounds. She encouraged the college to move on ahead in providing quality education. She fondly reminisced that she always had a good rapport with the College and its teachers and had always tried her best to guide them while she was associated with the College Development Council, North Eastern Hill University. She, like the former speakers applauded the College in choosing a most appropriate subject matter for a National Conference for this part of the country.

The Participants Remarks was presented by Mrs. Rose Lyngdoh, Assistant Professor, Environmental Science Department, Sankardev College. She praised the College for conducting the National Conference on such a pertinent topic. The participants expressed pleasure and gratitude to have heard from eminent and well informed resource people who were indeed experts in their fields. She felt that the careful selection of different themes for deliberation had indeed benefited the participants. K.T. Johnclinton Anal, a 5<sup>th</sup> semester Political Science student presented remarks from the student's point of view. He confessed that at the beginning of the conference, he being from the social sciences, was quite apprehensive of participating in the conference since the theme on E-waste management sounded too technical but that he was glad that all the speakers spoke well in simple terms where all could comprehend the importance and necessity of the said theme.

The last part of the Valedictory function concluded with the prize distribution for the Inter-College Debate Competition on the theme "Electronics improve or worsen students' learning environment". Students from ten colleges from in and around Shillong took part in the intense debate. The Best Team was awarded to Ms. Ivanisha M Kharkongor and Ms. Melissa Kharbihkhiew of Shillong College, the Best Speaker went to Ms. Supriya Neogi of NIT, Shillong and the most Humorous Speaker was bagged by Mr. Mewanshanbor Lyngdoh of MLCU, Shillong. The prize money and trophies were distributed by Dr. (Mrs) E.Kharkongor, Principal Shillong College and Dr. (Mrs) C.A.R. Diengdoh, Former Director of College Development Council, North Eastern Hill University.



## **OUTCOME OF THE CONFERENCE**

The Co-curricular Academic Development Committee, the Department of Environmental Science in collaboration with the IQAC, Shillong College and the Meghalaya Basin Management Agency had organized this Two Day National Conference with an intention to bring to the attention of all the issue of E-waste which has thus far not been given adequate importance and to present to the student fraternity the idea that E-waste can be an opportunity for entrepreneurship, employment and income generation avenue.

The National Conference received overwhelming response with over two hundred students and teachers from 10 Institutions participating in the conference. It was successful in bringing to the attention of the participants about a subject matter that has rarely been talked about in this part of the country. It also enlightened the participants on the impacts and problems of e-waste which has not been commonly addressed in the past. An immense amount of information was deliberated on the proper management of E-waste and the rules and regulations involving E-waste management. The potential of E waste management from an entrepreneurial aspect was also discussed and this gave an opportunity to our participants to look at this sector as a possible means of generating self-employment.

## **RECOMMENDATIONS OF EXPERTS**

### **Institutional Sector**

- Institutions should monitor e-waste generation and inventories them for proper disposal
- Institutes should identify and set up a proper channel of communication with licensed e waste recyclers or collectors for proper management
- Institutes should take the responsibility to authenticate the recyclers/collectors through whom e waste is disposed
- Efficient use of various technologies to minimize e waste generation
- Conduct Awareness Campaigns to educate the community

### **Commercial sector**

- Corporate responsibility for e waste take-back should be implemented
- Implement “right to repair”, development of e-devices that can be easily repairable at a feasible rate.

### **Individual responsibility**

- Minimize the use of electronic devices

- Educate oneself about various policies regarding waste generation
- Repair electronic goods as much as possible
- Follow proper e waste disposal steps

#### Entrepreneurial sector

- Proper research on various business ideas should be conducted
- A group based collection team can be initiated
- Proper understanding and thorough study of markets and processes is essential

Dr. (Mrs) E.Kharkongor  
Principal, Shillong College

Dr. S. Sarma  
IQAC, Co-coordinator, Shillong College

Shri. P.N.Jyrwa  
Convener, National Conference

Dr. D.Vijay Kumar  
Secretary Commissioner and CEO, MBMA

**TWO-DAY NATIONAL CONFERENCE**  
**on**  
**“The Issue of Electronic Waste: Environmental Concerns, Management and Opportunities for Entrepreneurship”**

*Organised by The Co-curricular Academic Development Committee and the Department of Environmental Science, in collaboration with The Internal Quality Assurance Cell (IQAC), Shillong College and the Meghalaya Basin Management Agency (MBMA).*

**Date: 29<sup>th</sup> & 30<sup>th</sup> September, 2022**

**LIST OF DELEGATES**

<b>Sl.No.</b>	<b>Name of participants</b>	<b>Organisation/Institution</b>
1	Ms. Riviana Thabah	Union Christian College
2	Ms. Amesha Baker Lyndem	Union Christian College
3	Ms. Pushpa Sarma	North Eastern Hill University (NEHU)
4	Mr. Dateinam Wahlang	North Eastern Hill University (NEHU)
5	Mr. Ricky Nongdhar	North Eastern Hill University (NEHU)
6	Ms. Loicy Lalhmingmawii	Union Christian College
7	Mr. David Chakma	Union Christian College, Umiam
8	Ms. Nisha kumari Patel	Dispur college, Guwahati
9	Chandani Kumari	Dispur college, Guwahati
10	Dr. Sunita Agarwalla	Dispur college, Guwahati
11	Ms. Snigdha Jonak hazamika	Dispur College, Guwahati, Assam
12	Ms. Rikita Deka	Dispur College
13	Indrani Chandhury Mahante	Dispur College, Guwahati, Assam
14	Ms. Ridonhok Khongsar	State Council of Science Technology
15	Mr. Laresh Reang	UmshyrpiCollege, Shillong
16	Mr. Damangkyrpang lyngba	UmshyrpiCollege, Shillong
17	Mr. Sony Bosco Lare	UmshyrpiCollege, Shillong
18	Ms. Iainehshisha Blah	UmshyrpiCollege, Shillong
19	Mr. Danyson Sawkmie	UmshyrpiCollege, Shillong
20	Ms. Wansaki Lyngdoh Mawphlang	UmshyrpiCollege, Shillong
21	Ms. Twinny Wisteria Lamin	Lady Keane College, Shillong
22	Ms. Elveena Essa Nongkhlaw	NIT, Meghalaya
23	Avneesh Kumar	NIT, Meghalaya
24	Mr. Yash Rajgupta	NIT, Meghalaya
25	Ms. Tanisha Kani	NIT, Meghalaya
26	Mr. Wanshailang Pynrope	Shillong Commerce College,
27	Ms. Ailadlinda L.Mawphlang	Shillong Commerce College,
28	Mr. Lebitikus CH Marak	Shillong Commerce College,
29	Dr. Beula Sharon Challam	Shillong Commerce College,
30	Ms. Aneesha SL	NIT Meghalaya
31	Shivam Pandit	NIT Meghalaya
32	Mr. Lariskhemkupar lawphniaw	Sankardev College, Shillong

33	Erisha Niangmih	Sankardev College, Shillong
34	Ms. Isabel N. Lynrah	Sankardev College, Shillong
35	Ms. Monmane Dkhar	Shillong Commerce College,
36	Alderliefest Pyrtuh	NIT Meghalaya
37	Mr. Wailadmi S Manner	NIT Meghalaya
38	Ms. Cassandra Khonglah	Lady Keane College, Shillong
39	Mr. B.Lyngkhoi	State Council of Science Technology
40	Ms. Jasmine Suchen	Lady Keane College, Shillong
41	ms. Nada Nancy	Lady Keane College, Shillong
42	Ms. Bashisha Thabah	Lady Keane College, Shillong
43	Dr. ublari Shilla	Union ChristianCollege
44	Ms. Rose Mary Lyngdoh	Sankardev College, Shillong
45	Ms. Yetre Tyngkar	Power Grid
46	Ms. Achiti Dey	Power Grid
47	Mr. Jimmy Myrmen	William Carey University
48	Ms. Holisha N Sangma	William Carey University
49	Ms. Lochumi Z Patton	William Carey University
50	Mr. Monu N. Sangma	William Carey University
51	Mr. Malcolm L Mawlieh	William Carey University, Meghalaya
52	Ms. Manosha Synrem	Seng Khasi College, Shillong
53	Dr. Sharalyne Khyremmyli	Shillong College
54	Dr. Ibabitnam Makhroh	Shillong College
55	Ms. Maybecalljane Marbaniang	Shillong College
56	Ms. V.C.S. Dkhar	Shillong College
57	Ms. O.L. Syiemlieh	Shillong College
58	Ms. Darisha Lyngdoh	Shillong College
59	Dr. A. Nongbri	Shillong College
60	Mr. Don Manik Syiem	Shillong College
61	Dr. Babhador Khongdup	Shillong College
62	Mr. Bateilang Mukhim	Shillong College
63	Ms. Ibalarihun Sun	Shillong College
64	Ms. Ibanylla Diengdoh	Shillong College
65	Ms. Medarisha S. Umwi	Shillong College
66	Mr. Tobalyntilang K. Tiewsoh	Shillong College
67	Mr. Shruti Pandey	Shillong College
68	Dr. S. khongwir	Shillong College
69	Ms. Amina Marbaniang	Shillong College
70	Ms. Shembhalin Kharumnuid	Shillong College
71	Mr. S. Kharrymba	Shillong College
72	Dr. Lucy Mary Jyrwa	Shillong College
73	Ms. Mary Diengdoh	Shillong College
74	Ms. Abameda Giri Kharmiki	Shillong College
75	Mr. Smarling Suting	Shillong College
76	Dr. Lathewdeipor Shadap	Shillong College
77	Dr. Barisha Wahlang	Shillong College

78	Mr. pynshngainlang Moksha	Shillong College
79	Ms. Ibakitbokshisha Kharkongor	Shillong College
80	Mr. Don manik Syiem	Shillong College
81	Wandabha C.K.Sohliya	Shillong College
82	P.Khonglah	Shillong College
83	Ms. Amebari kharkongor	Shillong College
84	Dr. Larica Pathaw	Shillong College
85	Ms. Kathleen G.Nengnong	Shillong College
86	Mr. Kareen M.A. Kharsohtun	Shillong College
87	Mr. Sunny B Warjri	Shillong College
88	Dr. Reema Vareen Diengdoh	Shillong College
89	Dr. Aroma Lyngdoh	Shillong College
90	Ms. Dalari Lyngdoh	Shillong College
91	Mr. Jordan R Kharkrang	Shillong College
92	Mr. Jason Marbaniang	Shillong College
93	Banylla Syiemlieh	Shillong College
94	Ms. Darina Kharshandi	Shillong College
95	Dr. Seisami Sumer	Shillong College
96	Ms. Jayanti K.Mishra	Shillong College
97	Mardor Wanri Synrem	Shillong College
98	Ms. L.Phindalariti Lyngdoh	Shillong College
99	Mr. Barometer nongbri	Shillong College
100	Mr. Kolanjunes Diengdoh	Shillong College
101	Ms. Extia Kurkalang	Shillong College
102	Mr. Kenneth Umdor	Shillong College
103	Ms. lateiskhem Kharsahnoh	Shillong College
104	Ms. Camelia Kharsyntiew	Shillong College
105	Dr. Tiewri L.Nonglait	Shillong College
106	Ms. Kyntiewnam Lartang	Shillong College
107	Ms. Indasien S.Warjri	Shillong College
108	Dr. Shngainlang Khongsit	Shillong College
109	Saphinia Lymba	Shillong College
110	Mohanando Rabha	Shillong College
111	Rikmen Syiemlieh	Shillong College
112	Bathewbanjop Nongspung	Shillong College
113	Merrybanshongdor Marthong	Shillong College
114	Emidaka Kharngapkynta	Shillong College
115	Rajkumar Shivaditya	Shillong College
116	Lily Lalremkimi Darnei	Shillong College
117	Kezia Soni	Shillong College
118	Kenneth K Syngkrem	Shillong College
119	Priyanka Rai	Shillong College
120	Everlasting Gympad	Shillong College
121	Linia Marbaniang	Shillong College

122	Yulam Ika Shylla	Shillong College
123	Francis Kharkongor	Shillong College
124	Pangchak D Marak	Shillong College
125	Rakario Chesak Shira	Shillong College
126	Neha Marak	Shillong College
127	Micheal M Momin	Shillong College
128	Biginchi Sangma	Shillong College
129	Brishtend R Marak	Shillong College
130	Titush N marak	Shillong College
131	Banylla Suchiang	Shillong College
132	Iris Wanniang	Shillong College
133	Damanbhalang Lyngdoh	Shillong College
134	Kinmanlang Kharsati	Shillong College
135	Vatika Lyngdoh	Shillong College
136	Insandari Dkhar	Shillong College
137	Iakmenlang Dohtdong	Shillong College
138	Ibanshembha Kharmalki	Shillong College
139	Larikynti Sayoo	Shillong College
140	Pynskhembok Dkhar	Shillong College
141	Hubert Thabah	Shillong College
142	Risanlang Dkhar	Shillong College
143	Teibordame Dkhar	Shillong College
144	Wanpyndapbiang Nongrang	Shillong College
145	SHRI KT JOHN CLINTON ANAL	Shillong College
146	SHRI LAIBORN STRONG MARWEIN	Shillong College
147	SHRI RILEN DAIMARI	Shillong College
148	SHRI ENOCH HRANGFIMTHANG	Shillong College
149	SHRI THANGANING KHAMRANG	Shillong College
150	Kenny Dohling	Shillong College
151	Nitesh Ray	Shillong College
152	Medari Juban Ryntathianh	Shillong College
153	Amit Pokhral	Shillong College
154	Rohit Ray	Shillong College
155	Leslie jones Khongwir	Shillong College
156	Elakyntiewhun Lyngdoh	Shillong College
157	Balaaihun Sohlang	Shillong College
158	Kiran Ngadong	Shillong College
159	Milleniumstar bani nongbri	Shillong College
160	Prabhat limbu	Shillong College
161	Minam Kakki	Shillong College
162	Naphisha J Pyngrope	Shillong College
163	Susila Rai	Shillong College
164	Mithu Chetri	Shillong College
165	Evada-Emi Shullet	Shillong College

166	Melaialam Tyngkan	Shillong College
167	PHILARIKOR MAWTHOH	Shillong College
168	ERISHA NONGKYNRH	Shillong College
169	BALAPYNHUN KHARKONGOR	Shillong College
170	DALAM MEKI THABAH	Shillong College
171	MARC CRISPIN ANDY KHARKONGOR	Shillong College
172	Christopher Rynjah	Shillong College
173	Augustine Nongrum	Shillong College
174	Yengkhom Leima Chanu	Shillong College
175	Ibasuklang Kharbudon	Shillong College
176	Shamborlang Warjri	Shillong College
177	John Lamin	Shillong College
178	Marem Meontim	Shillong College
179	Eiphanki Tyngkan	Shillong College
180	Jefferson Kharpran	Shillong College
181	Suraj Kumar Debnath	Shillong College
182	Mr. Enrico Swer	Shillong College
183	Ms. Laticia lawphniaw	Shillong College
184	Ms. Naphisaibianglang Marwein	Shillong College
185	Banialambha Khongsit	Shillong College
186	Pynshnainlang Khyriem	Shillong College
187	SDANGWADPHANG LYNGDOH NONGBRI	Shillong College
188	BANTEIBOR SOHSHANG	Shillong College
189	MESHANSKHEM RYNTATHIANG	Shillong College
190	BHABOK SUMER	Shillong College
191	BHAKUPAR NOHWIR	Shillong College
192	Desensius Thangkhiew	Shillong College
193	Bankyntiewshaphrang Syiemlieh	Shillong College
194	Mewanshanlang Khong khnian	Shillong College
195	Eborlang laloo	Shillong College
196	KAMWAKWAH NIANG	Shillong College
197	HAPHADANGAIT BAREH	Shillong College
198	PRETTY NYLLA LYNGKHOI	Shillong College
199	NEWMILLENIU NONGRUM	Shillong College
200	IBANBIANGLANG NONGRUM	Shillong College
201	Dikos star Jaba	Shillong College
202	Manbhalang Hadem	Shillong College
203	Nabeldalín Marthong	Shillong College
204	Bandarisuk Ryntathiang	Shillong College
205	Ristosha Mynsong	Shillong College
206	Banshanbor Thyrniang	Shillong College
207	Hercules Kharkongor	Shillong College
208	Kenny John Thongni	Shillong College
209	Habandajob Kharsati	Shillong College

210	Bhaboklang Suting	Shillong College
211	Pynskhem Lyngdoh	Shillong College
212	Garystar K. Phanbuh	Shillong College
213	Jiltiman Khondup	Shillong College
214	Ibajanai Bina	Shillong College
215	Haphibandapbiangshisha Kharkongor	Shillong College
216	Badarisha Kharnongbok	Shillong College
217	Lamansiewdor Khonsit	Shillong College
218	Da-l-melaai Dhar	Shillong College
219	Meriaka D Kurkalang	Shillong College
220	Rishanlang Nongrum	Shillong College
221	TyngshainskhemKhongshun	Shillong College
222	Suraj Jha	Shillong College
223	Dondor	Shillong College
224	Vivek Rajput	Shillong College



## E-waste management still in nascent stage: Ampareen



By Our Reporter

**SHILLONG, Oct 1:** East Shillong MLA Ampareen Lyngdoh has said that e-waste management in Meghalaya is still in its nascent stage despite concerted governmental efforts since 2009.

Lyngdoh said this in her address as the chief guest during a national conference on 'Issue of Electronic Waste: Environmental Concerns, Management and Opportunities for Entrepreneurship'.

Organised by the Co-curricular Academic Development Committee and the Department of Environmental Science, Shillong College, in collaboration with Internal Quality Assurance Cell (IQAC), Shillong College and Meghalaya Basin Management Agency, the conference were attended by academicians, intellectuals, et al.

Lyngdoh, in her address, contended that deliberations on a pressing issue such as e-waste management are the need of the hour.

She also accentuated the need to organise sensitisation programmes and bring all stakeholders together to address the issue, and called on the organisers of the conference to come up with a comprehensive report on e-waste management and submit the same to concerned governmental agencies so that the issue does not remain confined to academic debates.

As part of the programme, an inter-college debate competition was held on the topic 'Electronics Improve or Worsen Students' which was participated by students from various colleges of Meghalaya.

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Glimpses of the Inaugural Function of the National Conference











Resource Persons of the various Technical Sessions









Glimpses of the Debate Competition which is a part of the National Conference







Valedictory Function