

# ST. EDMUND'S COLLEGE SHILLONG



**THE EDMUNDIAN**  
**2021-2022**





‘FACTA NON VERBA’

Deeds Not Words





# **THE EDMUNDIAN**

## **2021-22**





# THE EDMUNDIAN

St. Edmund's College is one of the premier institutions of the North East of India and Meghalaya in particular. Since 1923, till the present date, St. Edmund's College has maintained its excellence by regularly introducing new courses, updating its infrastructure, achieving the highest academic records and maintaining discipline of the students.

## VISION

St. Edmund's College, Shillong has a vision that is enshrined in the motto of the College: "*Facta Non Verba*" which translates "*Deeds Not Words*". It aims at imparting equitable quality education grounded on the core values of excellence, competition and ideals. The College also stands on the principles advocated by Edmund Ignatius Rice, the Founder of the Institution.

## MISSION

The College endeavours to create a stimulating environment in the Campus through various academic programmes and co-curricular activities in order to develop character, shape personality and build in a sense of social responsibility among our young men and women. As the college prioritises learning, teaching and sharing of knowledge, education is therefore perceived as a potent vehicle that works towards transforming attitudes and mind-sets for the good of one and all in the society in particular and the world at large.





# COLLEGE ANTHEM



SEC FOR ST. EDMUND'S  
LEADERS IN EVERY FIELD  
CHEER ALL CHEER FOR ST. EDMUND'S  
HEROES WHO NEVER YIELD  
PROUDLY FLIES OUR FLAG HIGH  
GOLD, MAROON AND GREEN  
CHEER CHEER CHEER  
FOR ST. EDMUND'S ALL  
CHEER FOR SEC

HERE'S WHERE OUR LIVES ARE MADE  
HERE'S WHERE FOUNDATIONS LAID  
HERE'S WE STRIVE TO PLAN OUR LIVES  
FOR GOD AND COUNTRY





*The Editorial team extends its apologies to the readers for any mistakes that might appear despite our persistent efforts to eliminate them.*



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- Dr Duwaki Rangad
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- Sir Bertrand Dkhar
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#### DESIGN AND LAYOUT:

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#### COVER CREDITS:

Cover Credits Reuben I. Sangma

#### PUBLISHED BY

St. Edmunds College, Shillong

#### PRINTED AT

M/S Print 'N' Publish  
Shillong

#### COLLEGE ADDRESS

Address: Old, Jowai Rd, Laitumkhrah,  
Shillong, Meghalaya 793003  
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# MESSAGE



I would like to congratulate the Principal, Dr. S. Lamare, the Vice Principals, the Dean, the Heads of Departments, the entire Staff and all the students for reaching yet another milestone, which is captured in the St. Edmund's College Magazine, The Edmundian, 2021-22.

It is no small achievement to emerge from the influence of the pandemic and pick up the pieces of academic life. There was a lot of re-learning that had to be done - shifting from Online and Blended modes of learning to being once again in the confines of the classrooms. These challenges were not just for the students, but equally daunting for the Teachers, who had to discover new ways of catching the interests of the 'digital' students. Not least of all were the adjustments of the evaluation system - might I add, the preference for the online examinations.

Yet through it all, I'd like to salute the Staff and the Students for the major adjustments and the urge for genuine learning that motivated one and all, as evident in the outstanding University results. Congratulations!

My special thanks to the entire Editorial Team, headed by the Teachers and the very focussed Editorial Board, which had the difficult task of taking over the baton for the publication, well into the process. Yet, they have done us proud by capturing the essence of the Edmundian Spirit, in all its forms.

Wishing the entire Editorial Team the very best,

Sd/-  
Br. S. Coelho  
Secretary, GB

# PRINCIPAL'S MESSAGE

Respected Members of the Management, Staff and students,

It gives me immense pleasure to learn that The Edmundian 2021 - 2022 is being prepared for publication. I sincerely thank the Editorial Team and all the contributors to the College Magazine. College Magazine is not only a record of events in the College but it also provides opportunity to staff and students to contribute their articles, anecdotes, poems and other research articles.



We face 2020 with a spirit of Teamwork and it was a testing time for all because it was never expected and we were never prepared. Team work, sharing of ideas and daring to take steps forward made us normalise our activities to a great extent. A word of appreciation to the Management for the way forward in introducing Linways, Staff for the readiness to learn and adapt and especially students in far flung areas who really made efforts to stay connected. It taught us a great lesson that learning takes place when we are face to face and also when we are away from each other in virtual mode we can still learn if we are committed. Let us keep these valuable lessons for life and remember them as we move in life.

The year 2021 continued to be a challenging year and we continued our efforts to continue to learn and adapt to situations whereby we went into a blended mode of learning and again the Staff played an important role and students also adapted to the situations. As a College we took on the challenge and opened our doors especially for



practical and students also co-operated and proved their desire to learn and grow. We had a number of webinars and invited experts from various fields to ensure that the students got the best. We successfully conducted the Science Mela in 2021, advanced Christmas get together and the Edblazon in 2022. The internals were conducted successfully and finally the University examinations were also conducted successfully in 2022. The results of the 6<sup>th</sup> semester in 2022 is a result of the efforts and teamwork we put in and we got 97% pass percentage with 6 departments having 100% pass percentage.

In the year 2022 that is, till May, 2022; in February 2022 we bid farewell to Dr. Radhendu Das, Head and a dedicated teacher of Physics, Prof. Frank Ferry Ropmay, Head and a dedicated teacher of Political Science. In March 2022 we bid farewell to Mr. Bhagat Singh Chettri who had served the College in the Office, Lab Assistant and other jobs for more than 40 years. In May 2022 we bid farewell to Dr. V. R. Rao a dedicated teacher of Physics and who was also looking after the Br. J. N. foley Residence. We are full of gratitude for the services rendered by the above staff towards the College and the different batches of students; we are grateful for the additional contributions they had made in the College. We pray that God blesses them and we wish them a happy retired life.

In 2022 we were deeply saddened by the demise of Mrs. Therisia Nongkynrih who served the College as a security and who faithfully carried out her duties and even expressed that she missed the College while she was suffering a terminal disease. We continue to pray for her family and may her soul rest in peace.

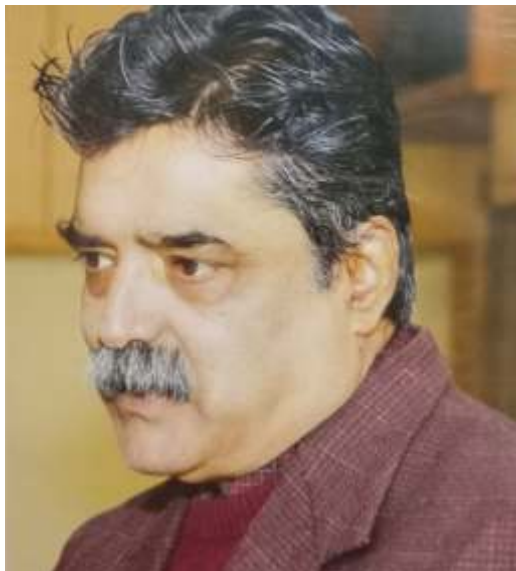
For us in the College the year 2022 is an important year when we will launch the celebrations of the Centenary of the College in 2023. Let us commit ourselves to give our best and let us always keep in mind the motto of our College "Facta non Verba".

God bless you,

Dr. Sylvanus Lamare,  
Principal

## FROM THE VICE PRINCIPAL'S (ADM) DESK...

**A**nother issue of the annual College magazine The Edmundian, 2021-22 is all set to satisfy the curiosity of the aficionado. Following the footsteps of their predecessors a group of highly committed students under the guidance of a select group of teachers led by Dr. (Ms) Anika Shadap had undertaken the job of putting all the loose ends together to ensure the publication of the magazine. To put things into perspective, one must confess that the work for the present edition had started in 2020, but owing to prolonged periods of lockdown and other pandemic related issues, the work had been hampered and a new set of editors and teachers-in-charge had to do the catching up job all the time. Having said that, the editors have left no stone unturned in ensuring that The Edmundian, 2021-22 measures up to the expected standard. On behalf of the entire Edmundian community I extend my heartfelt gratitude to the entire team for their wonderful effort.



St. Edmund's College, you are all aware, is standing on the threshold of her Centenary year (1923-2023). Over the last one hundred years the College has gone from strength to strength in her quest for all round excellence. Academically, the College has scaled incredible heights and has set benchmarks for others to emulate. In the field of other activities like sports and games, art and craft, dance and music, innovation and extension, community and outreach engagements, literary and dramatics, St. Edmund's has always been in the forefront and has very few parallels among the HEIs in the North East of India. Introduction of new age courses like Electronics (1986?), Computer Science (1992?), Biochemistry (first College in the North East to introduce an UG course), Environmental Science (first College in the State to introduce an UG Honours course), Biotechnology, Bachelor of Social Work (BSW/2006), Bachelor of Computer Application (BCA) and Master of Social Work (MSW/2011), have proved to be greatly beneficial to the aspiring students in particular and the society in general. The introduction of these courses also proves that the College, under the visionary leadership of the men at the helm at different times, has been awake of her responsibilities towards the changing demands of time and ready to accept the challenges of a globally relevant curriculum.

As we brace for the celebration (much deserved) of our centenary year, let us all take a pledge to take the College forward, make her achieve newer milestones, let's find wings, splattered with gold, maroon and green, to help us reach for the stars, stars where the letters SEC are inscribed in bold, in gold and in all glory!

Thank you one and all

Long live SEC

Prof. Monotosh Chakravarty  
Vice Principal (Administration)





## MESSAGE FROM VICE PRINCIPAL'S DESK (ACADEMICS)

Dear Readers,

It is a matter of immense pleasure for me to be a part of St. Edmund's College, as its Vice Principal (Academics). I take this opportunity to thank the entire Edmundian fraternity for welcoming me into their midst and, most essentially, congratulate the Editorial team for the stupendous effort of putting together the spirit of the college, in the 2021-22 edition of The Edmundian. The College has a long history of achievements and I feel a sense of pride in expressing that the college will be celebrating its Centenary next year.

The recent past has indeed challenged our will in more ways than ever, simultaneously bringing about change, at a pace like never before. Technology has shown us possibilities in various fields, particularly in the field of Education, thereby hastening the process of a digital revolution. The avenues for learning have broadened in scope, facilitating outreach to geographically distant regions and influencing the nature of demographic variables through academic collaboration. The pandemic has indeed unleashed creativity and innovation, leading to unique and futuristic career opportunities, thereby giving our students a chance to live their dreams. Let us, as a team make those dreams a certainty rather than a possibility!

Our students will always be the core of our college, and our efforts will be directed towards helping them achieve their goals. We put together our energy as a team to motivate our students to be passionate about their dreams and in the process grow as successful and benevolent citizens, contributing positively to the larger community. In this journey, we, as educators and facilitators assure the students of our support and encouragement.

I congratulate the Editorial Board, along with the team of students and teachers whose dedication and zeal has made this edition of The Edmundian accessible to us. The readers need to watch out for a range of perceptive content, from the satirical to the methodical, the mythical to joyfully relatable. Within these leaves, lay the creativity, originality and imagination of our students. It gives me immense pride to experience the spirit of this literary tradition, magnificently echoing the remarkable accomplishments of the college during the past academic year.

I wish all the students and the faculty, the very best!

Dr. KP Pallavi Malhan  
Vice Principal (Academics)  
St Edmund's College, Shillong

# MESSAGE FROM THE DEAN



Dr. Mrs. Baljuda War Nongbri  
Dean  
St. Edmund's College

Dear Principal, Students and all Edmundians.

As Dean of the Self-Financed Departments of St Edmund's College, Shillong, for the last three years, it has been a great pleasure to be part of this esteemed College and to work alongside the Teachers and Educators. A rewarding pointer of the efforts of the Management and Teaching Faculty is the quality of our current students, the students who have graduated from the College with flying colours and those Students who have been placed and are serving in prestigious, responsible positions within our State of Meghalaya, our Country India and in other parts of the world.

The Vision and the Motto 'Facta non Verba' that guides the College as it strategises the courses of action from time to time, is to ensure that our students are being equipped to be leaders in a rapidly evolving and changing world. St Edmund's College is committed to uphold excellence and to provide opportunities for students' success.

The life crisis during the pandemic has compelled the College to make the difficult decision to adopt online mode of teaching and learning, so that the health and safety of everyone – Students, Faculty and Staff – are not at risk.

Now, as the College has come back to a staggered normalcy of teaching and learning, it continues to engage everyone to adjust and to adapt to the new ways of living and learning. Through it all, everyone and especially our dear students have shown remarkable resilience.

I congratulate the 2021 Editorial Team of The Edmundian, for this issue of the Annual College Magazine. To everyone who reads this magazine, may we all be inspired to engage ourselves in living a fruitful life and believe that our College will come out from this time in our history as a better and stronger Institution.

Best Wishes and May God Bless St Edmund's College.



# From the Editors' Desk

**I**t is through creativity that one is able to express and reveal the wonders of one's imagination. Creativity displays itself in a plethora of different styles and forms, it's possibility is endless. The annual College magazine, "The Edmundian" is an embodiment of creativity, it embraces every aspect of what college life is all about. It projects the legacy of the college, the dedication of the teachers, the contributions of the students, and most importantly the untiring effort of the heads of institute and the governing body of the college to make sure that all things run smoothly without any hindrance.

With the necessary help and guidance, the editorial board of the College have had the honour to publish the 2021-2022 edition of the Annual College Magazine, "The Edmundian". This edition of the magazine focuses on the creativity and talent displayed by the students, it highlights their achievements in various fields be it academics or non-academics. It gives an account of the various events and programmes organised in the college throughout the year, one worth mentioning is a feature of the infamous Edblazon in all it's colour and grandeur which was halted the past few years due to the pandemic. Among the new segments, a special feature is highlighted which is solely dedicated to the HODs of the various departments; it serves as a platform where students can get to know their HOD's from a more personal and amusing point of view. Another new section introduced includes information regarding the various clubs and the activities that such clubs partake in.

The editorial board has put in much effort towards issuing the Annual College Magazine 2021-22, the team looks forward for our dear readers to enjoy it's content. We extend our gratitude to everyone who contributed towards making the magazine a success and to everyone involved in the process of its issuance and publication. As a team we have tried our best to ensure the absence of any errors with regards to the contents of the magazine, however if such errors are present ,we would like to express our sincere apologies and will improve our work accordingly on future editions.

Regards,  
The Editorial Board St. Edmund's College



Mekelle J. Kharkongor



Krishna Sharma



Jethro J.R. Jyrwa



Subhankar Deb Roy



Calwyn S. Suchiang



Bartley Noel Dkhar



Denice Shailynti Noronha



Omesa Debbarma

# Know your HOD

## HOD OF ZOOLOGY: DR. RONALD LYNGDOH KUPAR THRON



The HOD of zoology has a wide range of interests, from fitness to playing sports such as football. In his leisure time sir likes to play guitar and bask in the greatness of the likes of Chris Daughtry and Bon jovi. His music tastes also relishes country and gospel. Sir joined the college in 2007 and since then his pride in teaching has always been instilled from the good results his students have given him over the years. Sir describes his post as the head of department to be one that entails a ton of responsibility and non the less a ton of headaches as well, and his message to all his students is that one should learn how to balance everything, one should enjoy being in college and at the same time keep in mind that college is where one builds their future. Balance is key!

## HOD OF BIO-CHEMISTRY : DR. OMARLIN KYNDIAH



Dr. Omarlin Kyndiah has been an integral part of the college's biochemistry department since it's inclusion in 1997 and has completed 25 years of service since then. Outside the daily routines of a biochemist sir enjoys music and John Denver happens to be one of his favourite artists. His hobbies include reading and playing badminton, sir is also intrigued by the rich history of the 'khasis' and 'jaintias' and spends his leisure time by learning more about them, dishes like 'Jadoh' and 'doh khleh' are his favourite. Being the HOD is an "additional responsibility" as described by sir, a post that involves administrative matters as well, and not just teaching. His message to his students is to always work hard, to involve reading as a daily habit and see it as an "exercise for the brain," and most importantly to engage in "discussions" with fellow [classmates.In](#) the words of sir Kyndiah, "pick up a topic and discuss.inculcate the concept of cooperative learning."





**HOD OF CHEMISTRY: MR. SUMIT DEB**

Sir Sumit Deb has been apart of the teaching faculty since the 1st of September, 1992 and from being a pupil to officially teaching here has not only been a privilege for sir but a dream come true as well. The college's ambiance is what sir particularly likes about the campus and reading is his favourite thing to do in the leisure time. His message to his students is that, "be a game changer, the world has too many players, too many captains, the society needs a game changer."



**HOD OF ENVIRONMENTAL SCIENCE : DR. JASMINE T. SAWIAN**

Everyone's favourite environmental scientist, Dr. Jasmine has been there since the inception of the EVS department in 2006 and has watched it grow over the past 16 years now, with each student that passed out and every change that occurred, she has been there to guide it all. Her favourite hobby is reading, one of her favourite authors is David Baldacci and her music tastes include the late 90's pop genre. The campus and its clean environment, the big open spaces, the greenery, all make being in the college a pleasant experience for her. Being the HOD is quite a challenge though she can't help it but love "being the boss." Her message to all her students is to always be kind and respectful to each other and everyone.



**HOD OF PHYSICS : DR. MARPLIEPHAR LYNDEM**

Music has been an important part of life for professor Lyndem and originally growing up with the intent of being a guitarist, teaching however proved to be the better path for him. His favourite memory was when he joined in 1997 and coming a long way since then, professor Lyndem has completed almost 27 years of teaching now. "uneasy lies the head that wears the crown," is how he describes being the HOD and his message to all his students is, "enjoy life, enjoy life in a way that benefits you and does not harm others."

**HOD**  
*Know your*

**HOD OF ELECTRONICS : DR. D. R. CHOUDHURY**



Back in 1981 when he started out as a student, Dr. D. R. Choudhury has had a long, closely knit history with the college for 35 years now. He has watched the electronics department grow over the years and has played a pivotal role in shaping it into what it is today. "Pride and privilege" is how he describes his position as the HOD and to have colleagues which he refers to as a family makes the whole experience worthwhile, to guide them and also learning from them through each step and challenges that they face. Outside the heavy workload sir finds a sense of peace through gardening and his love for animals and taking care of them. His message to all his students is that, "the world is competitive, you'll have to work-hard, there is no shortcut. Ups and downs are there in life but there is always a light at the end of the tunnel and most importantly, always be grounded and humble and do not give way to ego."

**HOD OF BIO-TECHNOLOGY : DR. SAMRAT ADHIKARI**



An adventurous nature at heart with a passion for science is probably the best way to describe Dr. Samrat Adhikari. From trekking to fishing and even carpentry, sir has a diverse range of interests and is a keen traveller as well. Having joined in 2006 and now nearly after 18 years of teaching, sir has managed and watched the department of bio-technology grow into this sophisticated centre for research and development, and to be apart of all its day to day moments is something that sir cherishes and is grateful for. Despite the vast experience sir has acquired over the years, sir describes his position as "still learning" and emphasises on the message to always work hard towards your dreams.

**HOD OF COMPUTER SCIENCE : DR. SAJID NAGI**

Dr. Sajid Nagi is undoubtedly a true edmundian, from being a pupil of the school to being one of the most respected teachers on campus, this 40 year long journey has allowed sir to witness every noticeable change that occurred in the campus and its grounds.

**HOD**  
*Know your*



An interesting conversationalist all the way, as he brings out this charm and humour which all seems so natural. His hobbies and interests particularly involve fitness, and powerlifting is his favourite sport. Throughout the many instances of teaching, and not just to students but at times even to teachers, there have been moments of fond laughter and humour which will forever stay with him. His message to all his students is, "always give your best, no matter what you are doing or where you are."

**HOD OF BOTANY : DR. SANJIBAN GOSWAMI**



As humorous as he is kind-hearted, Dr. Sanjiban Goswami is undoubtedly one of the nicest personalities to have on campus, from his love for botany to his pride on having such wonderful students, sir instills nothing but positivity and cheer from his job. His hobbies include various types of art: painting and scientific model-making to name a few. Having joined in 1998 to 25 years later being the HOD, his post as the HOD is something that he loves but unfortunately being the HOD also means that one must attend to more clerical workloads, and at times this makes him detached from botany and his passion for it. His message to all his students is, "everybody may not be brilliant, everybody may not be rich, but everybody may be a good human being."

**HOD OF MATHEMATICS: MR. DIPANKAR DEB**



Prof. Dipankar Deb leaves no room for error, much like every mathematician, he is precise and focused which is reflected onto his day to day activities. Prof. Dipankar Deb joined the institute in 1994 and the day when he was first referred to as sir, is a moment he will forever cherish. Throughout the 30 years that sir has been apart of the campus he has observed substantial changes, places like the coffee corner and functions such as the various sporting events, have witnessed major changes and are some of the things which sir particularly enjoys about the campus. Being the HOD first came as quite the shock to sir due to his young age at the time, but irregardless, he rose up to the challenge and gradually led him to being well acquainted with the post. His

**HOD**  
*Know your*



message to all his students is,"growth leads to success."

**HOD OF COMMERCE DEPARTMENT : MR. GOUTAM DEB**



The HOD of Commerce joined college as a lecturer in 1998, he enjoys teaching and considers it his passion. During his leisure time, he would travel, read and participate in social-work activities. He enjoys old classical songs. His fond memories of college includes his association with the students during college weeks, the Platinum Jubilee celebration and staff picnics among others. He has a liking for Bengali dishes especially fish. The greenery and the homely atmosphere of the college are described by him as his favourite part of the campus. His proudest moments in his years of teaching are when students excel academically be it in the degree examination or Chartered Accountant exam. He strives for Unity and teamwork in the department and as words of encouragement to the students, he stated "work hard, do well, make the institution and department proud"

**HOD MASTER OF SOCIAL WORK (MSW) : DR. RITUPARNA RAJENDRA**



Dr. Rituparna Rajendra reminisces her old staff room and the staff common room which is now the vice Principal's Administrative conference room. According to her, the concept of seniority and juniority is not present in the college, she feels a sense of equality and belongingness. She joined the college as a lecturer in 2007 and her fond memories include her first class where the overwhelming feeling of teaching was compared by her to that of appearing for an exam. The HOD of MSW favours old Hindi songs and is really fond of Biryani. With regards to spending her leisure time, she travels which helps her explore new places, she reads novels mainly Bengali novels, thrillers, adventure stories and biographies. Being the HOD, she has a sense of extra responsibility and caters to it like any other duty entrusted on her. She encourages the students to do what they like in life but while doing so, not to harm themselves or anyone else. She exclaimed "give your cent per cent, you give that and you will get the result"

**HOD**  
*Know your*

**HOD, BACHELOR OF SOCIAL WORK : MRS. AUDREY D DOHLING**



Ms. Audrey joined Edmunds in the year 2007, and considers herself as the 'pioneer' of the department as St. Edmund's College under NEHU was the first to start a course on Social Work. She describes herself as an outdoor person; she played basketball and was into athletics before she became a lecturer. Over the years her hobbies transcended, she is now fully engaged into taking care of her students and counseling them. Currently, she's taken a liking to the 90s era of music, particularly Latin American music because of the nature of the beat as she loves to dance. She has a special liking towards Chinese, Naga and Khasi food. She describes her most memorable moment in the college to be the time when she first joined, the homely atmosphere of the common staff room and the warmth she received from the teachers is something she remembers till date. The college's greenery and cleanliness that is usually not found everywhere is what she specifically likes about the campus. She describes the role of HOD as burdensome but at the same time is the best opportunity. Her message to the students is to live life to the fullest, to divide their time and know their boundaries.

**HOD COMPUTER APPLICATIONS (BCA): MRS. SARMISTHA DEB.**



Ms Sarmistha Deb is passionate about traveling, spending time in nature and capturing moments. She also participates in volunteering activities teaching underprivileged children. The greenery surrounding college, strong alumni association and active student activities are a few of the things she likes about the college campus. As the HOD she has the responsibility to lead, manage and develop the department in order to achieve the highest standards of excellence in the department. She encourages students to learn new things and acquire new skills. As a message of encouragement to the students she stated "Do not give up no matter what, always try just one more time and success will be ensured"

**HOD, KHASI DEPARTMENT : MR. BOBBY S. BASAN**

Sir Basan has been a part of the teaching faculty since 1<sup>st</sup> September, 1997. His hobby includes playing football, doing household work and social service. He spends his leisure



time reading the newspaper and helping out at home. With regards to his music taste, he enjoys country and gospel music. His days as a teacher culminated at his first class with his students where he fondly recollects it as being one of the most memorable experience; although he regarded himself as being shy and inexperienced at that time, he was overjoyed by the student's support and cooperation. He feels most proud when students do well in their lives and recognize him after years of completing their graduation. Amidst the concrete structures, he expresses his fondness of the green surroundings of the college. Jadoh and Dohkhleh are dishes that he relishes the most. An "Honour" is how Sir Bobby regards being the head of the department. His message to all his students is to work hard, be sincere, trust in God and be a good example to others.

**DEPARTMENT OF GEOGRAPHY: MR. O.M. KHARMAWPHLANG**



Having received the title of the 'Best teacher', Sir cherishes his 32 years of teaching career in St. Edmund's College. Sir is extremely fond of traveling and enjoys listening to instrumental music, along with a sweet interest in country music; also revealed his interest for soft music over the contemporary rock music. He defines his proudest moments being the various times when his students have performed extremely well in their academics and have held the top ranks. He loves the sprawling greenery and the beautiful college campus. He is proud of his faculty members and is happy to take responsibility as the HOD. His valuable message for the students is to take things seriously, as it is the way to survive in this competitive world.

**HOD DEPARTMENT OF ECONOMICS : MR. RAJESH DUTTA**



Sir had joined the institution in 1996. He has special interest in music across all genres, photography and traveling. He expresses his joy in walking into the class everyday and being able to interact with his students. He is proud of his students doing well in their lives. Witnessing the changes in the college campus, reminisces the old college infrastructure and appreciates the greenery of the campus. He has taste for all types of food and enjoys all meals. He believes in team work, both on the part of the students and the teachers in the department. He believes in being true to

**HOD**  
*Know your*



oneself and above all, hard work and the quality of being humble.

**HOD OF ENGLISH : MR MALCOLM. B. T. TARIANG**



Professor Malcolm B T Tariang, the HOD of the English Department joined St. Edmunds in the year 1987. He feels his proudest when he sees his students flourish by putting in effort and working hard. He enjoys a variety of cuisines, "anything from A to Z", but he especially enjoys fish and delicacies from the North East. His message to the students is, "Be yourself, work as hard as you can and always reach for the stars because you can always do better than you think."

**HOD OF SOCIOLOGY : MS FINLEY E.J. SYNGAI**



Ma'am Finley, the HOD of the Sociology Department joined St. Edmund's College in the year 2003. Her hobbies include travelling, going on drives, listening to music and gardening. She listens and enjoys a variety of genres because she believes that as a sociologist, doing so enhances her knowledge and understanding of the workings of society. She loves the blooming flowers of the college campus but she especially loves the classroom atmosphere and energy. Her message to the student is, "There is no substitute for hardwork."

**HOD OF POLITICAL SCIENCE DEPARTMENT: SYRPAILIN LYNGDOH**



Sir Lyngdoh has been a part of the college since 1990. Expressing his interest in watching movies, catching up with the entertainment media and listening to retro music, Sir also mentioned his preferred cuisine, which is Chinese. He expresses his joy in seeing the students having a fun and productive time. Recalling his fondest memory through the years, he made mention of the incident when our former Principal, stepped in the class and engaged with the students, while he was late for class. "A big headache" is how he describes what being the HOD feels like. A message from his end for his dear students would be to live their formative years to the fullest.

**HOD**  
*Know your*

# Adieu



**Dr. R. Das**



**Mr. F. F. Ropmay**



**Dr. V. R. Rao**

The influence you have had as a great teacher on your students will always be remembered and cherished. Your dedication and sacrifice to the institution is greatly appreciated. We wish you a healthy and a joyful retirement life ahead. Thank you for everything!

# HIGHER EDUCATION IN MEGHALAYA: ISSUES, CHALLENGES AND SOLUTIONS

Bartley Noel Dkhar

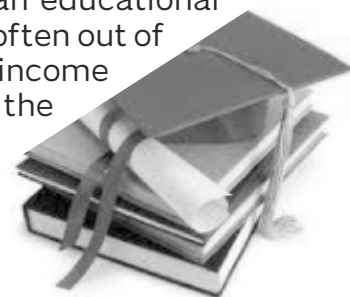
In lieu of the progressive rate of growth and development, there has always been a common consensus regarding the notion that education not only acts as a catalyst to overall development but is the main driving force that influences it. Education is inherently considered to be positivistic in nature and often referred to as one of the means through which homogeneity in society can be achieved.

The Anglican educational structures adorning Laitumkhrach comprising of reputed schools and colleges give us an external account of how Meghalaya has significantly progressed in terms of education. However taking a closer look at the current scenario of higher education in the state, there are numerous issues and challenges looming around.

In order to get a better understanding, we can analyze a scenario. Let us take into account an assumption which comprises of two families from rural and urban households respectively. In the urban household we have a family of educated parents, with their daughter wanting to obtain the best quality of education. On the other hand we take into account the rural

household whose parents are uneducated with a daughter hoping to continue her education to higher levels. In the urban household, the desire for the best quality of education will prompt the educated parents to send their child out of the state owing to the low quality of education when it comes to higher studies and technical courses, lack of proper college/university infrastructure in the state and most significantly limited options for post graduate courses. On a whole different setting we have a student from a rural household whose parents are uneducated, for them it is more beneficial for their daughter to get a job rather than pursuing a course to further enhance her skillset and knowledge. The challenges here are deep rooted; the lack of proper guidance to help her realize her potential is prominent, the investment required to be admitted at an educational institution is often out of reach for low income families and the

low availability of





ats are only some of the issues.

Clubbing together all the issues and challenges deduced from the two aforesaid situations, the question arises as to what mechanisms should be implemented to fix and improve the quality of higher education in Meghalaya. It is important for the students to get acquainted with the education system in order to gain an insightful knowledge of their interests and goals. Another important step is to facilitate research centers to cater to students when it comes to selecting courses best suited for them, information on scholarships and so on. Another important solution which is mainly the responsibility of the government is to ensure that

scholarships and grants are adequately distributed especially for higher education. More colleges and universities for higher studies with more courses should be set up to provide a broader range of opportunities for the students and lastly, more investment should be made towards improving the education system in the state.

The capability of students to make a difference and their endeavor to reach a desired goal should not be hindered by limited options and lack of opportunities. When it comes to higher education, students should be able to spread their wings and explore the vast spectrum of knowledge preferably available to them at a hands reach.

## BEING A POLLUTER

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**A**s time and tide rolls, mankind is threatening not only its own existence but the existence of other beings as well. People take ruthless actions with no regard to the impact of its consequence on the future. We are not taking into consideration the dangers our actions will impose on the lives of the future generation - our children and grandchildren.

Never have I seen a being as cruel and selfish as mankind! Out of 1.6 million species, no one has ever devoured Nature of its own resources as much as it does. Whatever Nature has to offer, is exploited to the extent that it poses a threat to the well-being of everything around us, which is our sole provider in

the first place.

We, humans, are the main reason that our planet is dying a slow and painful death. The climate is fluctuating. The world as it is, is changing. And not for the greater good!

We need to understand that change simply cannot take place overnight. We need to start living sustainably. Making the world a better place is not a one man's job. Without recognition from the authorities and without the cooperation of the masses, restoration of the ecological balance is practically impossible!

Some of the things that we, as polluters, can help in combating various environmental issues such as



pollution, climate change, depletion of natural resources, excessive generation of waste are reduction of single-use plastic and buying thrifted clothes.

Buying thrifted clothes not only reduces the cause of unnecessary fabrication of new clothing by exploitation of natural resources, but also reduces the generation of waste materials. Being human, we always tend to buy more than what we need. We buy ridiculous amounts of clothes which remain in our closet for months sometimes with the price-tag still intact. Hence, purchasing of thrifted clothes will reduce the pressure on the planet of producing more textile. This will reduce the over-cultivation of cotton, extraction of fossil fuel for the production of synthetic fabrics as well as reduction of the emission of greenhouse gases factored by wool production.

Not only that, but we can also minimize single-use plastic by making efforts to at least try to start using home-made skin care recipes instead of commercial skin care products which come in plastic bottles which will ultimately end up in the landfills. Keeping a cloth bag in hand, which will help eliminate the need to purchase a plastic bag while shopping, be it grocery or clothing. Carrying reusable bottles or travel mugs and containers from home to avoid unnecessary plastic packing while ordering take-away. Alternatively, we can keep on re-using the plastic containers from food packaging instead of just discarding them. Purchasing refills, instead of an entirely new pen or liquid soap bottle, for example.

Moreover, we can also try reducing the in-take of food which comes in plastic packaging, preferably junk food, which serves no nutritional benefit to us so as to reduce the amount of plastic waste generated. We can also opt for paper-based plastic-free decor when it comes to throwing parties which is more sustainable, as paper can decompose within a matter of 2-6 weeks in comparison to plastic which can take up to 200-500 years or more to degrade.

Most importantly, as polluters, we need to learn to respect public property as our private property. We must dispose off waste materials at the proper place and not just mindlessly discard them wherever we want. One of the most common examples is littering around especially whenever we go for drives or picnics in the countryside.

We all start somewhere. We need to tackle the smaller problems first in order to tackle the bigger problem. Though these changes may seem small, it is in these tiny improvements that will help in bringing back a clean and healthy environment that our grandparents once lived in, so that we can also experience living in a pollution free surrounding.

The differences in comparing our surroundings between our grandparents' generation and our generation are poles apart. We can take the 'Wahmkehrh' for example. From the stories being told by my grandmother, I learned that during their time the river was crystal clear in appearance and only natural products were seen floating on it; unlike the present, shallow, dark waterway filled with effluents that it has turned into



now.

But recently, in the year 2017, under a scheme sanctioned by a then local MLA, Smti. Roshan Wajri, with the technical supervision of the Shillong Municipal Board, actions were taken to barricade the surrounding river with jar nets along the 101 area in the locality of Lawmali so as to maintain environmental balance, to make the landscape and at the same time to deter any further pollution of the river. Moreover, the construction of the river was done with the minimal usage of concrete so as to not shift away from the focus of the project which is, sustainability. Even though Wahumkhrah has not been completely restored to its original condition, there

has been a reduction in the pollution of the river caused by the discharge of waste materials into it. This is a perfect example that with the actions taken up by the authorities along with the support and cooperation of the public, results will definitely take place eventually if not immediately.

At the end of the day, I am a polluter. And I need to do my part, to help Mother Nature regain its stability. We need to start from the local level and then move forward unto the next level. We are already too late. So, we must act now. We need to start applying the 3 R's in our life-

Reduce, Reuse, Recycle!





# Nuclear Energy and Climate Change

Anirban Das  
5th Semester  
Department of Physics  
St. Edmund's College

The year 1909 is very significant for India and the world, for it was on the 30th of October of this very year that Homi Jehangir Bhabha was born into a Parsi family in Bombay. He later went on to become the “Father of the Indian Nuclear Programme”. We shall be talking more about Homi Bhabha.

Whenever we hear the term 'Nuclear', we have a predisposition towards thinking about disastrous events like the Hiroshima and Nagasaki bombings of 1945 or the Chernobyl Disaster of 1986. To even think that radioactive substances and nuclear energy can be a viable source of energy, may be considered outlandish. Yet, use of nuclear energy is not only a good option; it may very well be one of the few viable options for mass energy production.

To put things in a very simple way, nuclear energy is derived from atoms. The atoms are split in a reactor and the

energy they release is used to heat water and convert it to steam. This steam is then used to turn turbines and generate electricity. That is a very simplified explanation, but for our intents and purposes, it will suffice. The

biggest advantage of nuclear power is that it does not make use of fossil fuels which means there is little to no carbon emission. Now that is a very significant advantage as excessive carbon emission happens to be one of the biggest reasons for global warming and climate change. About 33 Gt carbon dioxide has been given out in the world this year, most of it from coal and oil. This is a huge amount of carbon dioxide that is being





pumped into the atmosphere, causing catastrophic effects, like global warming. Whilst various innovations are being made in the production of renewable energy, we are facing a brick wall in the form of output. Traditional renewable sources like solar energy, wind energy, biomass etc. are incapable of producing sufficient amounts of electricity. India alone consumed 31.98 exajoules of energy in 2020! And this was after a 5.9% decline in energy consumption due to the pandemic. The rate at which we are consuming energy can only be met by fossil fuels as of now. Therefore it becomes imperative that we find an alternative to fossil fuels for our energy requirements. Nuclear Power may be the required alternative.

The discovery of nuclear fission occurred in 1938 with World War II just around the corner. In 1939, it was experimentally shown that one fission reaction can lead to a chain of fission reactions. This was a groundbreaking discovery as it meant that with controlled, chained fission reactions, energy could be produced. It was the U.S. Navy that first developed practical nuclear power through its S1W reactor to propel its submarines and aircraft carriers. The Obninsk Nuclear Power Plant in the USSR became the first nuclear power plant to generate electricity. It was established on the 27th of June 1954 and produced about 5 megawatts of electric power. Over the years more and more nuclear power plants were established to generate more electricity. Today, nearly 440

nuclear stations have been established which produce about 10% of the world's electricity.

A look into India's history of Nuclear Power generation would be incomplete without looking at the contributions of Homi J. Bhabha. He received his early education in Bombay and then attended the Royal Institute of Science in 1927 before moving onto Caius College of Cambridge University. Having received his doctorate in nuclear physics, Bhabha returned to India in 1938 and began serving as the Reader in the Department of Physics, Indian Institute of Science. It was from here that he started the nuclear revolution in India. He proposed that an entire new institute be created to dedicate research towards the "Fundamental" concepts and problems in Physics such as study of atomic energy. This led to the establishment of the Tata Institute of Fundamental Research (TIFR) in Bombay. He also emphasized on the potential of nuclear energy as an important source of energy generation in India. He strategized a framework to make use of the country's large stash of thorium reserves for energy generation rather than its meager uranium reserves. It was due to his efforts among countless others that India became a nuclear power after many decades. As of 2020, India has 23 nuclear reactors in 7 operational power plants with a combined capacity of 7480 MW. Nuclear power produced a total of 43 TWh in 2020 – 21 accounting for about 3.11% of total power generation in India.



Like trends in many other sectors, the recent trends in the nuclear power sector have experienced innovation too. We are looking for ways to reduce the harmful effects of radioactive fission that occurs in nuclear power plants. Work is being done to create modular, mini nuclear power plants to generate small amounts of electricity. Research of utmost importance is being carried out in the field of fusion for energy generation. As of now, it is not practically possible to produce energy via nuclear fusion as it requires tremendously high temperatures which are usually found only inside the cores of stars like our Sun! If, in the future we are able to harness the power of fusion, we will be able to get rid of a lot of nuclear waste thereby helping us build a sustainable future.

In our quest for development, we humans have burned through the resources of the earth at an alarming speed. Climate change, global warming, ozone layer depletion and pollution are some of the biggest ramifications of our blind march towards so-called 'development'. A moment of collective introspection has been long due for humanity. Now as we begin to think about our actions, we are starting to see incontrovertible evidence that we are destroying our home, the Earth. A very important step towards correcting our ways is to find reliable sources of energy which can



meet the world's demands without having adverse effects on the environment. Nuclear energy is one such source of energy.

# ONCE AN EDMUNDIAN ALWAYS AN EDMUNDIAN



Barsa Yadav  
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Little did I know St. Edmund's would become such an important part of my life. It all started with me joining the St. Edmund's Higher Secondary School. All nervous and scared of how I would make friends and survive in this new environment. I was anxious of being a part of this renowned school.

On the first day I was thinking, it's just two years, and I will get through it. Two years? Within a month I fell in love with Edmund's! I would be dishonest if I say, I have only received education from this institution. Edmund's inculcated in me values and beliefs which changed my outlook on life. Two years felt like a trailer and I was determined to join St. Edmund's College for my Bachelor's Degree.

Soon I began my journey in St. Edmund's College, all excited. First day of college, we were all enthusiastic to begin our college life. Me and my friends reached college early in the morning in order to not be late for our first class at 7:00 a.m. Although, first day was confusing and

new to us, we enjoyed the atmosphere of Edmund's and the reason was simple- the people: the Principal, the teachers, my seniors and my classmates. They are the ones who made me feel proud to be a part of this institution. St. Edmund's College is a blend of academics and enjoyment. Attendance was important, so we were regular in classes.

We were the first batch to have a Freshers' Meet. First chance to dress up in college. All excited we went to the programme and were warmly welcomed by our Department teachers and our seniors. First semester ended soon and college closed for the winter vacation. College resumed in February. In the second semester itself, we wanted to experience what bunking classes felt like; as in the movies it seemed so much fun. We bunked classes and sat in the cafeteria and continued it for a week. Then realized it was boring doing nothing. Bunking was overrated in movies. So I started being regular to classes and it got interesting.



It was then time for the college week- The Edblazon. Being an observer, I did not take part in the events but rather enjoyed seeing others perform.

College week ended and boom Lockdown was imposed because of the Covid-19 pandemic. Schools, colleges, offices and everything else were closed. Everyone thought it would be a break for only a few weeks or a month at the maximum . But little did we know that it would last for years.

Online classes were introduced through various platforms. Our teachers put in lot of hard work to teach every day with the problems of poor network, disconnectivity and load shedding. Despite these, they were always available on the phone for help and guidance . Covid-19 led to the loss of millions of lives. We were all hoping for a cure to the virus so that we could go back to our normal lives.

A year passed and a ray of hope was seen when vaccine was discovered and lockdown was lifted. In the fifth semester, we were allowed to attend offline classes on alternate days with protocols. It was not easy. Many could not attend classes as they were from other states. It was hard for the teachers as well. In spite of this, the teachers made great efforts to take online classes so that everyone could learn.

In 2022, we were getting out of the virtual mode as things were going back to normal. Offline classes started and the joy of learning in classrooms was different. Already in sixth semester, the senior-most students, it was hard for us as we did not get to interact much with

our classmates and juniors. However, our classmates and juniors took part efficiently in the farewell programme of our H.O.D, Sir F.F. Ropmay which was a success.

March came by and we heard rumours about The Edblazon which turned out to be true. Our dearest Principal, Dr. Sylvanius Lamare, organised the college week despite the challenges of the Covid-19 protocols. We all took part in various sports and programmes.

With the end of the college week, we all got serious with our studies. Time flew and soon it was our Farewell. It was at this moment that I realized that my journey in Edmund's was coming to an end. I was emotional thinking about how much I will miss this place and wishing Covid-19 had not taken a year of my college life.

We had our examination and results were out pretty soon. We all came out with flying colours. I got the thing I wanted- I got my education. In fact, I got more than that. I got friends, life lessons and lots of memories that I will cherish forever and I got a family- The Edmundian family. The journey of my life in St. Edmund's was one of a happy-sad relationship where I was happy for all the memories, and sad that this journey is coming to an end. But it is the nature of life-

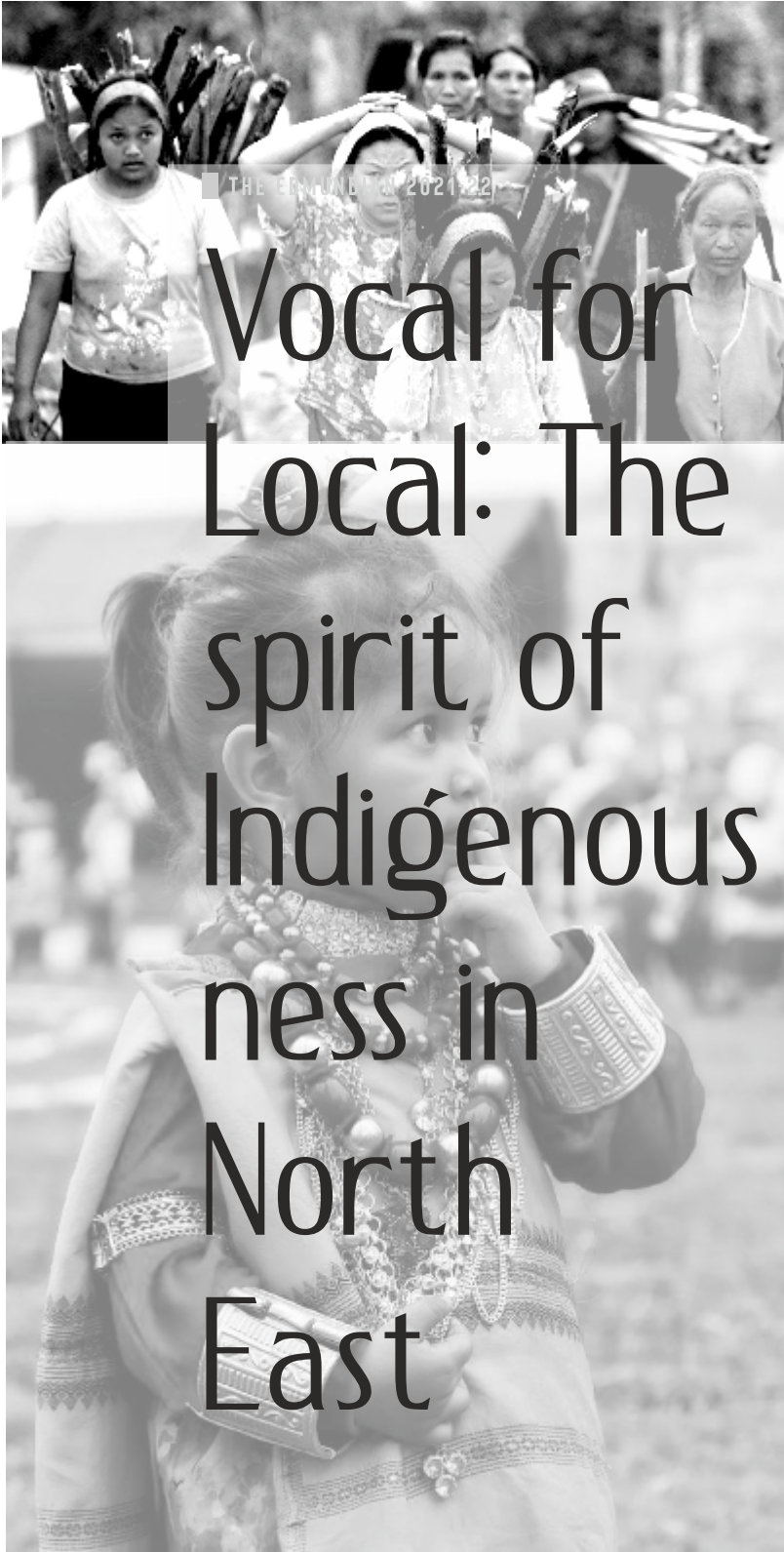
"Everything that has a beginning has an ending"

-Jack Kornfield

And not to forget-

"A corner of your being will forever be Edmundian".





# Vocal for Local: The spirit of Indigeneness in North East

Submitted By:  
Prachurjya Borgohain  
Political Science department  
2nd Semester  
St Edmund's College  
Roll number- 20/POLS/398

We all are aware that India is undergoing a new era of imagination for a National and modern life of commerce and business that is, #Vocal for Local. This new concept can be heard everywhere and is quite famous amongst all of us with words like, go for local, support local and trust local for a self-reliant India.

Being grown up in one of the resourceful states like Assam, it seems to have the potential to become one of the most powerful states in the country. North eastern part of India holds a huge potential to grow from the vocal for local perspective. Also, the different governments of the states in the region had begun establishing global standard tourist centers all around the region to attract more tourists. Indigenous people wholeheartedly welcome this step, as this will help them in boosting their economic activities in the regions right from tourism to traditional handloom practices, bamboo for sustainability and benefits of the local people. The Muga silk of Assam in particular, has already made its presence outside India and has achieved tremendous success all over. Similar is the case with bamboo. More than 90 species of bamboo are found in the north eastern region. The bamboo sector can be a major pillar of ecological, medicinal, paper and building sectors in India.

It is of utmost importance to support communities through capacity building and providing them skill development programs, and technology in order to create opportunities for people in rural

and semi-urban areas. To boost small enterprises, it is the role of government as well as non-governmental organizations to boost small enterprises by helping people in their entrepreneurial journey and build a community of rural entrepreneurs. North east India is already unlocking its potential to the highest level. To say, self-reliance by being vocal for local is inbuilt in the Indian ethos as represented in India's fight for independence. Vocal for local can be strengthened and the success is dependent on the country's youth. It is necessary to observe things minutely and be aware of our surroundings. The mindset of ours should be Voice for Local. We should appreciate our local products. If we don't do this then our products will not get the opportunity to do better and will not get encouraged. This initiative in regards to self-reliance could be a good model for all and will definitely increase the confidence of all the traditional producer and artisan communities.

# BASKETBALL: Its History, NBA, FIBA and Basketball Federation of INDIA

- Samuel L Tlau

Reggie Miller in a game against the Chicago Bulls once said "Michael, who do you think you are? The great Michael Jordan !! There's a new kid on town? " Michael looks at him and starts shaking his head. At the first half of the Game Miller had 10 Points and Michael had only 4 Points. Miller does all his talking while playing. Unsurprisingly at the end of the game Michael had 44 Points and Miller had only 12 points.

As Michael was walking off he said to

Miller "be sure, be careful. You never talk to black Jesus like that"

Michael Jordan is one of the three players, who many credit with ushering the professional game to its highest level of popularity, next to Larry Bird, Earvin "Magic" Johnson. They are the Maradona or Pele of Basketball.

As more youths have gained an interest in the sport. Let us briefly try to capture the history of Basketball, the NBA, FIBA and Basketball Federation of India.

## HISTORY

In early December 1891, Canadian American Dr. James Naismith (1861 - 1939), a physical education professor and instructor at the International Young Men's Christian Association Training School (YMCA) in Springfield, Massachusetts, USA, was trying to keep his gym class active on a rainy day. He sought a vigorous indoor game to keep his students occupied and at proper levels of fitness during the long New England winters. After rejecting other ideas as either too rough, or poorly suited to walled-in gymnasiums, he nailed a peach basket onto a 10-foot (3.05 m) elevated track. In contrast with modern basketball nets, this peach basket retained its bottom, and balls had to be retrieved manually after each "basket" or point scored; this proved inefficient, so the bottom of the basket was removed, allowing the balls to be poked out with a long dowel each time. Naismith called this new game "Basketball" the rules which he incorporated from a children's game called "Duck on a Rock"

The peach baskets were used until 1906 when they were finally replaced by metal hoops with backboards and it had the additional effect of allowing rebound shots.

The Game of Basketball was initially played with a soccer ball later brown balls were specifically made for the game. In the 1950s, Tony Hinkle, was searching for a ball that would be more visible to players and spectators alike, introduced the orange ball that is now commonly used. Passing the ball was the primary means of ball movement.





Dribbling was eventually introduced but was limited by the asymmetric shape of early balls. Dribbling only became a major part of the game around the 1950s, as manufacturing improved the ball shape.

The first official Basketball game was played in the YMCA gymnasium in Albany, New York on January 20, 1892 with nine players and was later decreased to 5 players by 1897 – 1898. The game ended at 1–0; the shot was made from 25 feet (7.6 m), on a court just half the size of a present-day National Basketball Association (NBA) court.

#### THE NATIONAL BASKETBALL ASSOCIATION (NBA)

In 1946, the Basketball Association of America (BAA) was formed. The first game was played in Toronto, Ontario, Canada; between the Toronto Huskies and New York Knickerbockers on November 1, 1946. Three seasons later, the Basketball Association of America (BAA) merged with the National Basketball league to form the NATIONAL BASKETBALL ASSOCIATION (NBA) in 1949.

By the 1950s, basketball had become a major college sport, thus paving the way for a growth of interest in professional basketball. In 1959, a basketball 'hall of fame' was founded in Springfield, Massachusetts, at the site of the first game. Its rosters include - the names of great players, coaches, referees and people who have contributed significantly to the development of the game. The hall of fame has people who have accomplished many laurels in their Basketball career. An upstart

organization, the American Basketball Association, emerged in 1967 and briefly threatened the NBA's dominance until the ABA-NBA merger in 1976. Today, the NBA is the top professional basketball league in the world in terms of popularity, salaries, talent, and level of competition.

The NBA with over 30 Teams has featured many famous players, Old School Players including George Mikan, the first dominating 'big man'; ball-handling wizard Bob Cousy and defensive genius Bill Russell of the Boston Celtics; Wilt Chamberlain, who originally played for the barnstorming Harlem Globetrotters from the early league and more recent famous stars such as LeBron James, Curry, Kyrie often compared to Allen Iverson, Kevin Durant and the Greek Freak, Giannis Antetokounmpo, and Board breaking Shaq, to name a few.

#### Federation Internationale de Basketball (FIBA)

FIBA is the Governing Body of International Basketball Competitions. Founded in Geneva on 18th June 1932. Eight nations were founding members- Argentina, Czechoslovakia, Greece, Italy, Latvia, Portugal, Romania and Switzerland.

James Naismith (1861 - 1939) the founder of Basketball was named as its honorary President at the 1936 Summer Olympic Games, Berlin.

FIBA has organized the FIBA Basketball World Cup since 1950 and the FIBA Women's Basketball World cup since 1953. Both events are held every four years alternating with the Olympics. In

1989, FIBA opened the door to Olympic participation by professionals such as players from the NBA in the United States. At this point, the Federation Internationale de Basketball Amateur became the Federation Internationale de Basketball, but retained FIBA as its abbreviation.

India became affiliated to FIBA in 1936

### BASKETBALL FEDERATION OF INDIA

In 1934, the first Senior National championship was held in different categories. India became affiliated to FIBA in 1936 and the Basketball Federation of India was formed in 1950. India appeared at the International stage by participating at the 1965 Asian Championship led by, Captain Khushi Ram.

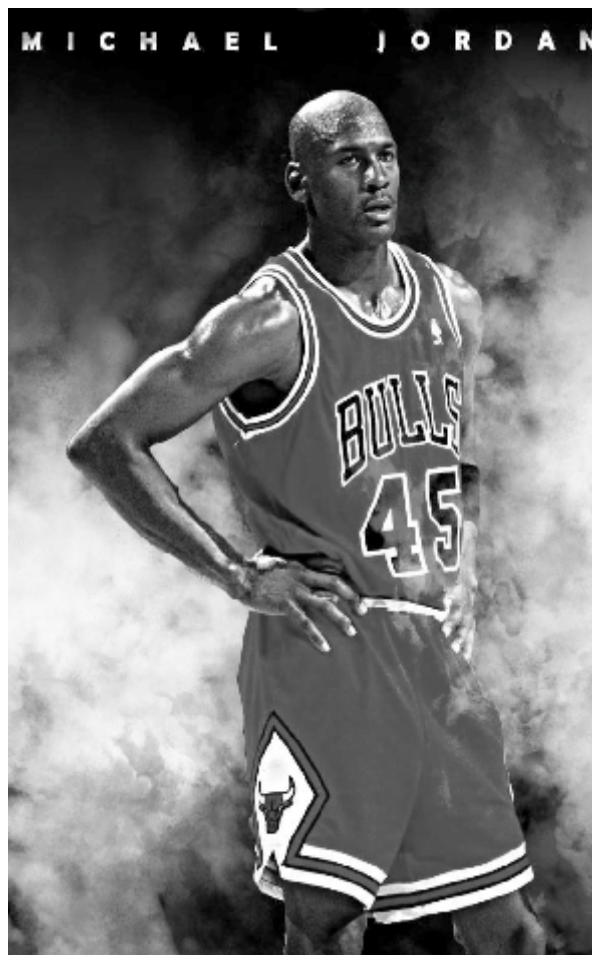
Formed in 1950, the Basketball Federation of India (BFI) is the governing controlling body of basketball in INDIA, and it is responsible for the development and promotion of sports at all levels. Towards this end, the BFI undertakes three major initiatives:-

1. Developing and organizing the National Teams (Senior U18, U16, and U14).
2. Conducting National Championships and Federation Cups as platforms for scouting talent identification.
3. Developing the sport from grassroots upwards through, inter alia, the conduct of coaching certification courses in collaboration with the International Basketball association that is, FIBA, and

organizing the Indian School and College Basketball Leagues.

In Indian Sports, we can safely say that Basketball is next to Indian Cricket, Football, Hockey and Badminton.

1. Reggie Miller talked trash to Michael Jordan once – Jimmy Kimmel Live (YouTube)
2. mymission.Iamission.edu History of basketball pdf
3. FIBA website History
4. Basketball federation of India official Page. History.



# “WE'RE PART OF THE SOLUTION - #FORNATURE”

WE'RE PART OF THE SOLUTION FORNATURE IS BASICALLY THE THEME TO CELEBRATE THE BIODIVERSITY DAY WHICH IS CELEBRATED ON 22 MAY, 2021.

Biodiversity? 'Bio' means life and 'Diversity' means variability which simply means a diversity of life. Biodiversity day was first celebrated in the year 1993, on the 29th of December, with its purpose to educate the people about the importance of biodiversity. Later, this date was changed to 22nd May in 2000. Last year, the theme it was “Our solutions are in nature”. Every year the theme changes but the hope and the motive remain the same. This year the theme is unique because it is being celebrated on online mode due to the pandemic going on. But we should not be lagging behind to make this day memorable keeping aside all the negativity.

Biodiversity is the colour to the world. Without biodiversity, the world couldn't have existed. From this “Biodiversity Day” it's a hope or a solution to bring back our plants, climate, water security, nature etc to its normal position. It also brings awareness among the students. Now talking about the problems, we humans are the main causes of all these natural disasters. We are destroying our biodiversity. The activity of deforestation releases carbon dioxide gas, due to which global warming is taking place. We are not thinking about overpopulation which can be a threat to ourselves in the future. If we lose biodiversity, it will be a threat to the future generation. It says that more than one million of species are about to be extinct till 2050, which is the fastest rate we can't imagine. Also till 2030, the population will reach its carrying capacity, which is really dangerous for human beings.

We talk about the problems, but solutions even if we talk, we don't act on them. It's high time that we should take it seriously and take action. We don't have to start with something big. Individually we can start performing small things like planting trees, buying reusable products, say no to plastics instead of using bags made of cloth. Say yes to reuse! Start making Eco Bricks. And if we really want a big change then we can join an NGO or else form our own group and clean some polluted areas like rivers and mountains which are highly in danger due to the use of plastic. Don't buy products made with animals or endangered species. So there are a lot of things



we can perform in groups and in individuals. During the pandemic, the safest thing we can do is to stay at home but it doesn't mean we should only stay in a closed room; go out in the garden and balcony, make it a habit not only for one day but every day, as it's usually recommended to get out of our own busy time and look around the world.

Now, at the end give a second to yourself, stop what you are doing and take a glance at your surroundings. Lastly, thank Mother Nature for everything.

We have a choice  
We can be the solution  
We are the solution.  
SAVE BIODIVERSITY  
SAVE NATURE

# Fancy Imagination

Dikshita Das  
2nd semester BA  
Political Science Department

I was heading home after spending some time with my friends, it was a little later than usual. As I was heading home, the road was dark and deserted, not a single cab in sight. After waiting for a while I finally found one and was homebound. While I was sitting in the cab I was thinking about how I spent my day and all the conversations I had with my friends. However, a feeling of uneasiness swept over me, my subconscious was warning me about something. Passing by a lake, the cab driver stopped the car, turned around and I looked into his eyes; they were full red as though blood was dripping out. His arms were like a bear's soaked in blood, I asked him "What happened to you? Why did you stop the car?" He answered with an evil smile "I want you to join me!". I screamed, opened the door and started running away; I turned back and there was no one to be seen, then all of a sudden, the rain started to pour, the road was empty and I was all alone. But I felt someone lurking around; scared, I ran away, fell in a drain and hit my head against a stone. I was unconscious. When I tried to open my eyes to regain consciousness to stand up, my head was bleeding. I slowly stood up with the help of a stick and started to walk. As I was walking, I felt a hand on my shoulder, I turned around and saw that it was the same hand as the cab driver; I screamed and started to run, but soon realized that I was circling around the same place over and over, heading nowhere. I was crying, terrified, screaming for help but no one could hear me. Then I turned around and saw the driver chasing me; I ran for miles, I saw a light, it was as though someone was standing there, then I realized that it was my mom who was holding a torch light. She was calling out to me and was shouting "Open your eyes!". I woke up and opened my eyes and realized it was nothing but a dream. And my Mom was shouting "You're getting late for classes!"



# HOBBIES

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Dept of Computer Application (BCA)

What do we do with our free time?

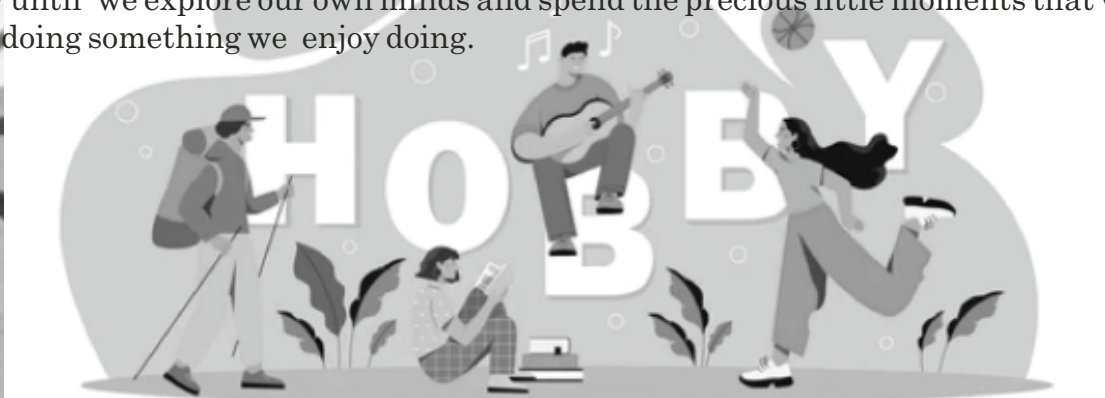
Maybe we will make a quick sketch, press some flowers, or even click beautiful pictures of the sky. We spend our leisure time doing something we love.

Yes, that is what a hobby is, and it comes with many variations!

Is it beneficial? Obviously!

People with hobbies usually have a broader view of the things that pique their interest. Undoubtedly, it makes people more knowledgeable about their own favourite hobby, and as a result they can teach it to anyone who also has an interest in the same topics they do. It also helps to relieve stress and anxiety by keeping you engaged in something you enjoy.

In today's world, we can use our own experience and information on particular hobbies to turn them into something that can actually be of great help to others. Artists who let their imaginations run wild can create platforms where they can teach aspiring minds who wish to improve by being exposed to different kinds of art. That short story that you wrote thinking no one would be interested in lit up a spark in someone's mind, and they actually want to pursue that as a career. We may never know until we explore our own minds and spend the precious little moments that we have doing something we enjoy doing.



# MURPHY'S LAW

## — FROM THE ADAGE POV

- Jethro Jarvis Roy Jyrwa,  
Dept of Computer Application (BCA)  
3rd Semester

Have you ever felt like the universe is against you? Has it ever occurred to you, considering we live in Shillong, that the one day you leave the house without an umbrella, it rains cats and dogs? Or every time you drop a slice of toast, it lands on the buttered side. Or very typically with me, after giving a positive item freely, I abruptly discover an urgent need for that unique item, some days later. We likely think that this is a conspiracy of the universe in opposition to us, however, most of those misfortunes can be explained via Murphy's law, an adage, which says:

"Anything that can go wrong... will go wrong"

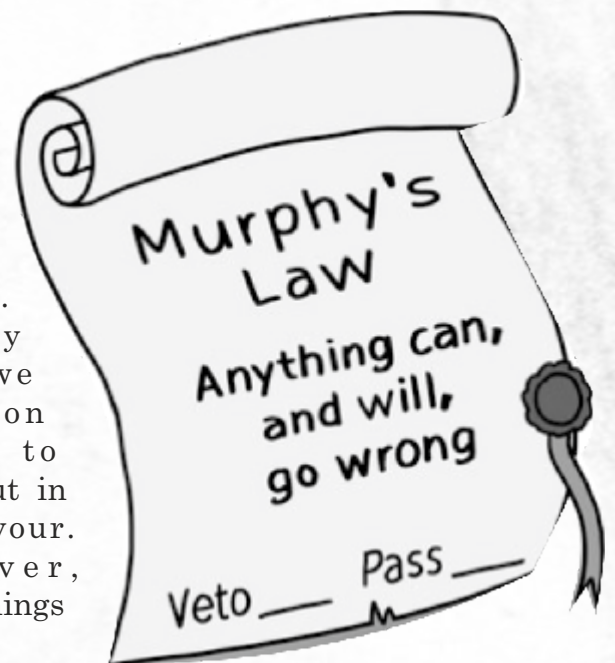
It was in 1949, that Murphy's Law appeared as such thanks to the aerospace engineer Edward Aloysius Murphy, after whom it was named.

And Murphy's Law may additionally just be proper. This isn't due to some mysterious power the law possesses. In truth, it's we who supply Murphy's Law relevance. While lifestyles go properly,

we infrequently shake the table and whinge. In any case, we count on things to work out in our favour. However, while things cross badly, we look for motives.

Think about walking. How many times have you reached a destination and thought, "Wow, I walk really well"? But when you trip and hurt yourself, I'm very sure that you'll wonder why this had to happen to you.

Murphy's regulation taps into our tendency to reside at the negative bias





as opposed to the fantastic. It appears to poke a laugh at us for being such clique containers, and it uses the policies of probability -- the mathematical likeliness that something will occur to assist itself.

You must be wondering how this adage came to be. Well, while Edward Murphy was working on project MX981 (tests to determine once and for all how many Gs -- the force of gravity -- a human being could withstand), and after several failed attempts of the project, Edward inspected carefully the connections of the cables set by his assistant. There were two possible ways of connecting the cables to the sensors and it turns out they were all wrong! Not even one was right. It was at this moment that Murphy said something along the lines of, "If there are two ways to do something, and one of those ways will result in disaster, he'll do it that way".

Shortly thereafter, Murphy headed back to Wright Airfield, where he was stationed. But Stapp, a person who became recognized for his sense of humour and short wit, diagnosed the universality of what Murphy had stated. In a press conference, he mentioned that the rocket sled team's good safety record had been due to the consciousness of Murphy's regulation. He told the press that it meant "Whatever can go wrong, will go wrong". That was all it took. Murphy's regulation turned up in aerospace guides and shortly thereafter made its manner into popular culture, consisting of being made into a book in the 1970s. Since then, the law has been

added to and expanded upon.

Murphy's Law reveals to us our undeniable stupidity; if given a chance to do something wrong, we'll do so around half of the time. But that comes from our own choices. On the other hand, Murphy's Law additionally well-known shows us our loss of control, as in the case of constantly seeming to be caught within the slowest lane of visitors.

However, it should be cited that Murphy's regulation does not prove anything. It doesn't even provide an explanation for something. It honestly states that matters will go wrong. And of direction, our human tendency to change the universe while matters don't move in our manner, to justify how jinxed we are or why the universe is in opposition to us. However, the reality is, if we check out, a lot of these "non-public justifications" have an obvious cause, as has been proved in the years.

At this point, you are likely questioning that Murphy's Law is just a bunch of hoo-ha put on a pedestal by humans for our silly justifications. However, Murphy's Law does find high-quality applications which it facilitates to regain control over certain conditions. It'll most effectively help us do our best so we get a first-class outcome. If you already consider the outcome to be a negative state of affairs, nothing else is going to help you now to not have the negative outcome. And for me, at the same time as making plans for certain occasions, Murphy's Law does come in handy. But recall, don't be a pessimist!

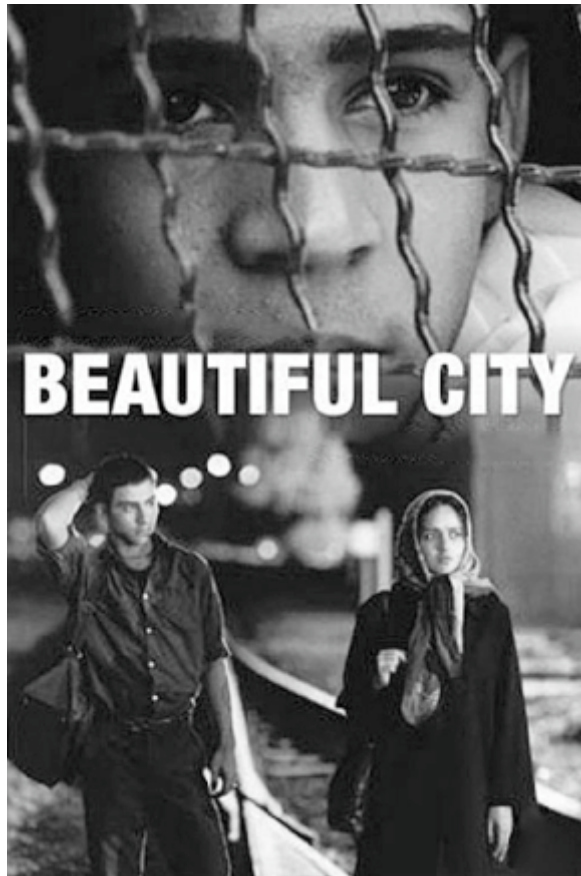
# BEAUTIFUL CITY - SHARING OF FOOD AND FEELINGS

(A movie review)

Kristi Kashyap  
4th sem  
Sociology

Making a decision is a challenging task a person must undertake as it is one of the most difficult conundrums for an individual. A renowned cinematic prowess, Asghar Farhadi's, second feature film, *Beautiful City* (Shahr-e-Ziba, 2004) presents a reflection on compassion, loss, love, revenge and justice; while magnificently encapsulating a certain section of Iranian society and its judicial system. The title, Shahr-e-Ziba, referring to a juvenile detention center, begins and concerns the fate of two young men who have been held there

- Akhbar, a young man about to be executed after two years, for murdering his girlfriend at the age of sixteen and an angry father who is hell bent on revenge and justice for his daughter whom he lost, and desires capital punishment for. But this sentence could be changed to life imprisonment, if the bereaved father, Rahmati, forgives the young man for the horrific crime. With the father being hostile, Akhbar's friend, A'la, and sister, Firoozeh, try to elicit sympathy by raising money for an operation needed by Rahmati's adult step daughter. Now it comes to the father to make a decision if he'll want the blood





money and admit the daughter in the hospital for the operation or not. On the surface, this simply seems like getting the father's consent in order to stop the death penalty, but herein lies the dilemma of weighing forgiveness and vengeance. Farhadi's work tactfully imprisons not only the father's thought process but also the other characters' as well. If one is imprisoned by failing to deliver justice, the other is imprisoned by culture. But apart from the plot, the one scene that resonated with me the most was when A'la, Firoozeh and her infant son sit at a restaurant, making conversations and A'la affectionately offers his last piece of steak to Firoozeh. When she rejects it, to that he says 'Eat it. Don't be shy.' This sparks a moment of innocence between them as she ends up accepting it. This scene is very significant in shaping the characters' arc because Firoozeh being a married woman in an Iranian society that has to follow its doctrines and rules and A'la, just being out of the prison, cannot fall in love with each other or be seen as a couple together. They very well know that these religious doctrines may not offer a solution and don't plan on crossing the line either. But after A'la shares his piece of meat, an epiphany of sorts, hits Firoozeh. Sharing food is a

beautiful and thoughtful action since it adds to the trust, intimacy, love and respect for the ones that you share your food with. It connects people. The initial non-verbal communication of letting someone else eat off your plate shows a deeper connection than one you would have with a stranger. It is an indicator that that person is significant to you, be it your best friend, your sibling, your partner or anyone that you connect to. As the saying goes 'Sharing is caring', it indeed is. It creates a strong and a more comfortable bond even if one has shared it without realising the deep psychological effect. Connections are made over eating food globally. This says a lot about how a simple act of sharing can bring people close to one another. It leaves us a bit vulnerable, a bit soft and a bit tender. So here food symbolically turns or substitutes the intimacy, love and respect that a person yearns for. This results in realisation of Firoozeh's tenderness for A'la, making this the most magical scene in cinema with the accordion playing the background of it all. 'Beautiful City' is a compelling and deep human drama that portrays and demonstrates the emergence of a highly gifted author, who is about to bloom and would foreshadow that will be his best works.





# WHY I JOINED NCC

Cdt Eliezer Benjamin Rynंगा  
St. Edmund's College  
Meghalaya BN NCC  
Shillong Group, NER DTE

I joined the National Cadet Corps (NCC) to pursue my dream in the Armed Forces. It's always been my dream to be in the Air Force and to fly high, and soar through the skies. By joining the NCC, it brings me a step closer to my dream.

NCC teaches us leadership, discipline, unity and confidence. But there are many more great qualities that NCC imbibes in us. Apart from the great qualities that are instilled in us, there are also useful skills that are taught, for example map reading, communication skills, basic defense, etc. For the Armed Forces aspirants, the NCC is the perfect organization for molding yourself for the armed forces. This is the reason why I joined NCC, as it would help in molding me for my future. Getting to know more and more about how the Armed Forces function, getting me ready for courses and life to be less ordinary.

In conclusion, why I chose to join NCC is because it has always been my dream to wear the armed Forces uniform and serve the nation, to be able to stand up

for those who cannot stand up for themselves and to lend a hand in situations when required. And NCC is the perfect way to learn all of these. To be disciplined and united in all spheres of life, just like its motto, Unity and Discipline.





# PRIME TIME



I always thought prime numbers were a bit *odd*, turns out 2 is an exception!

Eratosthenes of Cyrene, a Greek astronomer, mathematician and poet, emerged as the first person to calculate the circumference of the Earth about 2,300 years ago. Among his prime contributions was the *Sieve of Eratosthenes*, a method for generating successive primes. Read along to know how this mathematician's contribution made him a *prime* figure in the field of computing as well.

What are primes? Any integer which cannot be broken down into constituent factors other than 1 and itself is a prime. 7, for instance is a prime, while 8 ( $8 = 4 \times 2$ ) is

not. The great mathematician Euclid long ago established the infinitude of primes. Prime numbers are so called because they are the building blocks for whole numbers. Every integer ( $>1$ ) can be broken down into a product of primes using the prime factorization method we all learnt in high school ( $4 = 2 \times 2$ ,  $21 = 3 \times 7$ , etc.). See if you can add more to the list.

Dabbling with primes is more fun when we observe its imprints in nature. Interestingly, the Cicada insects appear every 7, 13 or 17 years. Mario Markus, a physicist from the Max Planck Institute for Molecular Physiology in Germany explains that

mutations of Cicadas in prime number of years keep them safe from predators like the Cicada Killer Wasp. If the Cicadas mutated say, every 12 years, then killers who emerge every 2, 3, 4 or 6 years would attack them (as 2, 3, 4 and 6 are factors of 12). Inviting Cicadas to deliver a talk on primes may not be a bad idea after all.

Source [Cicada Insect Bug - Free photo on Pixabay](#)

Cryptography is a much talked about term in and out of the computing arena. Sending secret messages that cannot be deciphered by an intruder must sound thrilling to many, and is particularly useful when the message needs to be protected. Most of us are aware of the fact that WhatsApp uses end-to-end encryption. The much powerful public-key encryption algorithm RSA (Rivest-Adleman-Shamir) uses a public-key cryptosystem based on asymmetric keys - public key for encryption and private key for decryption. RSA derives its resilience from primes. This is because multiplying two very large primes P and Q results in a number N that is very hard to be prime factorized. Writing a computer program to break down the product N into P and Q would result in a collection of overly computer-intensive instructions that would take massive time durations, thereby making it very difficult for a prospective cipher cracker to decode N. It cannot be denied though, that quantum computers, if targeted

to break any public-key N down into its prime factors P and Q, could potentially turn RSA into a not so safe haven. That, however, is relatively far in time. RSA has a myriad of applications, from encrypting protected documents to e-banking, e-commerce, MasterCard, digital signatures; we shall stop at that many for now.

The essence of this article, however, is on how to find successive primes. Given the fact that there is no discernible trend that primes follow (or do they, who knows?), how do we generate the prime number Q after a given prime P? People have rote-learned a handful of primes but that is in no way enough to generate public keys for RSA. Computer programs generate large successive primes using the Sieve of Eratosthenes, which, however is very space-intensive due to the nature of the algorithm. Let me introduce to you an alternative way to find primes without having to write the entire range of numbers and cut out composites as in the elementary Sieve method.

Let us say you and your friend play a game, wherein you give him/her a prime number, P and he/she has to find the next prime number Q without using any references. A very simple yet effective method is as follows: 1. Find all integer divisors of P from 2 to P-1. For example, if P=11, the set of divisors would range 2

■ Example.  $P_n = 11$ , find  $P_{n+1}$ .

Table 1. Method to find the prime number after 11.

Divisor	Remainder	Slack = Divisor – Remainder
2	$11 \% 2 = 1$	1
3	$11 \% 3 = 2$	1
4	$11 \% 4 = 3$	1
5	$11 \% 5 = 1$	4

Now, from the list of slacks, the first missing even number is 2.

Thus, next prime number  $P_{n+1} = P_n + \text{first missing even number}$  = 11 + 2 = 13.

Interested readers can code this method into a computer program and use it to generate very large primes so as to create public-keys that can be fed into RSA for data encryption.

There is much ongoing research to understand prime number patterns, centered mainly on the Twin Prime Conjecture, Riemann Hypothesis, Prime Counting functions and so on. To have fun with primes, we need to begin by acknowledging that primes are a beautiful phenomenon and a mysterious gift of mathematics to the field of computing.





# ASCENDING NECESSITY OF COMPUTERS CASTS SHADOW OVER UNDERPRIVILEGED COMMUNITIES

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B.A Economics  
2nd Semester

**A**fter witnessing the wonders of computers and smartphones the answer to the question 'Can you imagine your life without computers and smartphones?' is a humble 'no!' Why not? As the celebrated dialogue by the Indian actor Rajesh Khanna (movie-Anand 1971) mentions that life should not be long, rather it should be great. Through which we understand the significance of the element of being limitless in our lives. In the present times, it is these computers and smartphones that have a significant contribution in making our life rich and limitless. The idea of the world being a global village has come to place only with the advent of computers and smartphones, which uses the Internet and connects the entire world. Amidst all the excellent gains there exists, the immeasurable negative impact which the advent of these gadgets has upon the underprivileged communities. They contribute to the population in sizable amount yet, they do not form a part of the so-called 'global village' which is largely connected through the gadgets. Computers and smartphones, considering the present

pandemic situation are a definite necessity and we simply cannot do without it. However, the impact it has on the underprivileged communities is exigent.

Workplaces and education sector are among the two most notable places where the significance of computers can be noted. In the challenging times of the ongoing pandemic, it was these gadgets that maintained continuity in work and education-online, which had come to a temporary standstill; due to disruption in physical interaction. Work from home culture expanded worldwide. Students and teachers shifted their entire learning and teaching process to computers and smartphones. "Access to computers and the Internet has become a basic need for education in our society" says Kent Concord.

Leisure time of most people is spent mainly on computers and smartphones whether it's watching a movie, playing games, vlogging, learning, gaining information, everything was just one search away on our electronic machines. Connecting to our loved ones or anybody else in real time was possible only through smart phones despite of the physical



distance. The computer also helps in the maintenance of law and administration of the country. It can be put to various uses, for example, for research and detective work, keeping records and online databases, and departmental communication among others.

Computer technology have been evolved to a great extent. There are countries in the world where computers have replaced humans. As an example, the country of Japan has restaurants which features humanoid robots waiting on customers, serving food and drinks and communicating with them. In a world where machines are eventually replacing humans, computers are a definite necessity.

The shipments of computers and smartphones have increased by a great number in the year 2020 and 2021. In fact, the demand for computers and smartphones exceeds its supply in the market. The demand is mainly driven by the requirement for the online schooling and work due to the Covid-19 pandemic (as inferred from the e-paper-Hindustan Business Line-August 16,2021). This itself shows the growing status of computers.

Dan Brown in his novel 'Origin' mentions about a supercomputer which is exceptionally intelligent and is capable of doing almost everything. It also mentions about the future of the world, wherein computers completely take over humans. That is a huge thing to imply, yet it gives us the indication into the superiority of the computers.

Amidst all the good that computers have done for us, the impact of it on the 'underprivileged communities' is huge. These communities refer to the section of the society who have fewer privileges and opportunities as compared to others. These people make up a significant part of India's population as well. Most of them, do not even have access to two meals a day. So, access to an expensive

commodity like that of computers is far beyond their reach. Education which is identified as a basic right of the individual, also considered as a key to one's freedom and success is what lacks among the deprived. The absence of education further leads to the problems of unemployment which in turn impacts the economy of the country.

Children have not been able to continue the learning process which will have a direct negative impact on their futures. Their future opportunities will get cut short and they will never be able to compete with the children who are growing up with the luxury of computers. The youth will not be able to continue their work (which is mostly manual) and cannot be done online. As the importance of computers and other gadgets are increasing day by day the deprived are being secluded from the mainstream world due to inaccessibility.

Government intervention is very much important in this scenario. The government should step ahead and provide access to the gadgets for the underprivileged. Connectivity issues should be resolved. Other effective means should be found out so that the learning and the working process continues to ensure equal and overall development.

In conclusion one may argue that computers and smartphones are a must-have to create conditions of development of all in all conditions. As Nicholas Negroponte rightly puts it "Computing is not about computers anymore. It is about living." However, the need and amenity of these electronic gadgets should not overpower the underprivileged communities. Efficient means have to be discovered to bring the talent of every community into the spotlight. After all, "Man is still the most extraordinary computer of all."- John F. Kennedy.





# SCIENCE AND TECHNOLOGY FOR A SUSTAINABLE FUTURE

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Physics department  
B.S.C 2nd semester

**L**ife, a complex topic based on numerous ecological diversities is generally defined as a special characteristic of a physical object's ability to self - sustain. The universe itself is self - sustaining; in fact it is the largest self - sustaining system we can possibly think of , as a star reaches the end of its life - cycle it's composite materials, mostly being hydrogen, explode as a continuous wave of energy spread across the fabric of space - time, this hydrogen then recollects at certain regions in space usually at places having high densities to form another star and henceforth begin it's new life - cycle. The universe is estimated to be 14 billion years old and in that period of time with

every star formed, a new possibility of life comes into play.

The story of our little blue planet, earth, began nearly 4billion years ago, being the fourth smallest planet in our solar system and yet it is the most remarkable one till date for it is the only astronomical object in the universe to host and sustain complex life - forms. Planet earth is able to sustain life due a number of factors: the atmosphere, compositing primarily of nitrogen, oxygen, carbon dioxide and other gases such as argon, methane, and ozone, in ratios that form the perfect balance for life to exist, another factor is the availability of water on the surface which is a major contributor to life sustainability,

the planet's rotation period allow plants to receive the right amount of uv radiation to survive, moreover in regard to surface temperature the planet's well situated

distance from the sun along with the presence of naturally occurring greenhouse gases such as carbon dioxide and water vapour help to maintain the perfect temperature levels for life to flourish.

Throughout the last 4 billion years life on earth has evolved each succeeding year, from a single celled organism to multicellular to complex species rich in diversity out of which we humans have the highest mental cognition which has allowed us to dominate our ecosystems. Over the past centuries we have terraformed the landscape according to the comfort of our growing civilisation, we have deliberately exploited our environment and other diverse species on a large scale through activities such as mining , hunting, fishing, industrial and economic development. The earth is a massive self – sustaining environment in which each natural system has a process of replenishing itself, however the rate at which these processes occur take a considerable amount of time compared to the rate at which these natural systems are damaged. We have pushed our planet's life – sustaining capabilities to the brink of collapse as for each successive decade we face new threats such as environmental pollution, human population growth, depletion of natural resources, mass extinction, water scarcity, climate change and now coronavirus. According to a report by the WHO, the current progress at preventing and treating covid – 19 and other major infectious diseases falls short and risks getting the world off track to reach the

planned sustainable development goals by 2030. Time can't be borrowed, and time is falling short for humanity. But no matter how bleak humanity may appear at the moment, our ideologies and commitment towards the pursuit for a better future should not be distrusted, for Carl Sagan once said, "science is a way of thinking much more than it is a body of knowledge." Over the past years innovators, scientists and environmental activists all around the world have introduced new methods to tackle our varying social and environmental issues. Back in 2016 severe drought had plagued the African state of Kenya, innovator Beth Koiyi made an attempt to help as many as she can by inventing a machine that can extract water using atmospheric moisture; as our atmosphere contains six times more water than in all the watering wells in the world. The machine possesses a fan that draws in air which is then passed through a condenser to form liquid water after which it is dispensed to a collecting tank in the machine. Her innovation helped many people to acquire access to clean and sustainable water.

The Australasian bioplastics foundation is a company which produces bioplastics that are purely bio based and biodegradable, these bioplastics are derived from completely renewable biomass sources such as plant starch, sugarcane and cellulose. Moreover bioplastics are intended for short term applications such as packaging materials, dining utensils, food packaging and so on. Bioplastics can intensively reduce the substantial carbon emissions compared to regular plastics which profoundly release 56 gigaton of carbon upon incarceration each year.

Guillaume Roukhomovsky, a creative



director from Amsterdam has developed an intuitive method of generating renewable and sustainable electrical energy called 'S-PARK'Amsterdam; or as it is referred to as the city of bikes, comprise of citizens who cycle at an estimate of 2 million Kms each day all together. The energy generated from this can be translated to 19.5 million Watts per hour of electrical energy, S-PARK is a specialised bike rack which uses the energy produced from cycling to generate electricity for the neighbourhood. This intricate task is achieved by a special interchangeable front wheel which is attached to a person's bicycle, the energy generated during actions such as braking and pedalling is stored in this front wheel, and at the end of the day when a person's bike is parked , this energy is then redistributed into the neighbourhood's main electrical grid. For a rack of 30 bikes, 1 KWH of clean energy is generated which can be used to power the surrounding street lights, power televisions and refrigerators. This technology reduces 615 kgs of carbon emissions each year. The idea won the design and art direction (D&AD) 2019 award for future impact.

All these innovations have helped humanity to push the doomsday clock further, and in our time ahead we will advance in sustainable technology such as the implementation of fusion nuclear reactors for clean energy instead of fission reactors which produce energy at the cost of generating enormous radioactive waste, the use of electric cars to replace the age

old internal combustion engines which act as major contributors to air - borne hazards, installing cost - efficient solar panels in every household to generate clean electricity, the astounding possibility that science and technology can bring forth is truly magnificent. Every problem can have its own solution, and many of us have made significant efforts to prove it.

Even though the human species has evolved to become the pinnacle of sentient based life forms, we have yet to discover much more of what lies ahead. The universe is expanding every second, and our knowledge of it is insufficient to even comprehend the infinite amount possibilities that exist. So we must seek, far beyond the solar system, far beyond our galaxy, for we are voyagers, moving through an endless void of hidden secrets waiting to be discovered. But before we take big steps we must first learn how to balance, the earth is our nurturer and we are not ready to leave it's side yet, so we must sustain it, protect it and understand it. And when the time comes when we are finally ready to depart and fend for ourselves we can leave more than what we have received. Our story may have begun on earth but where it all ends is still a question of mystery, so we must continue to embark on our journey, wherever it may lead and one day when we finally reach our resting place, we can finally look back upon a place called earth, a place we once called home.





# The Daily Life Of An Eco Major

Wake up, get ready, oh no I'm almost late!  
Going crazy, rushing towards the college gate.  
Running fast, sprinting towards Room 6  
I can't be late, our first class is economics!

Just in time, I had to zoom,  
Just before Sir Rajesh enters the room.  
With a quick glance, searching for an empty seat,  
Going through the maze of classmates proves to be an amazing feat.

Good morning Sir! We all greet,  
With a big smile showing his teeth,  
"Good morning students!" He greets back.  
For a moment we relax.

Sir starts teaching and everyone pays attention,  
In the midst of this to myself I question,  
Is there something that I'm forgetting?  
As I remember, the thought leaves me trembling.

Miss Labet's assignment is due tomorrow!  
After this class I have books to borrow!  
But wait, don't we have to do something else too?  
Miss Anika also gave us homework to do!

After class I rush home to complete them,  
An all-nighter seems to be the only solution.  
Because I can't afford to finish things the next morning,  
Miss Lorraine's extra class will be calling!

Ban Khongtir



## Disastrous breakfast

I poured out discontent on a bowl  
this morning,  
and chewed it across to my heart.  
The taste settled horribly  
on my tongue,  
shaping it into a knife.  
I threw wounds and cuts and nicks  
all day long.  
In the evening  
I tasted a little honey,  
and in the nighttime  
I longed for forgiveness.  
But it was too late,  
the words were already out.

Nukutulu Rhakho  
2nd Semester  
History Department

## Opportunity

Opportunities come and go,  
If only one can see it.  
Oh! How great must it be  
For it changes one's life,  
If only I can grasp it.  
And forever must I be  
grateful  
for it changes my life.

Balamlynti Pasi  
2nd Semester  
English Department

## Life is Journey

Life is a journey that one must take,  
However unfair it may be,  
Trials and Temptations -  
A part of one's journey,  
Which one must cope with.

Living in a world with a busy mind and a heavy  
heart,  
A world full of sorrow and despair  
Oh! What a life it is, a journey for all.

More than thankful to the Creator,  
From my side, for He is never apart,  
Oh! How great thou art.

Balamlynti Pasi  
2nd Semester

# Heaven in You

-Daffni Kharkongor

Deep down I think-  
I know what heaven is.  
Maybe it's up above; where angels live.  
And hymns echo eternally.  
In this world of many lands.  
Home to me is myself  
Maybe its wherever you are;  
my own shattered yet youthful heart.  
my very own skin.  
Yet. Yet somehow,  
it's different in your arms.  
it's different when we talk.  
when we share all our grey moments;  
and combine them into conversations.  
I guess Heaven is in you.

No, you may not always take away,  
These scary moments of blue;  
or cry me a river when my heart lives in drought;  
but your love leaves no room for doubt.  
No, Heaven can be up there,  
where cloudless skies rests everywhere,  
and angelic voices fill the horizon,  
But down here, where storms roar;  
and chaos seems to exist for forever-  
There I find my Heaven,  
there I find Heaven in you.  
My perfect little world,  
with your arms as olive's branches,  
always conquering my deepest fears,  
allowing me to taste my chances.

And for those angelic voices,  
That echoes in heaven up there,  
Right here, I have your words-  
Reviving my once broken heart,  
to become aware of it's worth.  
So you see, Heaven is you for me.  
For all the reasons quite possible,  
This one is my favorite;  
It is quite impossible to not find heaven in you.  
Sincerely,



# “YOU WERE A MUSE”

I have come to terms with the fact that we forget.

That we have forgotten. That we will one day, forget this moment too.

I, young and proud once declared so innocently and full of love how your eyes are the universe I would swim in forever.

That your voice- the music that shall play on.

I had the innocence of a nine year old.

I declared to the world how you shall be remembered; how I shall remember you. It was as if the earth knew your soul and the depth of your affection, the intensity of your smiles or the gentle breath that you let out. It was as if the birds knew the steps you took and where you wanted to go, it was as if the mountains shifted to let you walk away and the trees- bent down to listen to your secrets. The rivers dried themselves up to reveal, shine light on drowned skeletons and I felt a change in the air in this summer.

A shift, a drift and suddenly I realized that it was my porcelain love for you that granted you a halo. I carried you onto the pedestal and it was my love for you

that gave you the opportunity to be extraordinary.

How surprising it is that once upon a time, I was sure that you would live between these pages and in these lines.

But now I have forgotten how you look like, the sound of your voice. It was my porcelain love for you that made me think you were a muse.

-Daffni Kharkongor

# VITA

We cannot choose to be born nor can we opt out of death.

Birth and death are validities we have to abide by. Some people reckon that the things that happen to them are just luck while others believe that their lives are the results of the choices they create.

The way we address our everyday life depends almost entirely on the commentary that is running through our minds.

Thoughts are causes, circumstances are situations everyone faces. Our minds are like sponges, everything is stored in a vast, comprehensive recess of the mind. If junk goes in, sooner or later the junk comes out. This is why having good thoughts are vital.

Deceived, forsaken, misunderstood, betrayed, and disturbed; all of us have wrestled with such unfortunate emotions. So, it's true that life is a challenge whether we like it or not.

Therefore, be an impetus, and think outside the box. Be creative, and set goals for clear, targeted duties. Watch for a powerful signpost to guide you. Let go of the past and look forward to the future, for what awaits us might be a lot bigger than what we perpetually hope for.

Arijit Endow  
6th sem BCA

## WILTING FLOWER

Story telling, tears a-falling,  
Just when will it stop?  
Hurting eyes, mouth full of lies,  
These wetted floors to mop.

Just down the street, the men will meet  
And laugh about their day,  
While she sits home and all alone  
On her knees to pray.

While flowers wilt, their necks do tilt,  
The greyish heavens to oppress.  
Our fragile minds, over muddled signs  
The heart's adorned skin to undress.

Till today, my tongue will say  
'Overcoming this, I shall.'  
The truths will speak, ourselves be meek  
Till I get to uncover some morale.

- Halari Aveni Nongsiej  
(5th Semester, English Department)

## FASCINATED

Fireflies burning brightly,  
Under the light of a million stars.  
I wish I could soar above them,  
See the world beyond my imagination.  
To stand at the edge of eternity,  
And listen to the gentle breeze.  
Can you hear the melancholic tunes?  
Can you open your eyes to see the beauty  
Of the never ending journey of life?  
As we pass through the valley,  
The underlying deep valley  
We create soon to be trodden paths  
And the luscious green grass covers it all.

By Lapyndapbiang Kharumnuid  
Dept of Computer Application (BCA)  
3rd semester




## Unfathomably Beautiful

Aphrodite couldn't stand your fairness,  
The sun can't fair with your glimmer  
Sleeping Venus, though unblemished contour  
In your grace of beauty, a sinner

But more than perfection seen in the mirror  
Have I had the privilege to behold  
A mind unparalleled, a spirit unshakeable,  
Unfathomably beautiful, a heart and a soul

Leroy Kharshandy  
Maths Dept  
2nd Semester



I want to lay for none to see,  
For none to look at me.  
Here,  
In my promise postponed,  
And all my undone button holes;  
For here, I find comfort from myself  
And the future's faults of me.  
In the meticulous of tomorrow,  
I choose from my clusters of tucked-away  
bandages  
Which to cover myself with;  
The ones which hide my wounds best,  
Lest I bleed through.  
I tangle them tight,  
And look at myself satisfied.  
Unravelling them,  
My wounds don't heal themselves, merely  
skin tissue with bones peeking through  
Some days the sight is tolerable, the others,  
like today  
I fight the urge to sew my skin.

Melari Nylla Suna

# *The Quest for Peace*

I wonder why people seek for peace outside  
When peace can be found in Faith, Hope and Love.  
Faith builds with Trust and Hope comes from Positivity.  
Love is patient and kind, devoid of envy and pride.  
It is not self - seeking, nor does it seek delight in the end.  
Love rejoices in truth and tolerance  
It conquers the world and never fails.

Peace sets into the world with the birth of Faith, Hope and Love.

Raj Thapa  
2nd Semester  
Mathematics Department

## *My Wait*

As the sun went down, I sat before the dusk,  
The lovely hours of the day rewinded in frames of love.  
Never have I ever felt such a pure passion,  
Little did I know that my prayers would come into action.  
When you left me under my tranquil branch and glade,  
My passion became a spade between the leaves of your pages.  
I dreamed of the fragrance, the smoke around my absence,  
Desiring and hoping for your breath to be my scent.  
And when this day closes its hour into the night  
I am clinging into that hope which is striking as your eyes.  
Hold me close, let us not be less than just memories;  
But like the spring, let us blossom new pages and leaves.  
This is my prayer for the one who made me unafraid.  
If yours is the same, take all your hours and I shall wait.



# Tongue Tied

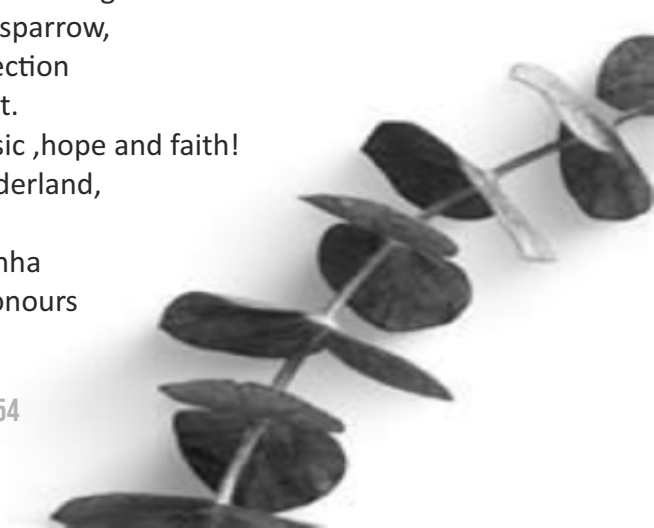
I'm tongue tied, and that's rather strange,  
But not in a sense where I can't say anything;  
It's my mind failing with words to arrange,  
Of my heart's state and the emotions that cling.  
For someone like me whose head is a storm,  
Being in such a state of mind, I'm stumped.  
From the many thoughts and scenarios born,  
I subside in such a vacant space feeling numb.  
Perhaps I think too much one might say,  
And it ensued me to feel things at an increased tier;  
Glad I am, as that side of me to feel too much fades,  
To no longer have 'being passionate' as a fear.  
Yes, the pain was inflicted by what I see in the mirror,  
Building my expectations off of thoughts incarnation;  
Though uneasy is this state of mind I made it clear,  
Tongue tied in mind and heart to sedate my destruction.

~Sebastian Whitfield  
Geography Department  
3rd Semester

# Lines to Inhabitants of My Past

Abandoned friends from wonderland,  
Where have you gone?  
You've left me to navigate,  
Left me to an unknown fate.  
Many a battle I have fought,  
Some victorious some not.  
I wondered when you disappeared,  
I wondered why.  
You faded like the smell of a perfume of a loved one,  
Someone gone too soon.  
I played my part as an actor on this great stage,  
oblivious to the loneliness, recognising your absence.  
A sad awakening,  
The inevitable reciprocated abandonment.  
But the dying ember of my fading hope starts to burn brighter.  
I see you in the trees and in the flowers, the twigs and twine.  
I see you in the eyes of the sparrow,  
And I see you in my reflection  
I feel you in my heart.  
You are love, you are art ,you are music ,hope and faith!  
My dear friends from wonderland,  
Hello again!

Denise Shailynti Noronha  
2nd Semester, English Honours





# Take the Leap

Would you be that person, the one who  
would welcome death!?

Fear of nothing but the unknown,  
Scarred by the past, saved by the  
present and risk the upcoming future.

Would you take a step without knowing  
what's next?

Would you be that person to make a  
change, discarding own reputation,  
detested by human nature?

The laughing stock you were not meant to be.

Faith in humanity, forever lost in  
nowhere. It would be a waste to realise you are inevitable.

So stand, open your eyes to the truth that you're denying,

Enter the world of Bravery and

Courage, visualise where you stand  
among them.

Remember Failure is the starting point.

S.Mindy

# *The Dead Soul!*

She was an outdoorsy,  
Whose soul had no limits.  
Her body was trapped  
In the walls of the big hut.

She was an epistemophilic,  
At the age of fifteen.  
It had no bounds, until  
The wedlock made her shoulders heavy.

Her mind was divine.  
She wanted to learn,  
Conquer the power of knowledge.  
Instead, she was given the chore of two houses.

She had the merry voice in her,  
That got soaked in the rain of bonded relations;  
She had the art of learning dialects,  
Now for years the only thing she learned, is the 'art of serving'.

She played piano  
When she was a teen,  
Now her fingers dance  
But only for the sake of knitting wounded bonds.

Her juvenile feet got tied with the rope of hefty relations  
From where there remains no way to escape.  
The ring on her finger was too tight to come out,  
The bangles on her wrist resembled her tied relations,  
On her hands sat the heavy weight of her marriage.  
She knew for her the day of doom was not too far.

She was in the state of solitude,  
Neither could she say, nor ask for anything.  
And then came the day when her soul stopped fighting,  
The day when she could feel peace on her hands,  
The day when she was not burdened with any ties of her marriage,  
The day when the rope of relations couldn't hold her anymore,  
The day when she was allowed to sleep for eternity.

– Kashyapi Bezbaruah  
2nd Semester, Economics Dept.



# THE TREES UP FRONT

The trees are ever alive, ever moving,  
Never still but ever wooing.  
They like to utter in sweet whispers  
To lure us in while they applaud our gait;  
Our daily entrance & departure with victory  
To make us think that 'tis all written in the palm of fate.

I'd like to imagine them smiling down on me  
Because then I'd gradually look up & smile back.  
Most wondrous creations, the calm yet noisy trees  
That incessantly steady me on my track.

They may seem solely trees to the swamped,  
And nothing more but tall wood lined up.  
But notice them more as you travel through the widened path,  
You might feel more than you think you can & the trees no longer snubbed.

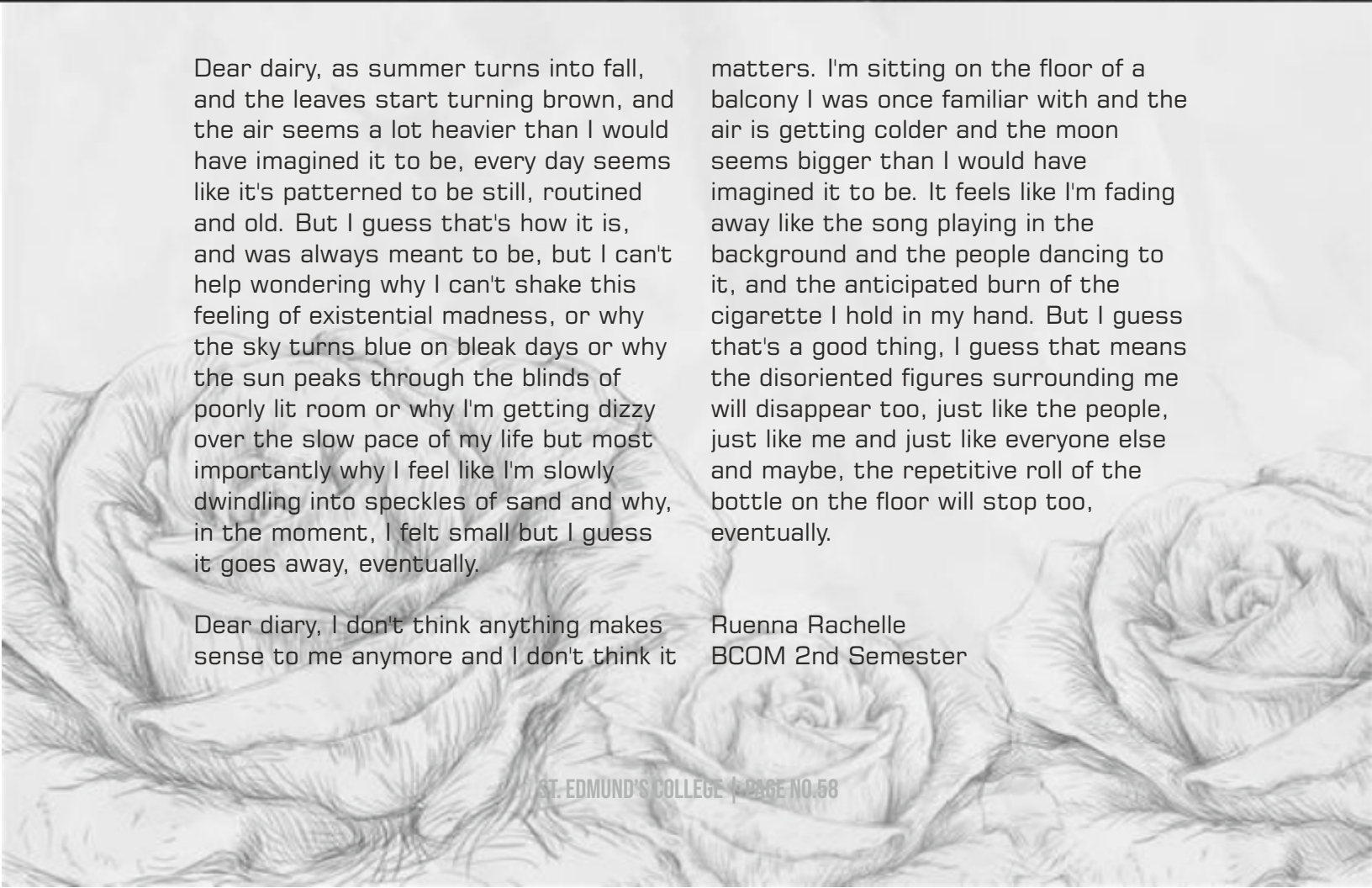
- Halari Aveni Nongsiej  
(4th Semester, English Department)



# A Nightmare

Is it real or just another one?  
When you walk till your feet ache,  
But can't reach the end.  
When you want to shout,  
But can't find your voice.  
You shudder and try to get out of this nightmare, but it keeps pulling you down.  
Should I give up?  
A darkened sky full of gloom.  
Is there anyone here trapped in this nightmare,  
Or just me to give me comfort?  
It was an eerie place:  
No wind around, no birds, no song, no life.  
A sense of protection and comfort was all I needed, but none was to be found.  
Is it real or just another one?

Habiba Khanam  
BSW 2nd Semester



Dear dairy, as summer turns into fall, and the leaves start turning brown, and the air seems a lot heavier than I would have imagined it to be, every day seems like it's patterned to be still, routined and old. But I guess that's how it is, and was always meant to be, but I can't help wondering why I can't shake this feeling of existential madness, or why the sky turns blue on bleak days or why the sun peaks through the blinds of poorly lit room or why I'm getting dizzy over the slow pace of my life but most importantly why I feel like I'm slowly dwindling into speckles of sand and why, in the moment, I felt small but I guess it goes away, eventually.

Dear diary, I don't think anything makes sense to me anymore and I don't think it

matters. I'm sitting on the floor of a balcony I was once familiar with and the air is getting colder and the moon seems bigger than I would have imagined it to be. It feels like I'm fading away like the song playing in the background and the people dancing to it, and the anticipated burn of the cigarette I hold in my hand. But I guess that's a good thing, I guess that means the disoriented figures surrounding me will disappear too, just like the people, just like me and just like everyone else and maybe, the repetitive roll of the bottle on the floor will stop too, eventually.

Ruenna Rachelle  
BCOM 2nd Semester



# WAITING FOR A PHONE CALL

-A.S. Soyarphi, 3rd Sem, English

Her mother stays up all night. She is thinking about her daughter who is attending college in the big city. It seems only yesterday when her little girl with her braids and dirty frocks running around the house had grown up into such a smart and wonderful young lady.

She let out a small smile as she briefly remembers what their lives had been like. She had been married to this indifferent and uncaring man who ran off with a much younger woman one day. Weeks later, she discovered that she was pregnant with his child. Everyone around her advised her against keeping the baby.

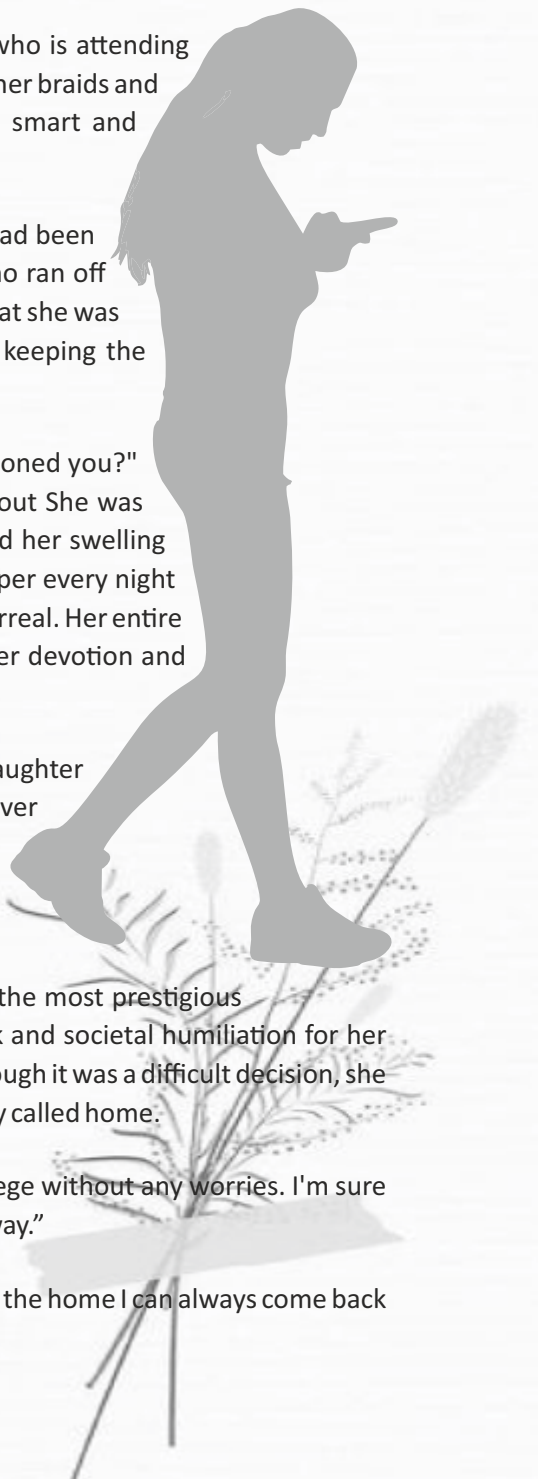
"What is the point in giving birth to the child of the man who abandoned you?" and "It's not easy for a single mother there, you know," they said. But she was determined to prove them all wrong. For nine months, she watched her swelling belly with affection. "I can't wait to meet you, little one," she'd whisper every night before she went off to sleep. When she first hugged her baby, it felt surreal. Her entire world became this small and tiny little being to whom she swore her devotion and unconditional love to.

She juggled with work and taking care of the home and raising her daughter all by herself. The years went by, she grew older and tired. But she never lost hope. And how fulfilling it was. Her daughter was always the top of her class in all her standards! She excelled as a student and her teachers all said to her mother, "She's got a great future ahead of her"

She couldn't be more proud. The day her daughter got into one of the most prestigious colleges in the city, she cried tears of joy. All the years of hard work and societal humiliation for her decision to raise her baby as an only parent was about to pay off. Although it was a difficult decision, she allowed her daughter to move out of their small apartment which they called home.

"This will be better for you, she said with tear-filled eyes, "Go to college without any worries. I'm sure the dormitories will be more comfortable than this shabby place anyway."

Her daughter pulled her into a warm embrace. "Anywhere I go, you're the home I can always come back



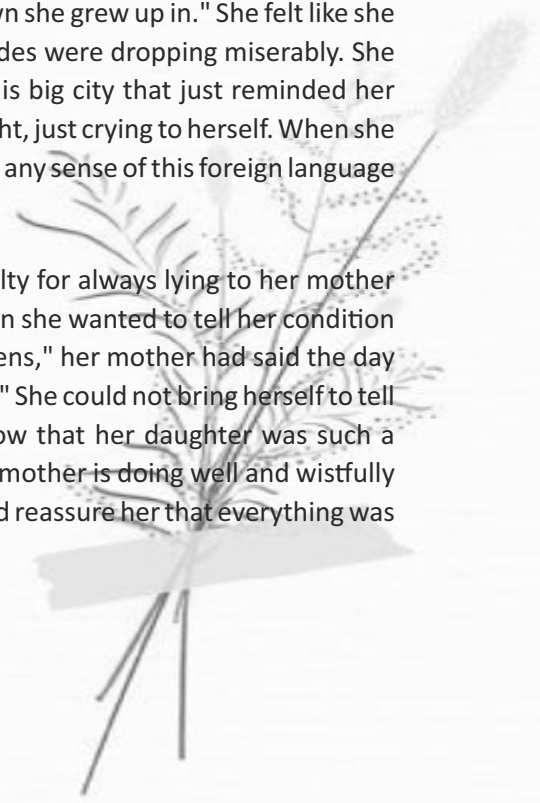
to, mom. Thank you so much for all that you have done for me. I love you and I don't know what I'd do without you. I'd be lost if I didn't have you as my guiding light."

That was a year ago. Now her daughter has gotten used to her campus life and hardly comes home. But their loving bond remains as strong as ever. A silent tear trickled down her cheek. Her mother couldn't bring herself to tell her the test results that came back the other day and the sympathetic look on her doctor's face as he said there was nothing more he could do. She could not be weak for her baby girl. Instead, she lies awake in the middle of the night, hoping to get a phone call from her daughter, asking her how her day was and how much she misses her. Her daughter stays up all night. She is thinking about her mother who lives by herself in their small hometown. All her life, she's been told by her neighbours that she was the daughter of an ingrate who leeches on her mother's earnings and ran away with another woman. The grown-ups look at her with a condescending smile while her peers talk about her as "the girl without a father."

To her mother, she was the loveliest and brightest being. She would pluck all the stars in the night sky for her dearest child. She was all the flowers and the warm sunshine of her life. For her mother, she would run to the ends of the world. When she first brought back home her results, she remembered the way her mother's face lit up with joy. The pride she felt squeezing in her tiny heart told her that she wanted to make her mother happy forever. So she struggled every day and night, always aiming for that topmost position. She graduated each time with flying colours.

When she had to leave behind her mother and her hometown for college, she swore to herself that she would continue to shine bright as much as she could. But the college in the big city was different. In her small hometown of significantly smaller amount of people, she could be the best. In this place, everyone was just as talented and even more. It was so strange and confusing altogether from the life she had lived up to till now. She felt like her classmates were getting ahead of her everyday. And her teachers were the most obnoxious and foul-mouthed people she had ever met, always having something to insult about her "inadequate understanding of the subject" or the "small rural town she grew up in." She felt like she couldn't breathe in that place. The semesters passed by and her grades were dropping miserably. She didn't have anyone to turn to. She felt so lonely and pathetic in this big city that just reminded her worthless she was with each passing day. She started staying up all night, just crying to herself. When she would find strength to go to classes, she couldn't concentrate or make any sense of this foreign language they were speaking. So she stopped attending any of them.

Tonight is one of those nights she stayed up. She feels incredibly guilty for always lying to her mother through gritted teeth that she was doing okay. She was the last person she wanted to tell her condition about. "You are the jewel of my eyes and my blessing from the heavens," her mother had said the day she left home. "You are the only reason why I find happiness in my life." She could not bring herself to tell her mother that she was falling apart. She didn't want her to know that her daughter was such a weakling and a loser. Instead, she stays up all night, praying that her mother is doing well and wistfully waiting for a phone call from the person she loved the most who would reassure her that everything was gonna be alright.





# THE INVISIBLE BRUSH: WHAT PAINTS THE UNIVERSE

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- Calwyn A. Suchiang  
Physics 3rd semester

**H**ello fellow Edmundians! This is your friendly, jolly astronomer writing. Now, many might be intrigued at the title and many might be looking for a quick read to past the time, well whatever may be the reason, this article intends to feed the curious mind and to also put your time to good use; I hope. These paragraphs have been taken from my astronomy journal and much to my interest I believe this is a great opportunity to share them with everyone, so brace yourselves as I take you on a journey.

When we look at the night sky we gaze in awe and amazement of those shining objects, words like beautiful, bright, starry, all come to mind but what we overlook is the thought of how they actually got there and moreover why are they there? Well that's one of the great mysteries our most brilliant minds have died seeking the answer to, and after all their efforts we are still left with bits and crumbs, trying to find pieces to a picture we don't know how to make sense of yet, this might sound confusing but well that's just how nature is. (hopefully by the end you can come back to that sentence with much more clarity.) The 'hot big bang model' is the most highly recognised and accepted theory on how the

universe came to be. According to the big bang theory, the universe we see today was thought to have zero size and to have been infinitely hot, at this zero size everything was stable and steady; well upto a certain point at least. Then things took a turn towards calamity, disorder in the system so as to put it, and in that moment a spectacular explosion occurred causing this zero size confinement to expand, as it expanded the temperature dropped substantially, about ten thousand million degrees in the first second. At this point the universe contained mostly of protons, electrons and their anti-particles. The protons collided with their anti-particles which caused the protons to be annihilated, same case with the electrons. As the universe continued its expansion, the temperature dropped that much further, and came a point where the protons settled down and would now combine with one another to produce deuterium and helium, this took place nearly two minutes after the big bang. In a few hours the production of helium and other elements would have stopped and for the next million years or so, the universe would have just continued expanding. Then as the temperature cooled upto a certain point, the electrons,

protons started to lose energy and would combine to form atoms. The universe would continue its expansion, however at this point the expansion would have slowed down due to the increased formation of matter, and at this stage, effects of gravitational attraction become that much more significant and these regions of increased formation of matter/higher densities added to become 'speed-breakers.'

Higher density regions in the early universe resulted in the formation of galaxies as large amounts of gaseous matter collected at certain regions due to gravitational effects, some galaxies took the shape of discs having high rotation speeds, some took an elliptical shape (egg shaped), or in our case of the milky way galaxy, a spiral shape. As the amount of things that exist start to increase in large numbers, gravity determines much of how things are set into place. Mass and the amount of it present can profoundly affect so much, to clarify, say the earth weighed slightly more than how much it is right now with its rotation speed remaining the same, we would have longer hours in a day; There would be many more consequences if this were to happen but let's not discuss them.

Now take it a step further and let us consider that the sun weighed slightly more, 20 times more,

Well at this point mercury would be engulfed by the sun and Venus alongside earth would resemble something of a burnt orange peel, but that's inevitable to say the least, what's interesting is that if the sun weighed 20 times more it would one day turn into a black-hole. A black hole is a region in space at which the force of gravity is so strong that nothing, not even light can escape, the results of such strong gravity give rise to many interesting phenomenon, one of which is time dilation,

which implies that time slows down significantly in regions of intense gravity. To make things clear, consider you are observing a black-hole at a safe, far away distance, your friend however somehow managed to get too close and is now being pulled inwards, as you observe this disaster you would notice that your friend is falling at a rate so slow that you might even lose the interest of panic. This phenomenon of time dilation was first proposed by Einstein in his general theory of relativity and this was more than a hundred years ago!

Now we've talked about how gravity shapes our galaxies and everything in it, how time plays according to it and ultimately we come to this conclusion that without it, we'd never be apart of this great construct called life. The numbers added up, from circumstances that didn't seem to and this makes you think how strange all of it is, time, space, existence, and moreover what we see makes up for only five percent of everything in the universe! The rest is dark matter and dark energy, something we can't even confidently spell yet. All of it also leads us to questions relating to the quantum realm or the realm of particles where our physical laws do not pose any significance or progress, all of it is strange in the sense that if the numbers were even slightly unbalanced in any of the mentioned aspects, none of it, none of this would have existed but that's also the beauty of it all, something so cosmically imperfect, catastrophic and complex resulted in something so beautiful, a universe! All these findings and discoveries made me think that if perfection were true then life would have never developed, the universe would have been dark and empty place completely devoid of everything! If perfection were true then beauty would have never existed.



# TESTIMONIALS

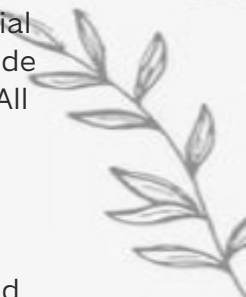
Respected Principal, Vice Principal, Department Heads, Faculty members, family, friends and fellow Edmundians. Firstly, we have much to be thankful for being a part of St. Edmunds College. Here, we received the finest education thanks to our administration and our dedicated teachers. We are now equipped with immense knowledge and skills to move forward and to take on whatever challenges that may come our way.

Fellow Edmundians, I want you to know what a great gift it is to be here in this college as not all colleges offer such an environment that nurtures you to be a better contributing citizen of the state and the country. Here we have had the highest degree of academic excellence and student support that one can carry forward in life whether you intend to continue your education or not. I joined the college in the year 2017, nervous and skeptical of what this place had to offer. My initial days were very challenging but full of experience. The classes, exams, extracurricular activities kept me occupied throughout my whole college life. However I was very fortunate to have really great friends and teachers like Miss. I. Syiem, Miss. F. Syngai, Sir M. Chakravarty, Sir G. Kharkongor and so on who cared for me and groomed me into the person that I am today. I got the opportunity to become the CR of my

department and take responsibilities of the position. All these things moulded me to be a better person with skills to face the world, instilled confidence in me to stand strong in the challenges of life. Classmates became friends, teachers became guardians and the college became my second home. The college provided a safe haven for me to grow as a person. My passion for film making and video editing was recognised by the Sociology Department and the teachers honed me with the skills to grow and develop. They helped me to create my very first short film in the year 2019 which got featured in the college. The reciprocation and appreciation motivated me to follow this passion and helped me reach where I am today. Today I am working for the State Government as a full time Professional Video Editor and happy to pursue my dream as my career. Mere words are not enough to express my love and gratitude towards this prestigious institution, but I have tried to justify briefly my affection and love towards this college and the people. I pray for its growth and prosperity in the years to come and I am certain that this institution will build more capable individuals who can contribute to the society.

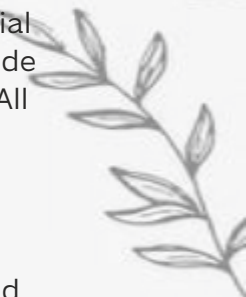
**Best Regards,  
Dawankyrkhu Kharkongor  
Batch of 2017-20**

By: Shubhankar Sarma  
Class of 2021  
Department of Sociology



Dear reader,  
From early 7 am classes to late evening practice sessions for Edblazon, from reaching the department room for assignment submission to receiving welcome gestures as an alumnus, St. Edmund's College opened myriad doors to fly till horizon and even beyond. Three years of college peregrination taught me what it takes to opt for a midway amid the presence of the two extremes of comfort and obstacles at the same time just as it takes to select the grey shade from the extremes of white and black. As I sit to drive my pen, reminiscing my good old SEC days and make this moment another memory as part of my college time, I still vividly remember what it felt when I stepped into the campus wrapped in nature's best colors and undefined beauty. The unparallel breeze around, though soft and gentle, did hit me hard with strokes of endless thoughts that this place certainly has the right potential to offer every Edmundian wings to fly and reach the zenith of success braided with sheer guidance and support from the faculties and everyone associated with it. The initial days were caught solely in mere academic engagements which gradually changed to moments of 'never have I ever come across a place as this before' for the plethora of reasons to count on. The quest for anything and everything beyond classroom teachings and preparation for the semesters led the way to my personal involvement with

St. Edmund's College Model United Nations (SECMUN) club and the editorial board of the College magazine, alongside all possible events of the department. All of these made it a sure point that my book, 'SEC memoir' fall no short of souvenirs to cherish for the rest of my life. Every nook and corner of the campus holds a special significance and certainly demands for the right description here. The cafeteria, holds memories of casual to utmost formal conversations; the perfect ambience that compliments the perfect coffee to sip in, be it under the scorching heat or the gloomy sky with unprecedented drizzle and rain. The excitement to wait year long to sit and watch the eye captivating annual college drama organized by the department of English and the scrumptious refreshments followed thereafter adds an unique taste to my treasures rooted deep inside. Of all the good things SEC has gifted me for a lifetime, the most significant of all would be my department, the department of Sociology that has nurtured me with utmost guidance and fancied me even more than what I fancied about oneself. The faculties and friends from the department till date make me believe in the fact that in a world of some cruel minds live the magical souls who create moments of gratitude forever. The regular classroom teachings that came with intense thought provoking discussions were backed up with times of humor and





laughter which still brings a smile on my face every time I reminisce about them. The unexpressed feeling of uncomfot while waiting infront of the Principal's office to leaving the office with a bright smile, later adds up further draft to my long memories. On being specially recognized by the Vice Principal with a belief that my little efforts and contribution as an editorial board member would lead the way to a happy reading of the college magazine is something I will personally treasure for the rest of my life. Reading and preparing academic notes on our specified personal corner of the library to having the quickest run possible after classes to locate and get hands on that one particular book on demand, makes the library a place to keep in heart. The college 'Xerox shop' as popularly addressed, stands to be a very integral part for me. Standing in long queues with a unseen list of panic attacks to just get a copy of the materials or a single sheet of A4 paper, at any time of the day contributed a lot to my responsibilities. This institution upon entering, made me firmly live up to one of the realities of how beautiful and friendly a teacher-student bond can be. Every other person made me feel secure, breaking the conventional fear in oneself of being left out amid the unfamiliar horde. As I continued to dream for more good times to come ahead of me, I was proved wrong. The unprecedented boutade of the pandemic brought a halt to all the

plans and programme. To be back home was always a time of great excitement and uncountable surprises as I knew I would be meeting my other half of close knit people. But, not for a single jiff did I have this feeling deep inside that my journey back home for a couple of days on March 2020 would be my last journey traveling back home as a fresh Edmundian. Fast forward from then, the swingeing shift of my addressment as being an Edmundian to one of its alumni still makes me go numb for a while. Amidst all the tough times, many words were left unspoken, many tasks left undone and many more memories uncreated.

With a heavy heart, I still wish I had enough time to live myself in the heart and soul of SEC; I hereby end my note with the quote, 'You can make an Edmundian leave St. Edmund's College but, you can never make St. Edmund's College leave from the heart of any Edmundian' and I'll fondly believe in this forever and after. As the college gears up to celebrate one of the most coveted milestones, the Centenary celebration, I wish it grows like no other and shines as the brightest shooting star in the days to come.

Thanking SEC for oodles reasons. SEC, you are second to none.

Yours lovingly,

A forever Edmundian.

# From the Coffee Corner

**A**midst all the interesting and tedious schedule of our college day, our little coffee breaks are a must! The coffee corner is the liveliest zone of the campus, with students and teachers taking respites here. This area is the center of breaks, celebrations, treats, mingling around and various other things. Here, our dearest coffee corner's care-taker - Tulsi Gurung whom we lovingly call our Aunt - is in attendance and manages the sales of the shop. Aunt has been working in the college for a period of about thirteen and she expresses her joy of working in the college environment. Aunt serves our desired liquid refreshments and gives a perfect opportunity to settle down and relax. Sharing on her hobbies, she revealed traveling as one of her favorite recreational activities. Exploring the world and visiting new places amuses her, which she manages on the days the college is off. So, our Tulsi Aunt is a fun-loving, adventurous person! Meeting new students, batch after batch, enchants her. It amuses her to come across students all through the day and engage with them. Involving herself with the students in casual talks and chats, she has offered a warm presence to everyone. She perceives the students on campus

as sweet and well-behaved, who do not cause her trouble and are cooperative. Her take on the college campus and the administration is extremely positive. With experience and time, her business skills have improved and she is used to managing the bustling crowd of students, who gather around the shop, every now and then.

As for the sales from the shop, the most sold item of the shop is coffee. On an average, three hundred cups of coffee are sold on a day to day basis, amongst the various other items present. She discloses that she does not see the college canteens as her competition as both are quite



different in the service that they provide. Tulsi Aunt is extremely sweet and has been with the college for a long time. She performs her duty and works diligently, and never fails to show up. Her candidness and responsible behavior is commendable. Aunt commands our respect and love, and we are grateful to have her around.



# GENERAL REPORT EDBLAZON 2022 APRIL 04<sup>TH</sup> 2022 – APRIL 09<sup>TH</sup> 2022

Jason Nashville Laloo  
General Animator (Edblazon 2022)

St Edmund's College, Shillong witnessed it's College week 'Edblazon 2022' celebration after a gap of two years. The theme for this year being "From Moments to Memories". More than 34 items were encompassed in this one week celebration.

The week prior, events related to sports already commenced but it was on 4<sup>th</sup> April 2022 that marked the Inauguration Day for this year's Edblazon. The Senior Most Teacher, Dr V.R. Rao was the Chief Guest for the Opening Ceremony along with several other invitees. The Opening Ceremony started off with the Flag March led by the General Animator (G.A.), the Joint General Animators (J.G.A.) and the Security Coordinators escorted by the NCC Cadets of St Edmund's College. This day also witnessed the hoisting of the College flag, the unveiling of the logo and the Oath taking marking the opening Edblazon 2022 and followed by the various Cultural representations by the different Cultural Troupes. Concluding the inauguration function, began with the different events.

On 5<sup>th</sup> and 6<sup>th</sup> April the whole day was packed with each and every student participating in one event or the other. Many events like Treasure hunt, badminton, dumb charades naming a few crossed more than hundred participants.

On 7<sup>th</sup> and 8<sup>th</sup> April the YTT Oriental and YTT Western was held respectively. Mr. Bhagat Chettri was the Chief Guest for the YTT Oriental programme. The programme was filled with the performances of the winners of the Oriental Dance and Song and along with them were the Traditional Dance performances by the different Cultural Troupes of St Edmund's College. For the YTT Western, Br. Solomon Morris was the Chief Guest, that day the winners of the Western Dance and Song filled the stage. In company to this, the contest for the Mister and Miss Edblazon was also held and topping the evening off was the Battle of the Bands.

The final day of Edblazon 2022 which was on 9<sup>th</sup> April, the Special Guest for the programme was Dr. Randhanu Das. The day was packed with the performances by the winners of the both the Oriental and Western Competitions. A special performance was given by the Special Guest and later a few words were spoken by the Principal and the Vice Principal.

There was the Crowning of the Winner for the Mr And Miss Edblazon 2022 followed by the distribution of Mementos and Certificates to the different Animators as well as to the NCC Cadets.

Edblazon 2022 witnessed the participation of the female NCC Cadets. Special Events like the Art Exhibition by the Art Club, Meme Making Competition and Film Screening was first organised during this college week and also the Khasi game 'Mawpoint' alternatively known as seven stones was also popularised during this Edblazon.

This College week marked immense extra curricular excellence. With all the thrilling activities which the Students of St. Edmund's College were able to engage themselves in more than academics partaking in each event with drive and dynamism, doing justice to the theme 'From Moments to Memories,' the population inside the Walls witnessed an everlasting breeze of Memories, truly defining the aim to reach the zenith of learnings which this college puts into papers and then in the endeavours.

Thanking you

# REPORT

## SCIENCE MELA (EDSCIENTIA) — 2021

Organized by St. Edmund's College Science Club  
in collaboration with  
IQAC, St. Edmund's College

### Central Theme: “Innovate Today for a Better Tomorrow”

The St. Edmund's College Science Mela, popularly known as “Ed Scientia” was held on the 10<sup>th</sup> & 11<sup>th</sup> December, 2021 in the college premises in an offline mode, under controlled environment, taking care of the COVID guidelines with proper social distancing, wearing of masks at all times and hand sanitization.

The annual event was sponsored by the Department of Biotechnology, Ministry of Science & Technology, Government of India, New Delhi, under the DBT-STAR College Scheme. The event was organized and conducted in a successful manner with active participation of the students and teachers, and with tremendous support from the college management.

The two-day event was filled with various activities which were as follows: -

1. Inter-Departmental Science Exhibition (Models & Charts Exhibits)
2. Inter-Departmental Photography Competition
3. Inter-Departmental Arts Competition (Painting & Sketching)
4. Inter-Departmental Debate Competition
5. Inter-Departmental Science Seminar Competition
6. SEC Science Club Logo & Motto Competition

Former teachers from the college were invited as “Special Guests” to chair upon all the activities of the Science Mela and to also judge on the performances of the students in their various activities.

#### Inter-Departmental Science Exhibition (Model – Physical Science)

Winners of Inter-Departmental Science Exhibition (Model – Physical Science)

- 1st prize: Computer Science
- 2nd prize: Mathematics
- 3rd prize: Physics

#### Inter-Departmental Science Exhibition (Model – Life Science)

Winners of Inter-Departmental Science Exhibition (Model – Life Science)

- 1st prize: Biochemistry
- 2nd prize: Botany
- 3rd prize: Environmental Science

#### Inter-Departmental Science Exhibition (Chart – Physical Science)

Winners

- 1st prize: Arnab Nath & Calwyn A Suchiang, BSc 1st semester Physics
- 2nd prize: Aparajita Chakravarty, Denalven Mark Pakyntein Sawian, Sengwan Sangma & Nikita Dey, BSc 1st semester Electronics



3rd prize: Dipankar Das & Pampi Sonowal; BSc 3rd semester Chemistry

### **Inter-Departmental Science Exhibition (Chart – Life Science)**

Winners

1st prize: Ojing Lego & Jeet Sankar Deka; BSc 1st semester Environmental Science

2nd prize: Rithij Dkhar (BSc 1st semester) & Ezaz Alom (BSc 5th semester) Botany

3rd prize: Avishek Das & Kim Haokip; BSc 1st semester Zoology

### **Inter-Departmental Photography Competition**

**Theme: Breathe Easy & Ride the Waves (COVID-related)**

Winners

1st prize: Meban Kharmujai (BA 1st semester Geography)

2nd prize: Emon Sarma (BCOM)

3rd prize: Mebanshan Suna (BSc 1st semester Mathematics)

### **Inter-Departmental Arts Competition: Painting & Sketching**

Theme: Reflection of COVID

Winners of Painting Competition

1st prize: Rahul Sunar (BSc 1st semester Biotechnology)

2nd prize: Mezibirth J. Sangma (BSc 1st semester Mathematics)

3rd prize: Rajjyoti Senapati (BA 5th semester Geography)

Winners of Sketching Competition

1st prize: Sweety Nath, (BA 3rd semester History)

2nd prize: Md. Ali Afribi Laskar (BCA 5th semester)

3rd prize: Animesh Purkayastha (BSc 1st semester Physics)

### **Inter-Departmental Debate Competition**

Motion: Online education will render classroom teaching obsolete

Best speaker: Kamwamut-I Sumer, BSc 3rd semester (Mathematics)

Runners-up: Chelsia Rosetta Mawroh, BSc 3rd semester (Chemistry)

Best Team: Team D. Supriti Khatri (BSc 3rd semester Physics) & Kamwamut-I Sumer (BSc 3rd semester Mathematics)

### **Inter-Departmental Science Seminar**

**Theme: Recent Trends in Science for a Sustainable Future**

Winners

1st prize: Anirban Das, BSc 3rd semester (Physics)

2nd prize: Rishab Biswas, BSc 5th semester (Chemistry)

3rd prize: Lapynhun Kharkongor, BSc 3rd semester (Environmental Science)

### **SEC Science Club Logo & Motto Competition**

Winner of Logo Competition: Irungbam Karankumar (BSc 5th semester, Chemistry)

Winner of Motto Competition: Irungbam Karankumar (BSc 5th semester, Chemistry)



Club

Reports





## Explorator - Drama Club

An 'Explorator' is someone "who explores or who searches." Hence, the Club is a space for everyone who wishes to explore their abilities and gifts, through the projection of a stage.

The club undertakes various performances ranging from plays, musicals and other performance arts. The club is a means to bring together all the students having a passion for performance arts.

It is an inclusive club that takes members from all semesters and honours.

Explorator hopes to bring together actors, dancers, singers, writers, musicians, artists and others. Together, we aim to find ways which can act as a catharsis to the turmoil of our everyday lives.

Expressing ourselves through art is the most beautiful way we can heal and Explorator will provide members with a stage for their own healing as well as for others.

In Explorator,  
"Your World is Your Stage."

## Lé Debat- The Debate Club



**Lé Debat club** is the debate club of St Edmund's college which is part of the Literary and Dramatic Society, previously known as the **Vindictive Society**. Lé Debat looks up to the new outlook towards debating. Whether it is the inculcation of voluble skills or confidence in public speaking, Lé Debat makes sure the club members are well educated on the subject.

This club will make sure that the members fall in love with public speaking. We have romanticized the concept of debating and public speaking. This club is essential for everyone since "*students are taught to synthesize wide bodies of complex information, and to exercise creativity and implement different ways of knowing*" - sincerely a member of the club.

It generalizes hefty research work and to balance differences of opinions. A debate club is the direct representative of an institution's intellectual capability, Lé Debat is exactly that, we are representing the intellectual community of St Edmunds.

The main objective of the debate club is to practice how to discuss an issue which will be helpful in future. It also focuses on expressing opinions/views on current issues. The club wants maximum number of students to join the club, so they can confidently give their opinions on an issue. The club would help in providing experience and as a significant training ground for the development of students like us in communicative abilities with help of the proper guidance

### Club Activities

The club has organized various debates both in the online and the offline mode. A successful webinar was also held on the topic; The Art of Debating. Certain events were also organised in collaboration with other institutions. One amongst them was the Zenith Jubelieth Debate Competition, hosted by the Zenith Jubelieth Club. The other one was the RR THOMAS INTER COLLÉGE DEBATE COMPETITION hosted by The Meghalaya College Teachers Association.

The club has always worked together for the hosting of successful events and it looks forward organizing many more events in the future.

### Organizational Set-up:

#### Convenors

1. Dr. Jenniefer Dkhar, Dept of English
2. Prof P. Wankitlang Shangpliang, Dept of Zoology

#### Core members

President - Anindita Dev, Dept. of Political Science.

Vice President - Kamwamut-i Sumer, Dept. of Mathematics. Secretary - Kristi Kashyap, Dept. of Sociology.

Joint Secretary - Ayushmi Kashyap, Dept. of Sociology.

PR - Sane Marak, Dept. of Political Science.

IT - Debanjan Tarafadar, Dept. of Commerce

IT - Aniket Dey, Dept. of Political Science

### Within College:

Title of the Activity- **Online Debate Competition**

Date: 19th June, 2021 Place: Online

Organizing Unit: (NSS, NCC) The Literary & Dramatic Society Number of Students: 20

Number of Teachers: 3

Title of the Activity: **WEBINAR on the topic; The Art of Debating” hosted by The Vindictive Society**

Date: 7th July, 2021 Place: Online

Organizing Unit: (NSS, NCC) The Literary & Dramatic Society Collaborative Unit: IQAC

Number of Students: 80

Number of Teachers: 2

### **Outside college:**

Title of the Activity- **Zenith Jubelieth Debate Competition hosted Zenith Jubelieth Club**

Date: 27th August, 2022 Place: Zenith Jubelieth Club

Position Acquired: 1st Runner's up Champion team

Number of students: 2 Number of Teachers: 1

Title of the Activity-

**RR THOMAS INTER COLLÉGE DEBATE COMPETITION**

hosted by The Meghalaya College Teachers Association

Date: 8th July 2022 Place: Anthony's College

Number of students: 2

Number of Teachers: 2





## LES ARTISANS ST. EDMUND'S COLLEGE, SHILLONG

The St. Edmund's Art club was founded on 1st October 2019 through the initiative of a few passionate students, led by Thounaojam Jackson Singh, a Botany honours student who had graduated in 2020. Inspired by famous French artists like Claude Monet and Pierre-Auguste Renoir, the club adopted "Sec Les Artisans" as its official title, which roughly translates to "The Artists" in French.

### **Online Halloween Art Exhibition**

An Online Halloween Exhibition was held on the 31<sup>th</sup> of October, 2021. Wherein the submissions were posted on the Instagram handle of the club, @seclesartisans.

### **Pop Up Event with Half and One**

On the 14<sup>th</sup> of December 2021, the St. Edmund's Art Club collaborated with Half and One, a North East based company that produces cartoons and articles related to current affairs North-eastern centric topics.

The St. Edmund's Art Club helped to organize the pop-up event and it showed the members and students of the colleges different avenues they could pursue in their career.

The illustrators and writers of Half and One were present to show students that they could make a living in pursuing the arts.

Furthermore, Half and One presented their comics and articles that enticed the students who visited the booth.

### **Art and Culture Exhibition (Les Artisans)**

The Art and Culture Exhibition was held on the 6<sup>th</sup> of April, 2022 in Room No.2. it was organised as

a part of the College Week EDBLAZON 2022. The event started from 10am and ended around 3pm. With the help of seven volunteers, who were all members of the Art Club, Les Artisans.

Submissions of art were called for via the poster made, informing students about the art and culture exhibition that was to be held. Fortunately, there was an abundance of art submissions by many of the talented students of the college, and even receiving a few submissions from the teachers as well.

A multitude of different ornaments, dresses, daos, drums, etc. from the different tribes of North East India for the cultural exhibition. There were traditional dresses of the Arunachal tribes, the Nagas, the Mizos, the Khasis, the Garos, the Tankhuls, and many more on display. The Club tried its best to exhibit the different cultures and traditions we have in our Northeast India.

### **Face Painting (Les Artisans)**

The Face Painting event was held on the 8<sup>th</sup> of April, 2022 at the College Gallery beside the café. It was organized as a part of the College Week EDBLAZON 2022. The event lasted for about 4 hours, starting at 10am and continuing on till 2pm. With the help of 18 artists, all who were members of the Les Artisans, students had their faces painted with different designs of their choice. The participation from the students was very high with a good crowd thronging through the venue throughout the duration of the event.

### **Mehendi (Les Artisans)**

The Mehendi stall was set up by the Les Artisans on the 6<sup>th</sup> of April, 2022 during the College Week in the college campus.

A total of 11 volunteers were present, out of which 9 were mehendi artists and 2 were cashiers. The stall was up for about 3 hours and a considerable number of people came for mehendi. It started around 10am and ended by 12pm, with a good sum of earnings going into the club fund. Overall, the event turned out to be a great success through the hard work of the volunteers and the eager students who visited the stall.

### **Report on Painting and sketching competition**

The Painting and Sketching competition was held on 6th April, 2022 at room no. 19. Participants were given two separate topics for painting and sketching. The topic for painting was "POV: The World Is Dying" and the topic for Sketching was "Portrait Sketch of Mother Teresa". For sketching, the picture of Mother Teresa was provided for reference. The competition lasted for two and a half hours. There were total of 12 participants, 4 for sketching and 8 for painting. An external judge, Mr. Allen B. Thangkhiew was called to see through the competition along with Miss S. Sunila Chanu and Miss Preeti Thapa. Along with the three judges Sir B. Dhakar was present throughout the competition as a teacher in charge.



# VIVA LÀ FRAMES - MASS MEDIA CLUB (REPORT)

**M**ass Media club is an umbrella term for the two significant societies of St. Edmund's college which incorporates the photography club and the film society. The Mass Media club has bagged numerous accomplishments and recognitions from the very beginning itself. The primary goal of this club is to propel students to exhibit their talents in photography, video making and to let the students explore some world cinema alongside. Also, to encourage and see how students compile and edit pictures and videos to get a strong visual aesthetic.

The club activity kick started on the 21st of November, 2021 after the elections of the core members in the presence of our teacher incharge Miss Rajni. From that point on the club covered the Science mela which was held on 10th December, 2021 in the college auditorium. There were two active photographers who covered this event. Their photographs were displayed in the auditorium the next day followed by the official announcement of the club,, by the Vice Principal, in the presence of all the students and teachers.

Following this the photography club covered the pre-Christmas celebration that was coordinated by the Music Society that was held on 15 December, 2021. All in all there were 8 photographers during the pre-Christmas celebration.

After that the club expanded its activities by conducting a variety of programs and activities. On 28 February, the college had organised a Science day where two photographers covered the function.

During college week (4th April - 9th April) the club's activities were divided into four categories -

1. Competitions - The club organised three competitions. A film making competition where the film that won the first prize, got screened on the main stage, on the last day of college week. There was also a photography competition and a meme making competition.
2. Exhibition - The entries that were submitted for the photography and meme making competition were all put up for the exhibition and displayed for the students.
3. Film Screening - The club also organised a film screening in the AV room where they had screened three films. The first one was "Sing (Mindenki)", second "Harvie Krumpet" and third "Anukul".
4. Coverage of the college week - The club had all in all 8 photographers covering the entire college week. Also instead of a volunteer card, the photographers got their own photographer recognition card.

The photography club had also covered the college during the 75th Independence day program on 15th August, 2022.

Lastly, without the untiring efforts of the teachers incharge, Miss Rajni and Sir Dioneas, the interesting activities that took place would not have been possible. The media club has been successful in inspiring students in the field of photography and film making, which is clearly visible by the large turn up of students for the various activities that were conducted and the enthusiasm and zeal demonstrated by them.

# Science Club

St. Edmund's College

The Science Club of St. Edmund's College is one of the committees of the college, which was constituted for the purpose of sharing scientific ideas and knowledge among the student community and teachers.

The objectives of the Science Club include developing scientific temperament among students.

To understand scientific knowledge and its applications through scientific experiments and showcasing the talents and skills of students in any scientific field, of their interest. It encourages the sharing of innovative ideas on how to use and benefit from scientific knowledge and share the latest development in science & technology among the student community. All in all, to have fun with science.

Various activities were held under the Club. On the occasion of World Environment Day on the 5th June, 2021, the Science Club organized an "Online Painting Competition" and "Online Photography Competition" for the students of the college.

The St. Edmund's College Science Mela, popularly known as "EdScientia" was held on the 10th & 11th December, 2021 in the college premises in an offline mode, under controlled environment, taking care of the COVID guidelines with proper social distancing, wearing of masks at all times and hand sanitization.

Under the Science Club, students are encouraged to take the initiatives to undertake scientific activity and to share it among the students through various agencies such as science exhibitions, seminars, debates, expressions of art, photography, essays, and outreach programmes. The Science Club is a platform for students to explore their scientific adventures and to share them with everyone in the college and beyond.



# The Music Society



Welcome to the Music Society of St. Edmunds College. A society where we embrace the musical souls of each and every student from every corner of the college, where music is our love language, where we unite under a common goal –to fill the hearts of everyone with the sound of music!

Our story began on 21st June, 2021, when a few bravehearts came together to provide a platform for every amateur and professional musical artist to showcase their musical talents; with the aim to inspire through music.

Now consisting of 245 members and growing, the music society started with 67 members with a core team consisting of 4 members including; Ibakordor Kharmih (6th Semester BCA(2018-2021)), Jason Nashville Laloo (4th Semester

Economics Department(2019- 2022)), Banlambha Dohling (2nd Semester Physics Department(2020-2023)) and Habiba Khanam (2nd Semester BSW(2020-2023)).

The society is wonderfully blessed with the care and guidance of our wonderful teachers, Sir Rajesh Dutta, Sir Bertrand Dkhar, Sir Duwaki Rangad, Sir Damewanmi Suchiang and Miss Larihun Jeengaph who are music enthusiasts themselves.

The Music Society also has an editorial team consisting of seven members namely; Prachurjya Borgohain ( 5th Semester, Political Science (2020- 2023)) , Ngayur Mungrei (5th Semester, Economics (2020-2023)) , Hakini Passah (3rd Semester, English (2021- 2024)), Sumana Sarkar (3rd semester, computer Science (2021- 2024)), Minggamchi G. Momin (3rd semester, Economics (2021-2024)), Sange Dorjee Chukla (3rd semester, B. Com. (2021-2024)) and Hazel

Nongsiej (3rd semester, Political Science (2021- 2024)).

Being only newly formed, The Music Society has successfully conducted an online programme in celebration of the World Music Day on the 21st June 2021. It consisted of more than sixty participants including the teachers who were also the organizers of this wonderful programme. The occasion was graced by the Principal, Dr. Sylvanus Lamare and the IQAC coordinator Br. Simon Coelho. The euphonious singers left all the audience spellbound with their mesmerizing performances. The members of the Music Society accompanied along with the past pupils of the college did extremely well and took an active part in the programme. As a final hurrah to end the year with a BANG, the Music Society organized a year ending Pre Christmas Celebration held on 15th December, 2021. The event was held at the heart of

the college, the Coffee Corner. What else would have been expected from a Pre Christmas celebration except for the sounds of Christmas chimes and the tunes of Jingle Bells echoing through college grounds? And it would not be Christmas without charity as we witnessed a donation drive also being held on this day. Though it was initially restricted to a limited number of audiences, however, as the time passed by, the crowd grew and at the end of the day the coffee Corner was packed. This event became a warm-up to the Christmas celebrations only 10 days later.

Moving to 2022, it was time to celebrate yet another Edblazon. The Music Society organized the Western and Oriental Music Competition for various categories. The response was massive! With over 100 participants, the contenders were made to go through an audition held for 3 days starting from the 28th of February, 2022 to 30th of February, 2022. There were a total of 34 soloists, 7 groups, 11 duets, 10 instrumentals and 1 self composed category from both the Western and Oriental. The competition was looked after by the teachers and the animators of the Edblazon. The teachers in charge of the Western category were; Prof R. Dutta ,Prof D. Rangad , Prof B. Dkhar, Prof L. Jeengaph and Prof D. Suchiang. The animators of the event were: Susilia Nongseij ,Abinash Boruah and Jeffrey Laloo.

**The winners of the competition were;**

Western( Solo): 1st - Phila Pynrisa Thangkhiew, 2nd - Denise Shailynti Noronha and 3rd -Wanlambha Kharkongor.

(duet): 1st - Wanlambha Kharkongor & Akie Carrie Lyngdoh, 2nd - Sardonyx H. Myllemngap & Teranshel Tontang and 3rd - Dakani Nongpluh & Lapyndapbiang Kharumnuid.

(group): 1st - Akie Carrie Lyngdoh & group, 2nd - Aidemesha Wankhar & group and 3rd - Wandarisa Lhuid & group. (instrumental): 1st - Lalrinzuala Pachuau, 2nd - Karyom Dirchi and 3rd - Wanbiangpor D. Myrthong.

Oriental (solo): 1st - Suzsilia Nongseij, 2nd - Bhargov Kr Sharma and 3rd - Maphibanri Wankhar.

(duet): 1st - Aidemesha and Daniel, 2nd - Fenielize and Tulip and 3rd - Shamu and Reshmalu.

(group): 1st - Dipa and group, 2nd - Abhishek and group and 3rd - Wandarisa Lhuid & group.

(instrumental): 1st - Moirangthem Singh, 2nd - B Moasunep Longkumer and 3rd - Soumyaraupa Sarma.

The winners of this competition brought to the Edblazon Stage their winning songs and their performances were magical! They brought the final days of Edblazon to life. And of course no party ends without a Jam session. We see the college coming together and dancing to the rhythm of the Bands which were under the supervision of the Music Society.

**"Music is a world within itself, with a language we all understand."**

**Stevie wonder**

The world of Music is ever growing and as such, the growing too. The Music Society is an outlet to all the world of music. It strives to provide a platform with passion and to be the better versions of community grows, opportunities present into the doorways, open them for newer exciting adventures. The Music Society each and every music enthusiast, it matter if you only sing or only play or even if you just listening to Music, this society will

passions of every musician are ever who choose to venture into for every student to grow themselves. As the themselves and, creeping and more welcomes doesn't an instrument enjoy the doors of

forever be open.





# RESULTS

## **BACHELOR OF ARTS EXAMINATION JUNE 2022**

### **ECONOMICS**

3<sup>rd</sup>. Roll number: A1907226 Marks:651 Grace Awungshi

### **GEOGRAPHY**

1<sup>st</sup>. A1907318 Marks: 636 K. Deiniel Joel Lyngdoh

5<sup>TH</sup> A1907317 Marks : 620 Lavinia Sohleng

6<sup>TH</sup>. A1907292. Marks:615. Antara Das

9<sup>TH</sup>. A1907316. Marks 606. Shradha Kaushik

10<sup>TH</sup> A1907343. Marks 601 Justin Lamin

### **HISTORY**

2<sup>nd</sup> A1907250. Marks 645. Mhayani Kikon

3<sup>rd</sup> A1907149. Marks 639. Lalrinsangi

4<sup>th</sup> A1907266. Marks 635 Songmaidola Chang

6<sup>th</sup> A1907263. Marks 622 Chelsea M. Mawlong

8<sup>th</sup> A1907290. Marks 615. Naphidarisa Diengdoh

10<sup>th</sup> A1907260. Marks 611 Kimberly Angel Khyriem

### **KHASI**

2<sup>nd</sup> A1907440. Marks 634. Meki Dondor KHARKONGOR

3<sup>rd</sup> A1907446. Marks 633. Hunbait Suchiang

4<sup>th</sup> A1907213. Marks 632. Jovial Donor Mawblei

5<sup>th</sup> A1907214. Marks 631. Luckystar Rani

9<sup>th</sup> A1907437. Marks 619. Philawanshisha Khabuli

10<sup>th</sup> A1907442. Marks 615. Hopestarwell Kharkhrang

### **POLITICAL SCIENCE**

1<sup>ST</sup> A1907090. Marks 693. Adriel Salnang Kharmawphlang Marak

2<sup>nd</sup> A1907422. Marks 667. Daiabha Mukhim

3<sup>rd</sup> A1907122. Marks 665. Grace Kelly Lapang

5<sup>th</sup> A1907423. Marks 649. Hubert Lyngdoh Nonglait

6<sup>th</sup> A1907420. Marks 647. Horyao Shimray

7<sup>th</sup> A1907097. Marks 643. Supriya Kandali

10<sup>th</sup> A1907121 Marks 634. Mahindri Das

### **SOCIOLOGY**

1<sup>st</sup> A1907179. Marks 717. Annisha Ali Shangpliang

1<sup>st</sup> A1907189. Marks 717. Nikita Barman

3<sup>rd</sup> A1907068. Marks 699. Treenabhaa Dutta

4<sup>th</sup> A1907064 Marks 696. Prastuti Bora

4<sup>th</sup> A1907197. Marks 696. Dyutimoyee Kalita

5<sup>th</sup> A1907060. Marks. 693. C Zonunpuia

6<sup>th</sup> A1907065. Marks 687. Prachi Borah

6<sup>th</sup> A1907175. Marks 687. Jennefer Chiru

7<sup>th</sup> A1907184. Marks 680. Keneinguvou Nagi

7<sup>th</sup> A1907188. Marks 680. Esther Longchar

8<sup>th</sup> A1907144. Marks 679. Blessing Jasha

9<sup>th</sup> A1907063. Marks 678. Ishika Bhuyan

10<sup>th</sup> A1907192. Marks 677. Radhika Gogoi

### **Bachelor of Computer Applications 2022**

1<sup>st</sup> P1900103. Marks 833. Manas Pratim Gogoi

2<sup>nd</sup> P1900101. Marks 823. Pushpita Chakraborty

3<sup>rd</sup> P1900109. Marks 808. Rohit Barua

5<sup>th</sup> P1900118. Marks 759. Siddharth Poon

7<sup>th</sup> P1900116. Marks 754. Akash Moirangthem

8<sup>th</sup> P1900124. Marks 752. Nishita Malakar

10<sup>th</sup> P1900145. Marks 735. SK Shoaib Alam

### **Bachelor of Commerce Examination 2022**

9<sup>th</sup> C1901347. Marks 650. Kimlemdeih Simte

### **BACHELOR OF SCIENCE 2022**

#### **Honours in Biochemistry**

1<sup>st</sup> S1901314. Marks 735. Upasana Sarma

#### **Honours in Biotechnology**

1<sup>st</sup> S1901348. Marks 688. Darshana Sarma

2<sup>nd</sup> S1901336. Marks 676. Soumyarupa Sarma

3<sup>rd</sup> S1901323. Marks 660. Deishadaphi Banylla

4<sup>th</sup> S1901345. Marks 651. Arijit Kumar Das  
5<sup>th</sup> S1901322. Marks 643. Akash Deep Paul  
7<sup>th</sup> S1901330. Marks 633. Minku Ghosh  
7<sup>th</sup> S1901337. Marks 633. Diarchy Harjong  
8<sup>th</sup> S1901335. Marks 632. ShabnamBarbhuiya  
9<sup>th</sup> S1901344. Marks 628. Riyas Reang  
10<sup>th</sup> S1901332. Marks 627. Lalnunmawia

#### **Honours in Botany**

1<sup>st</sup> S1901358. Marks 703. HenishaKharhuma  
8<sup>th</sup> S1901386. Marks 671. Ng Suzanne Singha

#### **Honours in Chemistry**

2<sup>nd</sup> S1901436. Marks 723. RishabBiswas  
8<sup>th</sup> S1901430. Marks 701. LaishramGanashyam Singh  
9<sup>th</sup> S1901396. Marks 693. Liza Mary J Wankhar  
13<sup>th</sup> S1901395. Marks 681. WankerlangDkhar

#### **Honours in Computer Science**

1<sup>st</sup> S1901469. Marks 729. Abhishek Kumar  
2<sup>nd</sup> S1901455. Marks 714. Abinash Boruah  
5<sup>th</sup> S1901449. Marks 679. GuidingstarSohphoh  
8<sup>th</sup> S1901458. Marks 659. Anurag KakotiNath  
9<sup>th</sup> S1901439. Marks 654. Sanchita Paul

#### **Honours in Electronics**

1<sup>st</sup> S1901475. Marks 628. Rohan Das  
2<sup>nd</sup> S1901465. Marks 677. Mebanshan Jitem  
3<sup>rd</sup> S1901478. Marks 655. Larikupar Kharbithai  
4<sup>th</sup> S1901466. Marks 650. Mebanshan Nongrum  
5<sup>th</sup> S1901477. Marks 628. Nazmul Hussain  
6<sup>th</sup> S1901479. Marks 628. Swaraj Jyoti Barhoi Boro  
7<sup>th</sup> S1901485. Marks 622. Beki Rabha  
8<sup>th</sup> S1901484. Marks 599. Biplob Deb  
9<sup>th</sup> S1901428. Marks 589. Ojoy Singh  
10<sup>th</sup> S1901486. Marks 587. VepiHungyo

#### **Honours in Physics**

1<sup>st</sup> S1901596. Marks 758. S Debala Devi  
2<sup>nd</sup> S1901572. Marks 746. SumanBarua  
3<sup>rd</sup> S1901581. Marks 720. Nehal Rai

4<sup>th</sup> S1901590. Marks 706. Shruti Charkraborty  
4<sup>th</sup> S1901565. Marks 706. Senorita Benedict  
7<sup>th</sup> S1901578. Marks 690. Hiinyo Antun  
8<sup>th</sup> S1901586. Marks 689. F Lalmuanpuia  
9<sup>th</sup> S1901591. Marks 687. Chandana Chakraborty

#### **Honours in Mathematics**

4<sup>th</sup> S1901534. Marks 709 Abhijit Sharma  
5<sup>th</sup> S1901553. Marks 708. LobsangTashi  
9<sup>th</sup> S1901555. Marks 694. S. Malemnganba Singh  
10<sup>th</sup> S1901545. Marks 693 Mandeep Sarma

#### **Honours in Zoology**

2<sup>nd</sup> S1901603. Marks 710 Ibendarishisha Rani

#### **Honours in Environmental Science**

2<sup>nd</sup> S1901504. Marks 723. Bameai Lyngdoh Marshallon  
3<sup>rd</sup> S1901592. Marks 721. Sophia Evanda Nongrum  
4<sup>th</sup> S1901496. Marks 714. Sirmin Khanam  
5<sup>th</sup> S1901500. Marks 710. Badeibiang Mawblei  
6<sup>th</sup> S1901488. Marks 707. John Robert Dkhar  
7<sup>th</sup> S1901495. Marks 705. Pricilla Damgawn  
8<sup>th</sup> S1901516. Marks 700. Arati Gurung  
9<sup>th</sup> S1901489. Marks 699. Enzanglule  
10<sup>th</sup> S1901638. Marks 696. Yungrei Kasomwoshi  
11<sup>th</sup> S1901505. Marks 693. Donboklang Rynjah

#### **Bachelor Of Social work Examination June 2022**

1<sup>st</sup> W1900013. Marks 740. T LanchenbiChanu  
2<sup>nd</sup> W1900053. Marks 729. H Dipanita Sharma  
3<sup>rd</sup> W1900004. Marks 727. Kanriaki D Khongsngi  
4<sup>th</sup> W1900009. Marks 716. Mercy Grace Rai  
5<sup>th</sup> W1900003. Marks 709. Letitia Iarisa Kharchandy  
6<sup>th</sup> W1900001. Marks 706. Beneranda Shadap  
8<sup>th</sup> W1900033. Marks 698. Khayaivam Ngashangva  
8<sup>th</sup> W1900047. Marks 698. Jenycyfull Marbaniang  
9<sup>th</sup> W1900019. Marks 695. Deikynmobha Shylla  
10<sup>th</sup> W1900010. Marks 692. Smerna Rai







Melvin Star Majaw, Reema Joshi, Sarmistha Deb(HOD),  
S.Sunila Chanu, Rajni Khyriem

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BACHELOR OF COMPUTER APPLICATION**



**DEPARTMENT OF  
BIOCHEMISTRY**

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Dr. Khetbadei LH Hadem, Dr. Omarlin Kyndiah (HoD), Dr. James Wahlang





L-R: Mr. Koben John Nongkynrih, Dr. Baiakmenlang Manner, Dr. Gopesh Paul, Dr. Samrat Adhikari, Ms. Shekinah Challam, Mr. Erwin

**DEPARTMENT OF  
BIOTECHNOLOGY**



**DEPARTMENT OF  
BOTANY**

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L-R: Daniel. N. Kharkongor, Andrey .D. Dohling(HOD), Aibakor Kharbuli, Iarisa Anette R. Dorphang, Edaneolla Kynta, Randolph V Langstieh.

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Upper Row: Milan Swett, Navin Chettri, Goutam Deb, Dr Dipankar Shome  
Lower Row: Ruchita Chakraborty, Mitali Daskupta Dey, Rowenna E.L. Langrai,  
Dapbiang Nongkynrih, Nandita Bhattacharjee

## DEPARTMENT OF COMMERCE



## DEPARTMENT OF COMPUTER SCIENCE

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Mr. Westerland Tynsiar (Lab Assistant), Mr. Bertrand Dkhar





L to R : Labet Phylla Phanbuh, Lorraine Claudia Massar, Dr. Anika Mary Wanhun Kshiar Shadap, Rajesh Dutta (HOD) **DEPARTMENT OF ECONOMICS**



**DEPARTMENT OF ELECTRONICS**

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L-R : Damewanmi Suchiang, Iasylloklang Rynjah, Larihun Jeengaph,  
Michelle D. Khongwir, Dr. Jasmine T. Sawian (Head), Emidaoopaya Sumer

DEPARTMENT OF  
ENVIRONMENTAL SCIENCE



DEPARTMENT OF  
GEOGRAPHY

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Prof. O.M. Kharmawphlang (HOD), Prof. G.L. Kharkongor.





L-R : Prof. R. Basaiawmoit, Prof. Darilin Suting (HOD)  
Dr. Dianghunmon Rynjah and Prof. Barry Kupar Rymbai.

**DEPARTMENT OF HISTORY**



**DEPARTMENT OF KHASI**

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and Ronald P. Kharshiing





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Dipankar Deb, Gregory Jala, Bankhraw Dkhar



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Dr. W. Syngkon, Ms. A. Dkhar, Ms. H. B. Wahlang, Mr. George Sun





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Dr. L. Kurbah, Dr. S. Adhikari, Dr. M. Ram 6. Mr. A. Kar

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**DEPARTMENT OF POLITICAL SCIENCE**

Amelia M Mylliem, C. Zonunmawia, Syrpailin Lyngdoh (HOD),  
S. Hyñiewta, Dr Jayanti Shadap. Absent: Pynksan La Manik Kupar Syiem





L-R : Ms.Ibakordor Khongiong, Ms. Finley E.J.Syngai (HOD),  
William B.F.Lynrah, Ms. Ritisha Kharshong, Ms. Naphisabet Syiemlieh

**DEPARTMENT OF SOCIOLOGY**



**DEPARTMENT OF ZOOLOGY**

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DEPARTMENT OF  
ENGLISH

Jennifer Dkhar, Ardella Challam, Arundhoti Datta, Eric Nongkynrih, Malcolm Tariang (H.O.D), Daphinda War, Theodora War, Megan Devbarma Nonglait





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EDMUNDIAN 2021-22



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OUR SECURITY





**ECONOMICS : B.A. 2nd Semester**



**ENGLISH : B.A. 2nd Semester**





**HISTORY : B.A. 2nd Semester**



**GEOGRAPHY : B.A. 2nd Semester**





**KHASI : B.A. 2nd Semester**



**POLITICAL SCIENCE : B.A. 2nd Semester**





**SOCIAL WORK : B.A. 2nd Semester**



**SOCIOLOGY : B.A. 2nd Semester**





**SECTION - A : 2nd Semester B.COM**



**SECTION - B : 2nd Semester B.COM**





**ZOOLOGY : 2nd Semester**



**ECONOMICS : 4th Semester**





**ENGLISH : 4th Semester**



**GEOGRAPHY : 4th Semester**





**HISTORY : 4th Semester**



**KHASI : 4th Semester**





**POLITICAL SCIENCE : 4th Semester**



**SOCIAL WORK : 4th Semester**





**SOCIOLOGY : 4th Semester**



**COMMERCE (SECTION A) : 4th Semester**





**ECONOMICS : 6th Semester**



**ENGLISH : 6th Semester**





**KHASI : 6th Semester**



**POLITICAL SCIENCE: 6th Semester**





**GEOGRAPHY : 6th Semester**



**HISTORY : 6th Semester**





**SOCIAL WORK : 6th Semester**



**SOCIOLOGY : 6th Semester**





**COMMERCE : 6th Semester (SECTION - A)**



**COMMERCE : 6th Semester (SECTION - B)**





**COMPUTER SCIENCE : 2nd Semester**



**COMPUTER APPLICATIONS : 2nd Semester**





**ELECTRONICS : 2nd Semester**



**ENVIRONMENTAL SCIENCE : 2nd Semester**





**BIOCHEMISTRY : 2nd Semester**



**BIOTECHNOLOGY : 2nd Semester**





**BOTANY : 2nd Semester**



**CHEMISTRY : 2nd Semester**





**MATHEMATICS : 2nd Semester**



**PHYSICS : 2nd Semester**





**ZOOLOGY : 2nd Semester**



**ECONOMICS : 4th Semester**





**COMMERCE (SECTION B : 4th Semester**



**BIOCHEMISTRY : 4th Semester**





**BIOTECHNOLOGY : 4th Semester**



**BOTANY : 4th Semester**





**CHEMISTRY : 4th Semester**



**COMPUTER SCIENCE : 4th Semester**





**COMPUTER APPLICATION : 4th Semester**



**ZOOLOGY : 4th Semester**





**ELECTRONICS : 4th Semester**



**ENVIRONMENTAL SCIENCE : 4th Semester**





**MATHEMATICS : 4th Semester**



**PHYSICS : 4th Semester**





**BIOCHEMISTRY : 6th Semester**



**BIOTECHNOLOGY : 6th Semester**





**BOTANY : 6th Semester**



**CHEMISTRY : 6th Semester**





**COMPUTER APPLICATION : 6th Semester**



**COMPUTER SCIENCE : 6th Semester**





**ELECTRONICS : 6th Semester**



**ENVIRONMENTAL SCIENCE : 6th Semester**





**MATHEMATICS : 6th Semester**



**PHYSICS : 6th Semester**



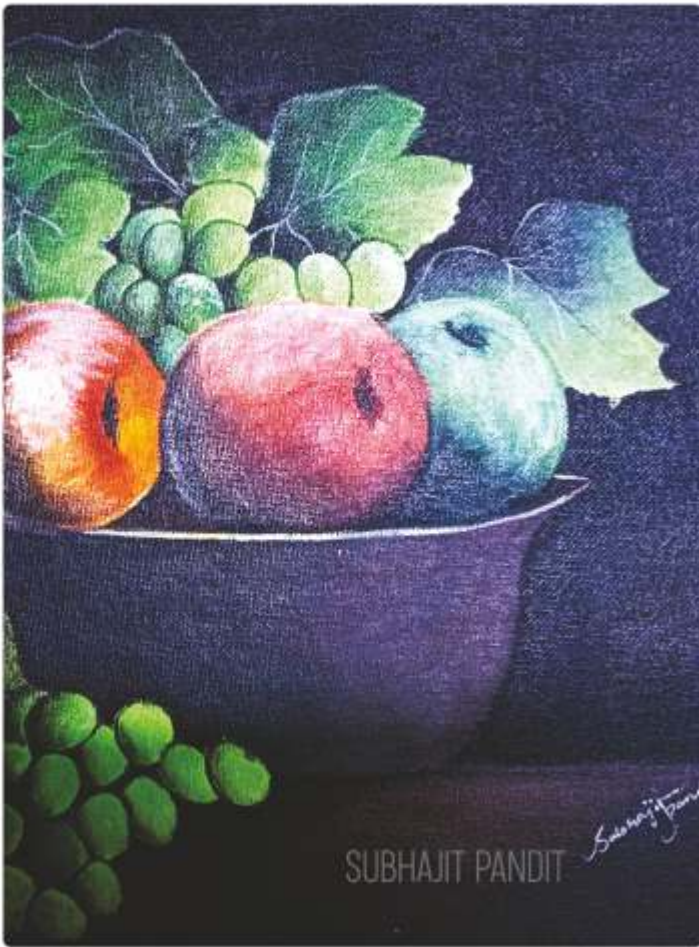


**ZOOLOGY : 6th Semester**









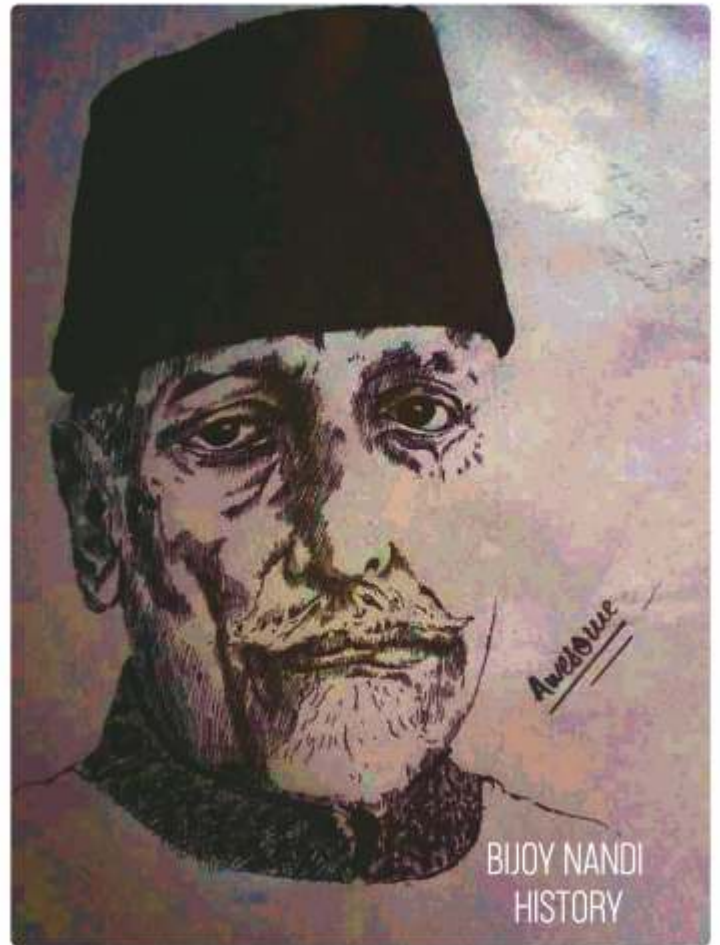








JUMAN KALITA  
BSW



BIJOY NANDI  
HISTORY



PRACHURJYA BORGHAIN  
POLITICAL SCIENCE



SAREO ZASOON  
SOCIOLOGY

















SHIBANGI BHUYAN















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