

REGIONAL INSTITUTE OF SCIENCE & TECHNOLOGY

Approved by AICTE, New Delhi & Affiliated to NEHU, Shillong

Promoted by : ERD FOUNDATION-GUWAHATI

Message from Chairman



It gives me immense pleasure to learn that RIST Family is releasing its first issue of Quarterly News Letter. I hope this News Letter will cover the major events and activities taking place on day to day basis and will help students to develop their innovative ideas, writing skills as well as to make them update their knowledge with recent happenings in the field of Science & Technology. I congratulate this noble effort and wish them success in this endeavor.

M. Hoque
Chairman, ERDF

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Timeline of EVENTS at RIST...

Wall magazine competition

The sole objective behind organizing a Wall Magazine competition is to encourage the students to draw out their latent ideas and talents and channelize their creativity in a constructive way. It was organized on the eve of Engineers' Day on 15th September, 2012.

The students from all the branches participated in this event and displayed their ideas in the form of canvas and collage.



Teachers' Day

The Teachers' Day was celebrated on 5th September to mark the birth anniversary of Dr. Radha Krishan. The students of RIST organized an event to commemorate the occasion. The Faculty members were invited to a colourful programme that was presided over by Honorable Chairman, Mr. Mahbulul Hoque. The best teacher award for the year was conferred to Mr. Jainul Abudin, HOD, Deptt. of Computer Science. A quiz competition among the Faculty members was also conducted followed by refreshment.

Freshers' Social



RIST welcomed its new academic batch of August 2012 with the Freshmen Social Programme. The chief guest of the programme was Dr. (Prof) Amarjyoti Choudhary (V. C. Tezpur University). Honorable Chairman ERDF, Mr. Mahbulul Hoque delivered the welcome address. Dr. Choudhary encouraged the students to come up with new innovations during their academic years so that they become future brand ambassadors of the nation and of the College. The Faculty members and the students present among the audience were enlightened by the speech delivered by the honorable chief guest. The evening was further carried on by various cultural programmes by the students.

Engineer's Day Celebration

Engineer's Day is observed in India on September 15 in honour of Sir Mokshagundam Visvesvaraya who was born on that day in 1860. This day is marked in his name recognizing his contributions in the field of Hydrel Energy in India.

Like every year this year also, the aspiring students of RIST along with the Faculty members got together to celebrate this occasion and presented "EXEMPLARY TECHNOCRAT" award to the respected Chairman of ERDF Foundation Mr. Mahbulal Hoque for his invaluable contribution in the field of Engineering studies among the youths of North East.



Editorial pen:-



Dear Readers,

At the onset of this newsletter, I wish you all a very "HAPPY & PROSPEROUS NEW YEAR 2013" Regional Institute of Science & Technology is situated in the midst of mesmerizing scenic beauty of Kling road, 9th Mile. The natural environment of RIST has potential to let the students indulge effortlessly in the pursuit of knowledge and unleash their dormant creative spark. Being situated far from the bustle and din of the busy Guwahati city, RIST provides the perfect ambience to its students to become TECHNOCRATES of the FUTURE. With this objective in mind I present before you this newsletter "RISTimes".

As RIST sets its foot on the fourth year of existence, it is my privilege to come up with this newsletter to showcase the glimpses of the last academic session. This newsletter will be brought out before its readers after every quarter. This being the first issue, I would like to emphasize on the main purpose of this newsletter "RISTimes". It is a knowledge campus as well as a complete platform for all RISTians to highlight their voices, aspirations and happenings of the institute during every academic quarter.

I would welcome your views, suggestions, write-ups and pictorials to be included in this newsletter for its unhindered journey to glory. Hope, this newsletter will be a torchbearer for every RISTian.

Thanking you

Nabanita Baruah

SURVEY CAMP

The Survey Camp was conducted by the Civil Engineering Department of the Institute for the Students of 6th Sem. Inpartial fulfillment of the requirements for B.Tech. course under NEHU. This camp has compiled the traverse and contour map of the major portion of RIST/USTM Campus



NEFTi TOURNAMENT



North East Forum for Technical Institutions (NEFTi), an organization that is established to popularize science education in order to promote professional and technical higher education in the North East Region, thereby, producing quality human resource to facilitate industrial & economic growth of the region. NEFTi organized a volleyball tournament and a singing & dancing competition among the technical colleges situated in Guwahati at RIST campus. The champion in the Volleyball tournament was NITS, Mirza. The students of RIST brought laurels by winning the 2nd prize in the dance competition.



Felicitation Programme

On 3rd January 2013 on the occasion of the New Year, the ERD Foundation had felicitated some of the eminent senior personalities of the state of Assam in recognition of their contribution in different fields. The felicitations were accorded in a ceremony at RIST CAMPUS. The senior personalities felicitated on this day were-

- ▶ Smt. Nirupama Borgohain, noted writer and columnist of leading dailies.
- ▶ Shri Abdul Mazid, eminent film and theatre personality;
- ▶ Prof Md Taher, retired Prof. Gauhati University;
- ▶ Dr.D.N.Barua, President, Guwahati Management Association;
- ▶ Shri Hareswar Talukdar, former Chief Engineer, PWD, Meghalaya;
- ▶ Shri Abdul Khaleque Mazumdar, retired ACS officer and ex president of Minority Welfare Society;

- ▶ Shri B.K. Nath, Chairman, Sankha Press Pvt Ltd;
- ▶ Shri H.N. Das, IAS (Retd) an able administrator and former Chief Secretary to the Government of Assam;
- ▶ Shri Abdul Malik, IAS (Retd) former State Election Commissioner, Assam
- ▶ Shri D.N.Singh, Office Secretary, Guwahati Press Club.

Dr. AC Bhagabati, former Vice Chancellor, Rajib Gandhi University, Arunachal Pradesh and Dr N.K.Choudhury, former VC, Gauhati University and Principal Advisor, ERDF handed over the mementos and certificates on behalf of ERDF to the senior citizens as a mark of respect and love for their distinguished services to the community. ERDF members wished them good health and long life for rendering unperturbed service to the society. The function was attended by a large number of dignitaries from various walks of life and high officials of ERDF.



Republic Day Celebration

The 64th Republic Day was celebrated with great enthusiasm and patriotic zeal at the RIST campus in presence of its staff and students. The celebration was marked by the flag hoisting ceremony and rendition of the National Anthem.



GATE EXAM, 2013

The IIT-Gate online examination was conducted on 20th January 2013 at RIST, which is an authorized centre for GATE examination.

Some of the Eminent Visitors at RIST



**His Excellency
Shri R.S. Mooshahary**
Governor of Meghalaya



**His Excellency
Shri J. B. Patnaik**
Governor of Assam



Prof. Gautam Barua
Director, IIT-G



Prof. P.K. Abdul Azis
Ex VC Aligarh Muslim University &
Cochin University of Sc. & Technology



Prof. Mihir Kanti Choudhury
Vice-Chancellor, Tezpur University



Shri Gaurav Gogoi
Social activist



Mr. Rajchandra Singh
Controller, Technical Education, Manipur



Shri Raktim Sharma
Nano Technologist



Dr. A. Waris, FRCS, (Faculty)
Institute of Ophthal,
Aligarh Muslim University.

SUBLIMITY-THY NAME IS WOMAN

Jilmil Bhuyan, CSE, 8th Semester

Civilization and culture of a nation or society is judged by the status it accords to its women. The originator and the sustainer of a life is the Mother, whose position in the society should be highest in all respects. The society which allows freedom to its women and enables them to make a suitable contribution towards the growth of an ideal society is worthy of being called civilized and cultured. Women possess rare fortitude. They know to face the reverses of love and fortune. They fight many misfortunes which, on the contrary, may break down many men. The strong will power and moral force in the soft-hearted approach of a woman can be the greatest support for her dejected father or despairing husband. The pain a mother bears while giving birth to a child after nine long months of pregnancy and spending each moment thinking about the happiness of her child adds a sense of sublimity to her character. Do the women who selflessly nurture the societal roots get their due credits in the society? Are they given the rightful position in the society? Women are mostly at the receiving end in life. A lady is under constant vigil since her birth. Gender inequality is pervasive in various layers of social existence as its tentacles are spread across various segments of the society. Women constituting half of the population have been subjected to tyranny and oppression of a patriarchal order for centuries. Even in this 21st century in some corners of the world, parents look upon the male child as a protector and supporter in old days. This gender bias leads to female infanticide. Most people prefer the eldest male child to inherit the property and also to keep the lineage. There are certain legal disabilities regarding proprietary rights and administration of a woman, which must be done away with. Unless she has a place in the society she will have to look up to a man in every stage of life. However, in the recent times some improvements and developments have taken place but a lot has yet to be done in this regard. Education in general and higher education in particular is an essential criteria for the uplift of the society.

Access to higher education which includes technical and professional courses will guarantee economic independence leading to enhanced social status and hence empowerment of women. This will not only change the lives of women at personal level by altering the pressure of dependencies and domination through economic autonomy, but at the social level it will trigger social engineering which will help in cleansing the fissures of a patriarchal social order.

Life is dynamic. The pressing need of today's world is women of caliber. Women will get their due place in the society only when the society is ready to welcome the "fairer sex" into its fold. Times have changed with more women breaking the glass walls of social subjugation and occupying the boardrooms from the mere kitchen. But the irony is they still have to undergo humiliation, be victims of male chauvinism and get exploited by the mighty male dominated self-appointed "khapPanchayats". Our society do not want any of "Mukhtaran Mai" or "honour killings", as this shows that women are still struggling to get a proper place in the society. True emancipation of women will happen only when men and the whole of society will stop looking at women as mere "possessions". Sublimity, sincerity, coyness and selflessness are the hallmark of a woman but a woman is also representative of the strength of Goddesses "Kali" and "Durga". Last but not the least, we should not force our women to become Goddess "Kali" and unleash terror on the wretched tormentors. If that happens a massive loophole of our society will be exposed and the civilized world will get an opportunity to corner us on the basis of our incongruent moral tangent.

Techno News

Janid Kumar Koch. ECE-8th sem

The Government is developing existing Brain Machine Interface (BMI) Technology that will be able to read the user's mind and automatically respond to his or her wishes. So, one could be able to change TV Channels or send text messages by thought. BMI machines have already been developed through which an operator can order a robot to carry out an action, such as, move an arm or lift a leg. The scientist also has the technology that lets the machine to recall the number of thoughts perceived by a person.

The challenge now is to simplify the existing systems and make the equipment portable before it can be made commercially available.

Flying cars-just a few years away

Within a short period of time the flying cars may become a reality. The Defence Advanced Project Agency of USA has cleared the Transformer (TX) Program that will monitor the development of flying vehicles for the US military. If the things fall in place by the year 2015, the US soldiers will have the ability to drive into battle in a flying car.

The transformer will enable the troops with the ability to avoid traditional and unconventional threats, such as, ambushes and improvised explosive devices and road obstructions. The pentagon has earmarked \$ 54 million so far to develop the concept and DARPA is expected to take four year.

Source: Electronics for you.

LEAVES

Johnny Deori CSE, 6th semester

They fill the hills with the skin of green,
Touching the fresh air that cannot be seen
Can't feel it breathe but it helps one live
It's a sign of life that subtly reinforces my belief.

The cuckoo comes and perches in its tender arms
Brother's the tree with the leaves behind its charms
Shed to the little creatures under the trees
Rests the old man with the load he carries

Showers love on tiny dew drops that quietly take a nap
And shelters the caterpillar on its lap
Along with the dew drops they smile in the morning
Which discreetly vanish as the day starts glistening

They flutter with the wind that seem to blow forever
Silently under the setting sun, leaves complain never.

Admissions Open - 2013

B.Tech Programmes

1. Civil Engineering
2. Mechanical Engineering
3. Electronic Engineering
4. Electrical Engineering
5. Computer Science Engineering
6. Information Technology

Eligibility : H.S (10+2) Science or equivalent examination with Physics & Mathematics as compulsory subject along with one of the Chemistry/ Biotechnology / Biology with 45% marks in the above subjects taken together (40% marks for SC/ST/Minority)

Lateral Entry 3rd Semester for Diploma Engineers & B.Sc. Students with Maths & Physics

Admission Criteria (B.Tech): Admission will be based on ERDF-CET 2013 to be held in different centres of North East followed by personal Interview.

For further details contact:

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