

TECHNOLOGY TOWARDS BETTER TOMORROW ... keeping you informed

June 2015 Volume - II, Issue - II



















Participants in their best attire

Walking the Ramp for a Cause

Purnima Pradhan, D2CHN

ith the sole aim to render genuine support towards the local community, the Helping Hand Club of the institute conceived this program "The Fashion Show Contest" among the staff and students. The show was held on 13th May, 2015. As a unique and thrilling program, enthusiast staff and students gave their best to prepare to walk the ramp to contribute for the worthy cause.

This is one of the first ever show being held in the institute. In the beginning, it was felt quite uneasy and vague to begin since limited resources posed as a challenge for every participant to think for various creative means. However, their willingness and determination proved much stronger against all such limitation to contest in the best way.

Club members on other hand worked vigorously together, dividing task among members to attract and invite maximum participants. There were total of 38 participants including three staff. On finalizing the participants, active practice began to show individual talent, in fact for the

first time in such show. Despite packed schedule, participants really worked hard to gather required materials and some began to create own artistic attire for the show.

The banner hanged on the wall, stage covered with green carpet and chairs filled with by the audience, their eyes mesmerized by each of the contestant walking the ramp in their splendid costumes. Besides judges marking each of the contestants on their creativity, designs and talent, countless voting from audience was another criterion. Finally, combining the audience votes and the judges' mark Mr. Chimi Wangchuk, student from Civil Engineering Department bagged the first position in male category and Ms. Yebi Dema, student of Mechanical Engineering Department took first position in female category. The prizes were awarded to top three contestants. Other contestants were also pleased, "I feel delighted that at least I am able to help the Club in their charity show," said Sonam Wangdi.

The show ended with great success and was able to generate actual fund of Nu. 52,436 for the Helping Hand Club to benefit the most needy. people in the community.

HIGHLIGHTS

PAGE 2

TRAINING DEMOCRACY **LEADERSHIP**

CELEBRATING INTERNATIONAL DAY OF HAPPINESS

PAGE 4

EXTENDING HAND TO THE SERTHI **VILLAGE**

PAGE 4

ALL IS WELL WITH JNP

PAGE 5

POLY ROLLING TROPHY: FOOTBALL

PAGE 5

10th Convocation of Royal Uni-VERSITY OF BHUTAN

PAGE 6

ACADEMIC EXCELLENCE

A LEADING CENTER FOR APPROPRI-ATE TECHNOLOGY

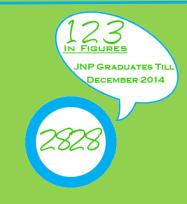
In the Footsteps of Dharma

Namgay Wangchuk, D2E

n 21st March. 2015, the family of Jigme Namgyel Polytechnic warmly welcomed His Eminence Gyalwa Dokhampa on his second visit to the Institute. Beside busy schedule, His Eminence has been compassionate in visiting institute again to teach, bless and guide many on the path of Buddha through open

On the first day, 22nd March, the session begun with screening the documentary on "The Dragon

(Page 2)



In the Footsteps of Dharma

Yogis" which presented the history of Drukpa Lineage. His Eminence then began teaching with few moments of talk with all gathered staff and students. On the day, His Eminence gave the teachings on breathing meditation for beginner, how one can practice in daily life and its benefits in realizing meaningful life. His Eminence, practically guided on series of meditation, visualization and also on prostration. Later in the evening, as per the schedule through His Eminence, Open panel discussion on the title "Discipline, Freedom and Happiness" was held with one participants from staff and student. During discussion, His eminence and member participants shared on the essence of Discipline, Freedom and Happiness through open questions from audience.

On the second day, His Eminence awarded certificates to all the staff and students on 60 hours meditation practice which all the individual present will practice as per the teaching and guidance of His Eminence. As a part of imparting wisdom, His Eminence donated several books, one which is authored by His Eminence titled, "The restful Mind" to the institute. On closing the session, His Eminence blessed the family of Jigme Namgyel Polytechnic.

His Eminence warm and compassionate heart touched many through simple and

effective teachings that are part of our daily lives. His Eminence has indeed mentioned that he loves to talk with youth and indeed has inspired many. Institute also shared the hope for His Eminence's guidance and visit in future.



His Eminence browsing books in the Institute Library during the break

Training on Democracy and Leadership

Jigme Choden, D1C

he five days of training program was conducted from 15th to 19th December, 2014 at the Office of Vice Chancellor, Royal University of Bhutan for students of RUB colleges. Participants include 36 students from the colleges. As participants, four students from Jigme Namgyel Polytechnic took part in the training.

It was conducted with the aim to motivate young people to participate in Bhutan's maturing democracy and become leaders capable of bringing positive change. The main objective of the training was to develop capacity of tertiary students for meaningful political participation, particularly preparing to take on

leadership roles. The theme of the project was focused on common identity, common values and a common bond resulting in social cohesion through exploring and understanding democracy and leadership.

The program focused on working to address the problems of the youth, participation in democracy, and needs of positive change in the system.

Participants were given the opportunities to learn and interact with young local people, common leaders and professionals in democracy and leadership to engage in active participation with no formalities. Professionals shared their own experiences through story based on personal passions and interests. They spoke about the hardships, challenges and opportunities on their way to success.

Through rigorous activities, participants learnt to work as a team, share, refine and transform their ideas into structured forms. Participants were able to identify the characteristics of an effective leader and their leadership styles. By review of appropriate theories, the beneficiaries were able to obtain the deeper understanding of leadership and democracy.



A moment during training session

STAFF UPDATES

New Appointments

- Mr. Yonten Tshering (Asst. Lecturer, Information Technology Department)
- Mr. Bishwanath Pradhan (Adjunct Faculty in Surveying Programme from the National Land Commission Secretariat, Bhutan)
- Ms. Mamta Kharka Chhetri (Supervising Engineer)
- Mr. Dorji Wangchuk (Technician, Civil Engineering Department)
- Mr. Rinchen (Security Guard)

Resignation/Retirement

- Mr. Krishna Lal Sutar (Sr. Lecturer, Electrical Engineering Department)
- Mr. Sangay Chophel (Games & Sports Coach)

Celebrating International Day of Happiness

Pani Raj Koirala, D2C

o commemorate the 60th Birth Anniversary of Fourth Druk Gyalpo Jigme Singye Wangchuck, the entire family of Jigme Namgyel Polytechnic (JNP) conducted a mass cleaning campaign on 20th March, 2015 coinciding with the International Day of Happiness.



Students gathering waste for disposa

The campaign aimed at cleaning and collecting all the non-degradable waste from susceptible zone of dumping waste by pedestrians, excursionists and travelers in town and highway. The area covered from upper Dewathang Town till Indo-Bhutan Gate at Samdrup Jongkhar town.

The Institute considering such initiative as a significant program, carried out to pay our heartfelt gratitude, reverence and prayers to His Majesty the Fourth Druk Gyalpo and also to partly contribute in fulfilling the vision of Gross National Happiness towards conserving environment, making resilient ecological diversity.

Today the proper disposal of waste is the main issue and to manage the waste is individual's concern. People should be mindful in disposing and nurturing the fragile environment. Indeed the campaign aimed to educate and create awareness among the people on proper waste management and remind of 3R's namely recycles, reuse and reduce the waste. This way, the Happiness will be realized within the people in communities by creating greener living milieu and through an act that would benefit many.

The faculty, staff and students of the institute therefore took part in organizing this valuable campaign covering more than 18 km. The program received genuine support from Samdrup Jongkhar Thromde and looked forward for support in future programs.

Participation in Science Exhibition

Lodey Singye, D1C

n 2nd May, 2015 six of us from the institute took part in Science Exhibition organized by Sherubtse College, Kanglung. With invitation from Sherubtse College, six of us in two groups represented the institute to exhibit our innovative model in open competition with various other organization and schools.

We felt that such opportunity is very much apt for our institution to try out on creating technical related innovation that would be beneficial for many. The idea for our model came from the recent earthquake that stuck neighboring country, Nepal and learning from such tragic incidents, we worked on innovation that would help to detect earthquake through alarm. In addition, we also made a Alarm Model that can reduce theft cases. These model may not ensure complete safety but at least as an innovative design, it will certainly be of help in advance. Another group worked on Water Pump Model to pump water from underground.

On exhibiting our innovative model during exhibition at Sherubtse College, our model got much acclaimed by media. Representing institute, we are satisfied for what we have designed after much effort. Out of 23 exhibitors, we bagged



Model of theft and earthquake alarm

6th position. Through our participation, it is mainly to encourage all other students to forward their most innovative ideas in the field of technology to enhance the livelihood of the society.

Visitors	Date
His Eminence Gyalwa Dokhampa	21 st March, 2015
Dasho Ugyen Chewang, Auditor General, Royal Audit Authority	7 th April, 2015
Intellectual Property Division Team, MoEA	15 th April, 2015
Mr. Tenzin, CEO, Bhutan Hydropower Services Ltd., Gelephu	22 nd April, 2015
Mr. Karma Wangdi, Chief Engineer, Bhutan Standards Bureau	6 th May, 2015

Extending Hand to the Serthi Village

Ngawang Namgyel, Asst. Lecturer, Sci. & Humanities Department



Helping Hand club members with beneficiaries of Serthi gewog

he Helping Hand Club of the Institute as a mandate to render social services towards the needy people of local communities around the vicinity, plans various program to raise fund and visit to some of the most rural areas of the Dzongkhag to extend help to people.

This semester, the Club members consisting of 3 staff and 25 students made a journey to Serthi village under Jomotsangkha (Daifam) Dungkhag on

23rd and 24th May, 2015. The village is located three hours away from the nearest farm road on foot. There are around 60 households in the village. The households were chosen after discussing with their village representative so that those students studying in the village are provided help as per their genuine needs.

During visit, the club members distributed stationary items such as notebooks, pens, pencils and geometry boxes worth of Nu.2000/- to 23 students. These students are studying in the community and primary schools who are mostly supported by their single parents and broken families. One of the students, Kelzang said 'I am so happy to receive new books and geometry box.' This initiative have motivated many student like Kelzang to study well

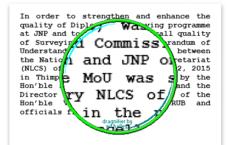
for meaningful future.

The club also donated the clothes collected from the staff and students of the institute to around fifty family members. Choden, an aged lady of the village was touched and impressed with club's help to her villagers. She was expressing thankful words to each and every member of the club. It was one of the worthy journey that club took despite difficulties on the way. At the end of the tour, the Club realized how valuable it is to reach such support though small it brings 'Happiness' in the heart of many needy people living within our own community.

"People will forget what you said. They will forget what you did. But they will never forget how you made them feel" – Maya Angelou

Is All Well With JNP?

Tashi Wangchuk, Asst. Lecturer, IT Department



s part of the Organization Development (OD) Exercise for the colleges of the Royal University of Bhutan, a 5-member team comprised of Mr. Kinley Rinchen, Sr. Planning Officer, OVC, Mr. Pema Chophel, HR Officer, OVC, Mr. Om Kafley, Asst. Professor, CST, Mr. Tashi Phuntsho, Assistant Adm. Officer, PCE and Mr. Passang Dendup, Assistant Adm. Officer, JNP conducted the OD exercise from May 16 - June 3, 2015.

The main objective of the exercise was to study and analyze the performance of the Institute based on the 7S model (Strategy, System, Structure, Staff, Skills, Style and Shared Values) and recommend changes for improvement.

Overall, JNP is doing well as per the analysis made by the OD team. The OD team also made several recommendations to further improve the overall performance of the institute. As an outcome of the OD exercise, the vision, mission and objectives of the Institute have been aligned to that of RUB and the nation. Few of the recommendations include preparation of annual report against the key performance indicators and financial health, revision in the organization structure of the Institute, recruitment of staff against the gaps and redeploy excess staff.

Apart from suggestions and recommendations, the OD team was pleased with the appreciation shown by the employees of the Institute towards the leadership quality shown by the Director and the Management. The team also highly appreciated the Shared Values which has been existing in JNP in terms of harmonious relationship, team spirit, oneness, and recommended the management of the Institute to continue with the practice of conducting events such as staff picnic, pot lucks, weekly tea sessions and staff nights which promote values within the Institution.

The OD team judged JNP as a "Well Performer" and passed on their best wishes to all faculty, staff and students to continue working together and bring in further improvements.

Poly Rolling Trophy: Football

Ugyen Namgyel, Asst. Lecturer, IT Department

n the event of commemorating the 60th Birth Anniversary of His Majesty, the Fourth Druk Gyalpo Jigme Singye Wangchuck, open football tournament was organized by the institute from 20th March, 2015 coinciding with the "International Day of Happiness". The importance of event lies in the health and wellbeing through games and sports.

Under the coordination of Mr. Samten Lhendup and Mr. Ugyen Namgyel, the open football tournament was made possible, where enthusiastic football teams were invited from various organizations, schools and institutions from nearby Dzongkhags. The league cum knockout matches begun with the total of 14 teams (5 Teams from Institute, 2 teams from Dungsam Academy, 4 teams from S/Jongkhar, 1 each from Samdrup Choling, Dewathang & Nganglam).

The matches beginning from 20th March to 19th April, 2015 went uninterrupted with each teams trying their best and keeping their spirit high to prove invincible. One of the undefeated team throughout the matches was from the set team from Dungsam Academy. With high hope, institute team was considered best and even considered to be the winner among many refined teams only to be left defeated by another team from institute towards the final round of tournament. Dungsam Academy and Druk Nganglam made their way to finals after facing much equally competent opponents in several rounds. Dr. Andu Dukpa, the Director of the institute graced the final tournament and after extended play between two finalists, Dungsam Academy became invincible winner of first Rolling trophy of Poly Open Football Tournament, taking home cash prize of Nu. 75,000 and Nu. 30,000 for Runners up with individual memento for both teams.

Organizing such an event has been helpful in encouraging greater participation from growing youth. To ensure such participation, the entry fees for school and college teams were kept at reasonable rate. The tournament was one of the memorable dedications on the occasion of 60th Birth Anniversary of His Majesty, the Fourth Druk Gyalpo with hope that such event will generate social harmony amongst the communities as one.



10th Convocation of Royal University of Bhutan

Namgay Dorji, Associate Lecturer, Sci. & Humanities Department

he 10th convocation of the Royal University of Bhutan was held on 25th February, 2015 at the Royal Thimphu College. His Majesty the King and Her Majesty the

Gyaltsuen graced the occasion of 10th RUB convocation significantly. The presence of His Majesty the King and Her Majesty the Gyaltsuen was the mark of His Majesty's concern for the education and most importantly the graduates of 11 colleges who are asset of the Nation and its future sovereignty. His Majesty said that the youth are the guardians of the country's peace and stability.

Other important dignitaries were the Hon'ble Prime Minister,

(page 6)



10th Convocation of Royal University of Bhutan

Home Minister who is also the Chairperson of the University Council, Education Minister, members of the University Council as well as officials from the RUB including Directors and Deans of the 11 colleges.

His Majesty the King addressed the graduates and awarded degree certificates on successful completion of their education from RUB. In his address, His Majesty emphasized on the essence of the education which is not the learning but just the beginning. "Your education will be a great asset to you, and more importantly, it will be of immense benefit to the country," His Majesty said. It was the day where thousands of gathered graduates of the nation were reminded and inspired deeply by the most valuable words from His Majesty, on national identity, security and prosperity. Regarding graduates as the custodians of the national heritage and cultural identity, His Majesty stated, "our country's narrative helps us define our identity; it sets us apart, and illuminates our future. It will take a lot of effort to preserve our remarkable heritage, but it will be extremely easy to let it erode. Therefore, it is our duty to nurture, reinforce, and pass down our rich heritage to the succeeding generations."

Graduates as a responsible citizen of the nation, His Majesty

stressed on the important roles that each can play, "the greatest asset of our very small country is our people. If our people are able to work together in unity and harmony, nothing can thwart us," His Majesty said.

Towards the building of national goal, His Majesty said "we are making concerted efforts to achieve our National Goal of Gross National Happiness and its four pillars, we are working unremittingly to establish a firm foundation for democracy, and to ensure a prosperous, enlightened and peace-filled future for our people. The fundamental objective of all our efforts is to survive in the 21st century,"

The valuable words of His Majesty have been always inspiring for many and likewise all graduates were shown clear path ahead in the future in fulfilling national goals through His Majesty's remarkable address.

Among the thousands of graduates 214 graduates of Jigme Namgyel Polytechnic were also present and the Institute has produced 2828 graduates so far towards national work force.

"If we live as one family, we need not fear any adversities, for we will be able to brave whatever the future may bring us. Our strength comes from unity and collective service." His Majesty the fifth King.

Academic Excellence

Thinley Wangmo, Asst. Lecturer, Sci. & Humanities Department

uccess and accomplishment is what everyone aspires on the completion of any task that has begun. It is the matter of elation and joyful moment when ones' effort and perseverance is well paid. Such was the moment for Mr. Namgay Dorji, Associate Lecturer who was awarded Gold Medal for Academic Excellence in M.A English on the First Convocation of Adikavi Nannaya University held on 17th April, 2015, India.

Adikavi Nannaya University was established on 22nd April 2006 by the State Government of Andhra Pradesh and currently there are around 250 colleges of the State under the University. The University also offers Intermediate, Masters and Ph.D. programmes in various field.

For Jigme Namgyel Polytechnic, it a matter of pride for a faculty on achieving such academic recognition from outside the county. The family of the Institute appreciated and congratulated Mr. Namgay Dorji for his achievement through the words of Director and he did mention the worth of receiving Academic Excellence award as an example to many aspiring faculty members.



Mr. Namgay Dorji, the recipient of the gold medal

On his achievement, he shared that it has not been completely favorable in keeping the aim high. "To keep hope high and walking the road to higher accomplishment has never been sweet and comforting but it is these trials and tribulations that counts and regarded sweetest." He said. He still aspires to be more vibrant and grow to contribute in the world of academic circles.

JNP: A Leading Center for Appropriate Technology

Thinley Wangmo, Asst. Lecturer, Sci. & Humanities Department

enter for Appropriate Technology was established in the year 2011 in collaboration with the Samdrup Jongkhar Initiative (SJI) division of the Lhomon Society, a Civil Society Organization (CSO) which has been set up in accordance with the vision of His Eminence Dzongsar Jamyang Khyentse Rinpoche.

The CAT has been established as a center for research and innovation in the field of appropriate technology. The center aims to enhance research and innovation at JNP and foster productive, entrepreneurial and self-reliant activities for socioeconomic development in rural communities in Samdrup Jongkhar Dzongkhag and other regions in Bhutan. In order to strengthen the operations of the center, fund has been secured from Global Development Network via Department of Research and External Relations, (DRER) RUB a workshop was organized on June 16, 2015 to revise the working documents and to develop webpage for the center. In addition, an amount of Nu. 4,29,500 has been secured from DANIDA Project via DRER to procure necessary equipment and machineries to run the center effectively.

The center has numerous plans in achieving the objectives



and explore in providing solution to the problems faced by

society in a sustainable and eco-friendly way.

Few of the projects undertaken by the center in collaboration with SJI was installation of prototype solar dryer in Lauri gewog, rainwater harvesting system in Dewathang Primary School and waste segregation project using locally available materials.

The center with strengthened committee members from four departments of the Institute with one external member from SJI look forward towards achieving its mission in extending necessary support through needs assessment study in rural areas in the region and building appropriate technology.

Staff Night – A Moment of Togetherness

Natasha Kakati, Asst. Lecturer, CED

ometime in mid-April, music enthralled the halls and office rooms as staff of Jigme Namgyel Polytechnic (JNP) were rigorously involved in practicing various cultural items including dances and songs. Every individual awaited in excitement for the Staff Night scheduled on 18th April, 2015.

The Staff Night as a special program is held once in every three years as a simple gesture from the staff to students in creating social harmony in the Institute. This program has been a living culture of the institute as an educational society where maintaining strong bond within teacher and student is seen vital. Through this culture, it gives a way to be thankful to one another, paying gratitude and generating contentment that causes peace.

(Page 8)

In pictures: Jigme Namgyel Polytechnic, NOW and THEN



Jigme Namgyel Polytechnic, NOW as it stands



Jigme Namgyel Polytechnic during 1990's, THEN known as Royal Bhutan Polytechnic.

Staff Night – A Moment of Togetherness

During this very moment, staff could find intense gesture of excitement and curiosity among students, to see their most serious appearing tutor dance and to catch glimpses of true nature in reality. The show begun with welcome note by Director followed by Zhapten as the event was dedicated to the 60th Birth anniversary of the Fourth Druk Gyalpo.

As the show commenced with boedra dance the floor was filled with whistle and applause. This actually was another cacophonic rhythm from the audience excited in seeing new faces on the stage. "Apart from seeing them studious and always look scholarly, I was excited to see the lighter side of teacher," said a first year civil student.

Apart from staff, their children and spouses also participated in adding joyful moments as a part of family. The night was ignited with diverse cultural show. Foreign faculty of the institute also staged semi-classical dance as a spice in cheering night show. Dzongkha Lopen in his new avatar performed a solo song playing his dram-nyen. Many could not recognize him and that made the mood of that night more blissful. Above all when the Chief-provost sang the most romantic song of 90s, floor moved like a slow wave in a rhythm as if he was a maestro and the microphone in his hand was his baton. "For some time I felt that Udit Narayan came here in JNP hall," said a student who was

totally driven away by the song.

However the night became more special with the presence of entire students and people from the local community. The staff appreciated the trainees for being an important part of their life and the evening ended joyfully with a hope in each and every one's heart to welcome such events in near future.



त्ञुग्गमैषअर्श्रेयद्वैयत्र्द्वैय

Publication Team

Advisor: Norbu Tshering, Dean (RIL)

Coordinator: Alakesh Sarmah, Asst. Lecturer, Civil Engg. Department Editor: Namgay Dorji, Lecturer, Sc. & Humanities Department

Jyotismita Taye, Asst. Lecturer, Civil Engg. Department Bevek Subba, Asst. Lecturer, Electrical Engg. Department

Tashi Wangchuk, Asst. Lecturer, IT Department

Thinley Wangmo, Asst. Lecturer, Sc. & Humanities Department

Designer: Sonam Jamtsho, ICT Officer, IT Services

Student Reporters:

Purna Bdr. Gurung Member (D2C)
Roshan Gurung Member (D2C)
Pani Raj Koirala Member (D2C)
Purnima Pradhan Member (D2CHN)
Tshetrim Dawa Member (D2CHN)

