CONTENTS

From the Editor's Desk

Campus News

Nature Talk

- Himalayan Quail

NU Ayurveda Health Club

- Aamla

Student Editorial Special

- Yosemite Firefall

Expressions

- Squirrel Squirrel
- First step into the real world

Achievements

Research @ NU

From the Editor's Desk

Dear Readers,

As the semester is coming to an end, different people are working for different ends in mind. The faculty members are busy finishing their syllabus, and students worried about mountainous syllabus, the newsletter team strives to uphold the deadlines and provide the newsletter on time. So, we are here again with another monthly issue of NU Newsletter.

The campus saw quite some activity and all has been covered diligently by our reporters. The Ayurveda club presents an interesting study on the uses of Amla. The Student Editorial section and the Expressions section have interesting reads for our readers.

With these words, I present to you, the April 2016 issue of NU Newsletter.

Happy Reading!

Best Wishes,

Anshima P Srivastav

Editor In-Charge,

NU Newsletter

anshima.Srivastava@niituniversity.in

Campus News

Lecture by Dr. Amit Yadav from Dure Technologies:

Mr. Amit Yadav from Dure Technologies visited NIIT University on 4th March, 2016. He gave a presentation about his company and had an interaction with the students regarding a meaningful long term partnership with NU and subsequent internship and placement opportunities for them.

Elocution Competition at NU

An elocution competition was held in the campus on 9th March, 2016 in the Auditorium. The participants showed their oratory skills and captivated the audience with their mesmerizing performances on the stage. After a good number of inspiring and wonderful speeches, three of our students finally emerged as winners, Sanya Mittal (B. Tech III) was placed first, Rajat Rai (B. Tech II) stood second and Nirali Sampat (B. Tech II) stood third.

NU Students shine at SMPL 2016

NU students participated in the cricket league SMPL, organised by St. Margaret Engineering College, Neemrana. They competed against the home team St. Margaret in their first match on 1st March, 2016 and put on a brilliant effort with both the bat and the ball, to defeat them by a margin of 9 runs.

Holi Celebrations in NU

Holi was celebrated on the campus in the evening of 17th March, 2016. Students, as well as some of the faculty members, played and danced for a long time as the festival of colours brought them closer

Opening of HOD food joint

A new food-serving joint, Hot Oven Delivery, commenced operations in the campus on 14th March, 2016, replacing the earlier operational Food Park. The feedback from students was generally positive.

Book Launch at NU

An event for the launch of a book named 'Bhor Se Saanjh' by Apoorva Garg was held on the NU campus on 5th March, 2016. The book launch event also consisted of a great performance by 'The Project Unplugged'.

Shramdaan 2016

The Anti-Litter Campaign, along with the students of B.Tech.III and B.Tech.I, participated in Shramdaan 2016. The programme was held on 13th March, 2016, with 22 people from NU, which included faculty and staff members of NU. The Shramdaan drive was held in Majrakath village. People of varying ages were present, starting from 15 to 60. The determination with which they dug and collected the soil place was commendable. They showed the NU students that age does not matter , it's your willingness that drives you to work. Every NUite contributed in Shramdaan by either digging the land or by taking the collected soil to a particular place. The drive went on for 2 hours and it was a good initiative.

Delegation from Indonesia

A five-member delegation from the University of Indonesia, visited NU Campus on 14th March, 2016. Members of the delegation were from different educational institutions of Indonesia. They were accompanied by Mr. Cinky Priyanto of NIIT, Indonesia.

On their arrival, they were received by Major Gen. (Retd.) A. K Singh, Dr. Kapil Pandla and Dr. Shivendra Mathur. During the visit, they interacted with Prof. Parimal Mandke, Prof. Sunil

Khanna, Vice- President NU. Finally, the visitors took a campus tour and planted trees before leaving for Gurgaon.

Microsoft Cloud Technology Session

Microsoft conducted a two day technical session from 12th–13th March, 2016 on 'Microsoft Azure Cloud technology and IoT (Internet of Things)'. This session was headed by technical experts from Microsoft. NU students got an excellent opportunity for hands-on experience with various developer tools and exclusive Microsoft products.

Session on Router Configuration

A special training session was conducted on 11th March, 2016 for B.Tech.III (CSE/ECE) by NIIT Ltd. on 'Basics of Router Configuration'. Experts from NIIT were:

- Mr Anil Kumar Sharma, Divisional Manager, IT Infra, NIIT Ltd
- Mr Amit Garg, Network Consultant, NIIT Ltd.

This session also witnessed the presence of the NU Leadership Team.

Eminent Personality – Ms. Geeta Mathur

Ms. Geeta Mathur, Chairperson of the Audit Committee, NIIT Ltd., visited NIIT University on 1st March, 2016.
During the visit, she had a very engaging discussion with NU students on the topic 'Potential Start-ups'. The session was chaired by Mr. Rajendra S. Pawar, Founder, NIIT University.

Eminent Personality – Dr. Prafulla Agnihotri

Dr. Prafulla Agnihotri, Director IIM,Trichy, visited NIIT University on 1st March, 2016.
He was accompanied by Dr. Smarajit Dey, Member, BOM, NIIT University. During the visit, he had a discussion with Mr. Rajendra S. Pawar, Founder, NIIT University, regarding possible collaboration/association with NU.

Delegates from Cognizant

A four-member delegation from Cognizant visited NU on 29th February, 2016 & 01st March, 2016. Members of the delegation were:

- Mr. Chandrasekaran Ramakrishnan, Group Chief Executive (Technology & Operations), Cognizant
- Mr. Srikanth Srinivasan – Senior Director, Human Resources
- Mr. Ashok Ranjith R – Human Resources, Talent Acquisition
- Mr. Sameer Dhanrajani – Business Leader @ CTS

During the visit, they had a detailed discussion with the President, Leadership Team, Area Heads and Faculty Members of Computer Science regarding collaboration with NIIT University in the area of data sciences. Mr. Rajendra S. Pawar, Founder, NIIT University, presided over this high level meeting with the eminent delegates from Cognizant.

Nature Talk

HIMALAYAN QUAIL

NThe Himalayan Quail (Ophrysia superciliosa) or Mountain Quail is a medium-sized quail belonging to the pheasant family. It was last reported in 1876 and is feared extinct. This species

was known from only 2 locations (and 12 specimens) in the western Himalayas in Uttarakhand, north-west India. The last verifiable record was in 1876 near the hill station of Mussoorie. The red bill and legs of this small, dark quail and white spots before and after the eye make it distinctive. The male is dark grey with bleak streaks and a white forehead and supercilium. The female is brownish with dark streaks and greyish brow. Like the male it has a white spot in front of the eye and a larger one behind the eye.

STATUS AND CONSERVATION

Recent Indian records seem unlikely given that the area is well populated, the habitat extensively altered by human activity, and recent surveys have not located birds. Tourism is a key economic factor of the region, so it seems unlikely that these birds could escape the eyes of observers. However there is no evidence and the habitat available here is no longer suitable due to the population pressure. The early 1990s 'sightings' seem to have been based on a misidentification; the habitat type in the area in question is different (conifer forest) anyway. In addition, there is a recent set of possible sightings around Nainital in 2003.

Judging from the species' known distribution and habitat requirements, it is possible that it was present in western Nepal too or even still is. However, a series of late 20th century scientific expeditions to Uttarakhand, including by respected organizations such as the Bombay Natural History Society (BNHS) have failed to turn up evidence of the species. Yet, the species has not been formally declared 'extinct' by IUCN.

Divya Sara Kurian
B. Tech.(Batch 2013-17)

NU Ayurveda Health Club

AAMLA

Aamla is full of medicinal properties and is the richest possible natural source of vitamin 'C'. It contains essential elements for keeping our body healthy and resistant to germs and infections. It is capable of setting right any imbalance in any of the three basic elements of the body – vata (the air), pitta (the fire) and kapha (the water).

The best property of this fruit is that it doesn't shed its ambrosial qualities even if it is dried totally or heated on fire. Its extreme richness in vitamin 'C' is not only good when consumed internally but equally beneficial when applied over the skin or hair. It is a well-known fact that

all the natural dyes have contents of Aamla liberally mixed in it. Even if you apply Aamla paste on your hair, it can turn gray hair into black.

Aamla is one of the essential ingredients of 'triphala' churna (powder). This is the most important and most popular combination of Indian herbs in Ayurvedic system of medicine. The other two ingredients are known as 'Harda' & 'Behda'. The combination of these three super herbs is so wonderful that it can create miraculous results in the body and mind. It has the power to balance tridosha (imbalance of vata, pitta and kapha).

Aamla sherbet (extract the juice of fresh Aamla; better to heat a bit in hot water, blend in food processor, and then extract the juice by squeezing). Add to this fresh juice, some rose water for flavour. Keep in a glass bottle with some preservatives and add sugar to taste when serving. This sherbet is an ideal tonic during the summers. Have a glass of this sherbet early in the morning to pass your day comfortably. This sherbet is especially efficacious to cure even the chronic piles and bleeding from any unknown origin.

Aamla is used as a medicine to cure the diseases/disorders and ailments such as acidity, baldness, boils in the mouth, cataract, chicken-pox, common cold, common cough, cuts, constipation, chronic headache, chronic fever, darkness before the eyes, discharge of albumin, dryness in the body, diabetes, dyspepsia, dysentery, eye troubles (redness etc.), early ejaculation, general debility, gout, hoarse voice, hair-loss, high blood pressure, hydrocele, hysteria, indigestion, itching on the body, impure blood, eruptions, jaundice, loose motions, lice in hair, loose vagina, menstrual disturbance, migraine, nose bleeding, navel displacement, obesity, pimples, piles, poisonous insect-bite, rashes, restlessness, small-pox spots, stomach disorders, urinary troubles(burning or bleeding urine).

Jagan Reddy and Diamond Telagathoti
B. Tech (2014-18)
NU Ayurveda Health Club

Student Editor Special

Yosemite Firefall

The Yosemite Firefall was a summer time event that began in 1872 and continued for almost a century, in which burning hot embers were spilled from the top of Glacier Point in Yosemite National Park to the valley 3,000 feet below. From a distance it appeared as a glowing waterfall. The owners of the Glacier Point Hotel conducted the firefall. History has it that David Curry, founder of Curry Village, would stand at the base of the fall, and yell "Let the fire fall," each night as a signal to start pushing the embers over.

Firefall ended in January 1968, when the National Park Service ordered it to stop because the overwhelming number of visitors that it attracted trampled meadows to see it, and because it was not a natural event. NPS wanted to preserve the Valley, returning it to its natural state. The Glacier Point Hotel was destroyed by fire one year later and was not rebuilt. The Firefalls were performed at 9 p.m. seven nights a week as the final act of a performance at Camp Curry.

Now, the Horsetail Fall is a seasonal waterfall that flows in the winter and early spring. The fall occurs on the east side of El Capitan. If Horsetail Fall is flowing in February and the weather conditions are just right, the setting sun illuminates the waterfall, making it glow orange and red. This natural phenomenon is often referred to as the 'Firefall', a name paying homage to the manmade Firefall that once took place in Yosemite.

This waterfall descends in two streams side by side, the eastern one being the larger, but both quite small. The eastern one drops 1,540 feet (470 m), and the western one 1,570 feet (480 m), the highest fully airborne waterfall in Yosemite that runs at some point every year. The waters then gather and descend another 490 feet (150 m) on steep slabs, so the total height of these waterfalls is 2,030 ft. (620 m) to 2,070 ft. (630 m).

Ayushi Goel
B. Tech. (Batch 2015-19)

Expressions

Squirrel Squirrel

Squirrel squirrel, you are so lovely
Your voice is so sweet, and you look like joey (baby kangaroo)
Squeak that comes from your voice, touches my heart
Removes my loneliness and fills me with joy
Sometimes you look at me, as if I am known to you
So you move slowly towards me
Sometimes you are fearful of me, and you continue to look at me
And then, you run away each time if you see me coming towards you
You are so lovely, you are so lovely
Squirrel squirrel, you are so lovely

Neeraj Sharma

MBA II

First step into the real world……

The first step is scary but if you put it with full grip, you will definitely climb the ladder of success.

It is full of happiness, joy, sadness, tragedy, dreams, loss, hopes, contentment, desire, love, and hate. Everything that can make us aware of reality. If the fake world, or fantasy world you are living in, is full of things you expected it to become, in the real world, everything is a surprise. You will be the player, no saves, and resets, everything keeps moving forward. Yes, reality is kind of, scary. But it is where we belong, and we need to run, so that we are not left behind.

Over here, there is no one who cares. I do not mean there is no one who cares, I am not saying caring relationships are not available, I am saying no one cares if you miss a payment; they will simply come get your car or change the locks. And it will go on your credit report, and those people won't care. And the next time you apply for an apartment they will just turn you down, and those people really won't care.

No one cares if you creep into too much debt month by month. One day they will simply foreclose. No one will be emotional about it except you. They won't care.

There is not a grade report, no drop-add date, no gpa, no counselor or staff with a smile and understanding heart. Just a record of promises made and promises kept. No one warns you when you are about to break one, because no one cares what that record is. They simply adjust what promises they will let you make.

It is more unemotionally fair than you can probably imagine. And it is absolutely wonderful. You get to be the one who cares, not just about you but about others. To be that person, be around people who will care about you, helping you develop a record of promises kept. You can find these in a number of places (ask me if you like), but find them. Be open to who they are, open yourself to them. Learn together how to help each other succeed.

One final thought: to do all this, you have to walk away from most of the definitions of self-worth that prevailed in college. It no longer matters what anyone thinks about what you drive and what you wear or how cool you are. If you care about what other people think, you will soon be breaking promises. Forget the Bimmer, until the day you can write a check for it.

Sunny Surana

B. Tech. (2012-16)

Achievements

Prof. Sunil Khanna elected President of AMI

Prof Sunil Khanna, Vice President, NIIT University, has been elected as the President of Association of Microbiologist of India (AMI). AMI is one of the oldest and most reputed scientific organizations of the country. Dr. Khanna will be assuming charge from April 2016.

Sanction Letter for Project

Dr. Mohd Anul Haq (Assistant Professor, GIS Area) received sanction letter for his project entitled 'Modelling the Snow Properties for their Classification and Identification' having cost of 34 lakhs. This project has been accepted in 'Big Data Analytics – HSRS Data scheme (BDA-HSRS)', a cluster based multi-institutional networked project. Hyperspectral Remote Sensing can be used for the identification and mapping of different snow cover characteristics, such as reflectance/ albedo, snow grain size, moisture content in snow, snow mixed objects study and snow surface temperature.

Book Publication: Prof. Trupil Gordhanbhai Limbasiya

Prof. Trupil Limbasiya published a book, titled 'Novel Approach for Biometric Based Remote User Authentication System' in the Lambert Academic publisher.

NU students bag top position at IIT Kanpur

Akshay Agarwal (B. Tech III), Rahul Agarwal (B. Tech. III) and Manash Jyoti Deka (B. Tech. III) teamed as 'Wizards at work' participated in the Techkriti Appathon 2016, in IIT Kanpur sponsored by Juniper Networks. They bagged the first prize with their application named SWM along with the hardware implementation in the field of Internet Of Things. The project was under the guidance of Mr. Jetendra Joshi

NU Student @ conf.kde.in International Conference

Boudhayan Gupta, from the B. Tech. III (CSE) was invited to speak at conf.kde.in 2016, an International conference on 'KDE and the Wider Free and Open Source Software Ecosystem', held at LNMIIT Jaipur, on 5th-6th March, 2016. He delivered two talks to an audience of software engineers, managers and students from India and abroad.

The conference also included workshops on Qt, Git and other widely used software technologies, as well as hackathons. KDE is one of the organisations accepted by Google Summer of Code; many prospective GSoC students attended the talks and workshop sessions to get a head start into their Summer of Code projects.

Internshala Student Partner

Akhil Dandamudi from B. Tech. III (CSE) has been selected as Internshala Student Partner, from NIIT University.

Research @ NU

Dr. Anuradha Parasar presents paper at a Conference of EU-India E-QUAL Project

Dr. Anuradha Parasar presented a paper on 'Faculty in Digital Age Classroom: Challenges & Opportunities' at International Conference on Disciplinary Discourses on the Use of Technology 'IACDDI' from 17th-18th March, 2016 at University of Hyderabad. The conference was organized under the EU-India E-QUAL Project.

Papers published by Dr. Ganapathirao Maradana

Dr. Ganapathirao Maradana published various papers that included:

Ganapathirao M. , Ravindran R. and Samyuktha, N. : Effect of viscous dissipation on MHD mixed convective flow over a vertical wedge embedded in a porous medium with non-uniform slot suction or injection, Journal of Porous Media, DOI: 10.1615/JPorMedia.v19.i1.40, Pages 47-63, 2016 in the International Journal named as 'Journal of Porous Media' indexed in Science Citation.

Samyuktha, N., Ravindran R. and Ganapathirao M.* (Corresponding Author): Unsteady mixed convection flow over a vertical plate in a porous medium with non-uniform slot suction

(injection), Journal of Porous Media (Accepted)in the International Journal named as 'Journal of Porous Media' indexed in Science Citation.

Ganapathirao M. and Ravindran R.: Non-uniform slot suction/injection into mixed convective MHD flow over a vertical wedge with chemical reaction, Procedia Engineering, 127 (2015) 1102-1109in the International Journal named as 'Procedia Engineering' indexed in the Scopus.

Paper Presentation by Dr. Ganapathirao Maradana

A paper titled 'Non-Uniform Slot Suction/Injection into Mixed Convective MHD Flow Over a Vertical Wedge with Chemical Reaction' in the International Conference on Computational Heat and Mass Transfer (ICCHMT-2015). The Conference took place from 30th November-2nd December, 2015, at National Institute of Technology, Warangal, India.

A paper titled 'Soret and Dufour Effects on Unsteady Mixed Convection Flow over a Vertical Cone in Porous Medium with Non-Uniform Slot Suction/Injection' in the International Conference on Recent Trends in Engineering & Material Science (ICEMS-2016). The Conference took place from 17th – 19th March, 2016, at Jaipur National University, Jaipur, India.

Rishabh Kumar's Conference in Dubai

Rishabh Kumar of B. Tech. III (CSE) and his colleagues Manash Deka, Lakshya Gaurav Moitra and Anshumali Singh published a research paper in the domain of 'Smart Environment', under the guidance of Prof. Jetendra Joshi. Rishabh Kumar presented the paper at the second IEEE CIICS, 2016, in Dubai, held from 13th-15th March, 2016.

Lakshya Gourav Moitra and Anshumali Singh get two Research Papers Published

Anshumali Singh and Lakshya Gourav Moitra of B. Tech. III (ECE) published two research papers on the topics 'When Social Networking Meets Internet of Things' and 'DASITS – Driver Assistance System in Intelligent Transportation System', under the guidance of Prof. Jetendra Joshi , in IEEE, an International journal. They presented the paper in the conferences in Germany as well as Switzerland, from 21st-24th March, 2016.

Anoop Sharma's Paper Published

Anoop Sharma, MBA F&B VIII, got his paper accepted for presentation in the National Conference on Business Management. His research is on '21st Century: Role of Academic Research', scheduled to be presented on 17th April, 2016 at IIC, New Delhi.

Prof. Trupil Gordhanbhai Limbasiya: Conference in Udaipur

Prof. Trupil Limbasiya published a research article, titled 'A User Privacy Conserving Authentication System Using Smart Card based on Biometric Identity' in the second

International Conference on Information and Communication Technology for Competitive Strategies, 2016, by ACM. The Conference took place from 4th-5th March, 2016 at Udaipur, India.

Rishabh Kumar's Paper Published

Rishabh Kumar presented a research paper in the 2nd IEEE CIICS 2016 conference in Sharjah, Dubai from 13th-15th March, 2016. The title of the research paper is 'Cloud Based Energy Efficient Smart Cooling System System'.

The co-authors are: Jetendra Joshi, Rishabh Kumar, Manash Jyoti Deka, Anshumali Singh, Lakshya Gaurav Moitra and Aman Tyagi. The paper was written under the guidance of Mr. Jetendra Joshi.

Research paper

Anshumali Singh, Lakshyagourav Moitra and Manash Deka from B. Tech. III wrote two research papers under the guidance of Mr. Jetendra Joshi, which have been selected for 30th IEEE International Conference on 'Advanced Information Networking and Applications (AINA-2016)' to be held at Crans-Montana, Switzerland from 23rd-25th March, 2016.

'PeerXP', a start-up company by K Manoj Kumar from B. Tech. II (CSE) class, has been selected for the 'Rise Conference 2016' hosted by WebSummit, a global start-up summit to be held in Hong Kong from 31st May-2nd June, 2016.