## NIIT UNIVERSITY NH-8, Delhi-Jaipur Highway Neemrana, District- Alwar, Rajasthan-301705

Annual Report NIIT University, 2019-2020

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## 1. Introduction

NIIT University has been established and recognized by the Government of Rajasthan vide Act No. 5 of 2010 dated April 3rd, 2010. NIIT University (NU) has a mission to help society reach the highest international levels of excellence, through the pursuit of education, learning and research. The University has been dedicated in ensuring great careers for its students by forging deeper industrial links, creating a research-oriented culture and ensuring seamless education using the best technology available.

## 2. VISION

Be a role model of learning, research, innovation and sustainability for a knowledge society.

## 3. MISSION

- To deliver distinctive education through the pioneering use of technology.
- To develop superior talent through partnerships with industry and society.
- To promote research, discovery and entrepreneurship through collaborative action.
- To build responsible citizens of the world, by instilling a culture of seamlessness in all facets of life.

## 4. Ninth Convocation Ceremony

The NIIT University marked its 9<sup>th</sup> Convocation Ceremony on 19<sup>th</sup> of October 2019. The Chief Guest for the occasion was Professor K. VijayRaghavan, Principal Scientific Adviser to the Government of India

226 students were awarded Bachelors of Technology degree, 05 - Master of Technology degree, 64 - Master of Business Administration degree, 09 Post Graduate Diploma in Banking & Finance and 04 students were awarded Doctor of Philosophy.

Following students were conferred with the Dr. Karan Singh Gold Medal for outstanding academic performance:

- 1. Mr. Rishabh Kumar Kandoi (B. Tech: 2015-2019, Computer Science and Engineering)
- 2. Mr. Siddharth Swain (M. Tech: Geographic Information Systems, 2017-2019)
- 3. Mr. Vamsi Yerra (MBA:2017-2019, Business Analytics)

The Ram Rajindra Malhotra Medal was awarded to Ms. Antra Tripathi (B. Tech:2015-2019, Computer Science and Engineering) for her overall all-round performance.

#### 5. Eleventh Annual Lecture

The 11th Annual Lecture took place on 23rd November 2019. "It's a historic day for NU today," said Mr. Rajendra S Pawar, Founder, NIIT University declaring University's 10-year mark of establishment. Mr. Vijay Thadani, Co-Founder, NIIT University, reflected on the past 10 years and the foundational role played by Dr Karan Singh in shaping and steering the University.

Also, on this auspicious occasion, Padma Vibhushan recipient Dr. Karan Singh was conferred with the title of 'Doctor Honoris Causa'. The honour was bestowed by the incoming Chairperson, Dr. K Kasturirangan.

As over the past years, the Annual Lecture was delivered by Dr. Karan Singh, on the thought-provoking and currently relevant issue, "Science and Religion: Is There a Conflict?".

#### Lecture by Dr. Kasturirangan:

On 23rd November 2019, Dr. Kasturirangan, eminent space Scientist, Padma Vibhushan, former Chairman of ISRO and Chairperson Designate, was invited for the customary Annual Lecture at the University. The event also witnessed the announcement of Dr Kasturirangan the new Chairperson of NU.

On 24th November 2019, Dr Kasturirangan gave a talk on "*My Musings on Chandrayaan 2*". In his lecture, Dr Kasturirangan shared his vision on the ambitious space missions of India including Chandrayaan 2 & Mangalyaan.

#### 6. MoU/MOA Signed

## - MOA with Data Security Council of India (DSCI)

NU Signed Memorandum of Association (MOA) on 23rd December 2019 for conducting joint programmes in Cybersecurity and Privacy with Data Security Council of India(DSCI). NU and DSCI will work jointly as academic partners & focus on various areas for Cybersecurity and Privacy. The core objectives of this collaboration are:

- Strengthening further research and innovation in the field of cyber security
- Contributing to the realization of national goals and strategies of cyber security
- Promoting technology thinking in cyber security and developing security technology community
- Developing niche skills and capability for cyber security technology development and entrepreneurship
- Creating a conducive ecosystem for translating research into market-ready products
- Incubating innovative cyber security ideas and start-ups

• Foster co-creating technologies and products with leading industry players and government institutions

## 7. Academic Programmes and improvements and Innovations in curricula and teachinglearning

Academic Programmes at NU follow the University's core principles of *Industry-linked*, *Technology-based*, *Research-driven* and *Seamless* as the foundation. Through the transformational-process-involving courses, R & D projects, industry practices and other cocurricular components, the programmes seek to create exceptional leaders trained to operate in tomorrow's complex technology-oriented business environment.

B. Tech.

NU offers Bachelor of Technology Programme in the areas of Bio Technology, Computer Sciences and Electronics & Communications Engineering.

• M. Tech.

NU offers Master of Technology Programme in the areas of Educational Technology and Geographic Information Systems.

Integrated M. Sc. in Computer Science Programme

The Integrated M. Sc. Computer Science Programme at NU uses the university's four core principles: Industry-linked, Technology-based, Research-driven and Seamless, as its foundation. The 4-Year Programme is offered primarily to students who have opted for Physics, Chemistry and Biology and dropped Mathematics in Class 11 and 12 (or equivalent) and who wish to pursue a career in Computer Science.

Integrated MBA

4-Year Integrated MBA Programme is an innovatively designed degree programme meant for young students with managerial and leadership aspirations. The programme offers comprehensive management education combined with in-depth specialisation in a specific domain. Each Integrated MBA student will be mentored by an eminent corporate leader. As they share their rich experience and insights with students through scheduled personalized interactions using technology, students discover the nuances of real-life corporate excellence and accelerate their own integration into industry. The Mentorship Programme is just one of the many ways in which NIIT University transforms an academically-rich management programmes into the management programmes of the Future.

Industry Sponsored Programmes

NU believes that collaboration between the University and Industries can have a deep impact on the progress and growth of both. In order to achieve this, NU has launched a suite of Industry Sponsored Programmes.

Some Industry Sponsored Programmes that have been launched and are running successfully are:

- MBA in Business Analytics with WNS
- MBA in Intelligent Data Science with NIIT Technologies
- MBA with NIIT Ltd
- M.Des. with NIIT Ltd
- Ph. D.

NU offers Ph. D in the areas of Educational Technology, Bio Technology, Computer Sciences, Electronics & Communication Engineering, Natural Sciences and Management.

• Expansion of Laboratories

BT Area at NIIT University enhanced their laboratory capabilities with the development of Animal Cell Culture facility. Two instruments with accessories were added to the infrastructure, together with the conversion of existing laminar airflow and dedicating an entire room for the cell culture facility. New instruments procured during the process are one temperature and humidity controlled CO2 incubator for the growth of animal cells, two CO2 cylinders with a regulator for running the incubator, and an inverted microscope for the visualization of the animal cells. Other consumables to run the facility were also procured according to the requirement. In addition to the facility, NU in association with the Biotechnology area has also formed a Bio-ethical committee for monitoring and addressing any related issues. ECE Labs have been modified as per the requirements of Capstone and R & D Projects.

Augmentation of Curriculum

Course Architectures across all the programmes have been modified according to the need of industry as per the recommendations of Programme Committee.

Maths-CV-IP Project – Learning Innovation

Students of Computer Vision, Digital Image Processing, Learning Technology Project and Calculus courses have worked on Industry Linked CV-DIP- Math projects as integral part of their respective course instructions. In these industry linked pedagogic project based learning engagements total 210 students worked online from home using Trello Boards under the guidance and supervision of course faculty.

## 8. Students on Roll till March 2020

Programme	Batch	Μ	F	Total	CSE	ECE	BT
B.Tech.	2014	1	2	3	3	0	0
B.Tech.	2015	12	4	16	15	0	1
B.Tech.	2016	163	44	207	187	12	8
B.Tech.	2017	131	41	172	152	13	7
B.Tech.	2018	145	38	183	162	6	15
B.Tech.	2019	109	40	149	138	6	5
IMBA	Jul, 2018	18	6	24			
IMBA	Jul, 2019	17	11	28			
MBA (BA)	Aug, 2019	13	7	20			
MBA (IDS)	Jul, 2018	39	15	54			
MBA (IDS)	Jul, 2019	51	9	60			
MBA (NIIT)	Jul, 2018	18	5	23			
M.Des.	Jul, 2018	16	6	22			
<b>M.Sc. (CS)</b>	2017	2	3	5			
<b>M.Sc. (CS)</b>	2019	5	1	6			
M. Tech. GIS	Jul, 2018	6	3	9			
M. Tech. GIS	Jul, 2019	1	3	4			
M.Tech. ET	Jul, 2018	1	2	3			
M.Tech. ET	Jul, 2019	0	1	1			
M.Tech. ET	Jan, 2020	0	1	1			
Ph.D. BT	Jul, 2012	0	1	1			
Ph.D. ECE	Jan, 2014	2	1	3			
Ph.D. MGT	Jan, 2014	2	0	2			
Ph.D. SCI	Jan, 2017	1	0	1			
Ph.D. CSE	Jul, 2016	1	0	1			
Ph.D. MGT	Jan, 2016	1	0	1			
Ph.D. MGT	Jul, 2016	0	1	1			
Ph.D GIS	Jan, 2017	1	0	1			
PhD ET	Jan, 2017	1	0	1			
PhD CSE	Jan, 2017	1	0	1			
PhD GIS	Jul, 2017	1	0	1			
PhD MGT	Jul, 2017	1	0	1			
PhD ET	Jul, 2017	1	0	1			
PhD ET	Jan, 2018	0	1	1			

PhD GIS	Jul, 2019	1	0	1
Total		762	246	1008

#### 9. Community Connect Programme

NIIT University is committed to give its students a holistic development tending not just to the technical education but also the moral one. The core principle of Seamlessness expounds the same, wherein students study subjects not directly connected to their field, but which give them the basics of all sciences. One of the declared educational objectives of NU of 'preparing well-round' citizens is practiced in Community Connect.

This program connects students with the community at large through a Mentor Mentee relationship. The students regularly visit local schools under our '*Each One, Teach One'* Program. The inclusion of this program was done with the intention to bring them face to face with the social and educational issues in basic education. The objective is to develop them into free thinkers, self-driven entities, sensitive to social cause, environment, and culture, contributing positively for the betterment of society and mankind proving themselves as truly educated global citizens.

In the year 2018- 2019, we have conducted Community Connect Visits in all round two semesters on every Saturday in Government schools namely., PratapSinghpura, Janak Singh pura and Mohladia. NUtons prepared power point presentations and Posters to teach school mentees. Also, NUtons have conducted few activities, games to understand the level of creativity amongst primary level kids. Through teaching various topics viz., Swachchta Abhiyan, hygiene, water conservation, soft skills, Indian constitution, spoken English, etiquettes and manners, Indian freedom fighters, basic management during every visit they have at least able to give then insights to develop themselves in a right direction in their curriculum. During the academic year 2018- 19, a total of 214 students have participated in the community connect program along with the student mentors and faculty coordinators. Also, NU contributed help community during various events as and when needed at several schools, colleges, and Hostels.

During the Covid-19 Pandemic, NU served to the society, a better example as providing then hygiene facilities, food, and necessity goods.

Please find glimpse of few schools and local community-











#### **10. Library Collection**

LIRC is fully computerized and uses Koha (Open Source ILS – Integrated Library System) as the Library Management System. It focuses more on digital contents. All digital resources, LIRC catalogue and details can be accessed at http://library.niituniversity.in/ within NU campus. It has a good collection of text and reference books, e-journals, and provides access to e-resources which are available in public / open domain.

Sr. No.	Resource	Number
1	Books	13552
2	E-Journals	4668
3	Magazines	15
4	Bound Volumes of Journals	342
5	Audio & Video Resources	1262
6	Newspapers (Multiple Copies)	4
7	E-Newspaper	1
8	Thesis ( NU Ph.D.)	5
9	E-Thesis (Ph.D.)	2+ Lakhs
10	National Digital Library	2+ Crores
10	Contents	
11	National Journals ( Print )	4

#### LIRC at a Glance

#### **Details of LIRC Resources**

- a. E-Journals/Online Database Collection
  - National Digital Library
  - > NPTEL Videos
  - ➤ J-Gate (ET)
  - ICRA Reports
  - CMIE Prowess IQ

#### b. Knowledge Dissemination Cell

The KDC provides Alert Information Service (AIS), Current Awareness Service (CAS), Current Content Service. The cell plays significant role in the creating awareness among NU fraternity. It continued to disseminate information and knowledge to keep abreast its users.

#### c. DELNET (Developing Library Network)

The LIRC is a member of DELNET and uses its Inter-Library Loan facility for NU Faculty members. DELNET provides access the resources of 6958+ libraries 6936 libraries are in India and 22 in overseas countries. Delnet discovery tool provides access of thousands of e-contents.

#### d. National Digital Library

NU has institutional membership of NDL. Its users' can access the contributed contents (text, audio, video, image, animation, simulation, presentation and application) of IIT Kharagpur, IIT Delhi, IIT Bombay, IIM Ahmedabad, NCERT and NPTEL (IIT Madras). The platform provides Access of 2+ crores e-contents which includes theses, articles, audio lectures, video lectures and book etc..

#### e. Shodhganga : A reservoir of Indian thesis

Shodhganga provides access to 2,70,000+ thesis. Ph.D. Thesis of 4 students have been uploaded at Shodhganga (Indian Electronic Thesis & Dissertation Reservoir) after creating metadata and complying with norms. Now, 5 thesis of NU scholars (3 full and 2 abridged forms) are available in public domain.

#### f. E-ShodhSindhu: Consortium for Higher Education Electronics

LIRC is member of E-ShodhSindhu consortium. ESS provides negotiated rates of selected e-journals, e-books and online databases for subscription / renewal to registered members.

#### g. User awareness and information literacy

- Orientation programme on NU Library System for B.Tech and iMBA (2019) on 14th July 2019.
- Library orientation programme for MBA-IDA 2019 Batch on 1st August 2019
- Library orientation programme was organized for MBA (BA) batch on 14th August 2019.

- Stared activity "Know your Library" for B.Tech and iMBA (2019) on 22nd July 2019
- Webinar How to use Plagiarism Detection Software: Urkund on 4th December 2019.
- Webinar EBSCO Faculty Select and Business Source Elite Webinar (e-Books and e-Journals)- 31 March 2020

#### h. Plagiarism Detection Software: URKUND

Access of PDS (Plagiarism Detection Software: URKUND) has been provided to faculty and research scholars so that they can check similarity level in the research papers and related works.

#### i. Training and Development

- One team member was deputed for one day training programme for Admin users of PDS URKUND at MGM University, Navi Mumbai - 29th August 2019.
- Online Training session How to use PDS Urkund on 4th December 2019 was attended by two library professionals.
- Two library members were deputed for National Seminar on Role of Libraries in Ranking of Institutions at Bennett University, Greater Noida (UP) -September 23, 2019

#### j. Seamless Access of E resources

Continue remote access services (VPN) of LIRC online resources.

#### 11. Workshops & Events

#### 2nd Doctoral Symposium, 2019

The 2nd Doctoral Symposium organized by the areas of CSE and ECE was held on 6<sup>th</sup>-7<sup>th</sup> April 2019 and was inaugurated by Mr. Karan Bajwa, MD, IBM. Papers wer invited from Ph.D. Scholars of reputed institutions (IITs, ISI, NITs, IIITs, BITS etc. in the areas of data science, cyber security, cloud computing, artificial intelligence and machine learning, theoretical computer science & applied mathematics, and robotics. 21 selected Ph.D scholars presented their research work during the course of the two-day event. Also eminent speakers from industry and academics delivered special talks along the theme of the symposium and a panel discussion was held on the topic "*Artificial Intelligence in the real world: Future trends and open problems*". Speakers were Dr. Lipika Dey, Principal Scientist, TCS Innovation Labs, Mr. Rajesh Mathur, Advisor, ESRI India, Dr. Dinesh Kumar, Professor Decision Science, IIM Bangalore, Dr. Debrup Chakraborty, Cryptology and Security Research, ISI Kolkata and Dr. Danilo Demarchi from

Politecnico di Torino, Italy. The Doctoral Symposium successfully created a common platform for faculty and students of NIIT University, invited Ph.D scholars and eminent speakers from industry and academics to interact and share their views on various research ideas.

#### Educational Activities Organized by NU :

#### - Book Launch by Mr. Pradeep Baijal

Mr. Pradeep Baijal, Former Chairman, TRAI, launched his book titled, "Containing The China Onslaught" on 22nd July 2019 at NU.

#### - HSBC 2019

Head Start Boot Camp (HSBC) was conducted from 6th July to 13th July 2019. Head Start Boot Camp is an induction program of 1 week which is offered to the students who took Early Admission.

#### - **RESONANCE 2019**

The three-week induction program, Resonance was conducted from 12th July to 3rd August. A variety of outdoor activities were conducted like trekking, tree planting and valley crossing along with invited talks and subject lectures during the day. In the evenings the students took part in the Club activities, which they had opted for. Resonance culminated with the Grand Finale in which Gabriel Fancon and Tulika Arun were declared as Mr. and Ms. Fresher 2019.

#### - Experience The University (ETU) Programs for School Students

Two ETU Programs were conducted in the last 3 months and the details are as follows :

- A group of students and teachers from Gurukul The School, Ghaziabad visited NIIT University as a part of Experience The University (ETU) event organized from 19th May to 21th May. The group comprised of 130 students and 10 teachers. A series of events took place which included visit to the campus, project workshops on Artificial Intelligence, Geographic Information System, and Management, and cultural event.
  - Students from YPS, Mohali visited NIIT University from 23rd to 25th May, 2019 under the "Experience the University (ETU)" programme. Total 8 students participated in this program, i.e. 5 boys and 3 girls. They were mentored by Dr. Nidhi from YPS, Mohali.

#### - BiO-Streaks'19 (BT Tech Fest Event)

This Agar Art Contest named BiO-Streks, a competition hosted by Biotechnology area of NIIT University, is the source of some true microbe masterpieces. For the contest, biologists and artists "paint" strands of bacteria on agar, a gelatinous substance used to make biological cultures. The event was organized on 16th December 2019, it was a 12 hour event as the bacteria takes time to grow and form colonies. Students from different departments of the institute and other universities actively participated in this event. After creating a marvelous art piece Keerthana Reddy acquired the title of winner and Vista Vincent and Soumya Gupta jointly became the 1st Runner up with equal points in their bag.

#### - Biomaze 19 (BT Tech Fest Event)

Biomaze was a biology based quiz competition open for all the students of NIIT University and other participating institutes. The topics of the quiz revolved around the preliminary biology such as ecology and environment and general knowledge questions to allow participation of students from first year to fourth years. The students were divided in teams of two. This bio quiz was divided in three rounds, Q&A session, Online session and Buzzer session. The event was organized on 16th December 2019, during the institute tech fest. Amit Gupta and Restu Kumari from GB Pant University bagged the winner's title, followed by Archana Kumari and Sirisha Chelimela; Jitender Reddy Kali and Charitha Madala all from NIIT University were the 1st and 2nd Runner Up respectively.

#### - Biotechnology Annual Quiz Competition

Biotechnology area of NIIT University, organized the annual quiz competition on 30th January, 2020. The theme of the quiz was facts about environmental phenomenon. The quiz was organized to challenge the reflexes, testing the team work and cognition. The three batches were divided into 5 groups, named after viruses, Ebola, Nipah, Corona, Swine and Zika. The first round was a questionnaire round. The second round was a rapid-fire round, triggering the participants think and keep the time constraint in our mind simultaneously. The last and the most exciting round was the buzzer round. The remaining three teams were given a buzzer each and a question was posed to them. The winning teams were rewarded with cash prize of INR 1000 while the runner up teams were reqrded with INR 750 & INR 500 respectively.

#### Symposium on Best Teaching-Learning Practices using Technology 2020

The Symposium was held on Thursday 6th February 2020 at NU Campus. The symposium was organized to bring school teachers together to share their best teaching-learning practices using technology. The annual event was intended to provide the much-needed platform for teachers and counsellors to share and learn teaching-learning strategies to improve students' learning experience. 31 teachers from 22 schools participated in the symposium and there were 9 paper presentations.

## - Mahattattva Workshop on Design Thinking for Social Change Workshop at NU

NU partnered with Mahattattva, an educational transformation company, in conducting the Workshop – Design Thinking for Social Change for school students. The Workshop is a part of Mahattattva's annual event – Educational Technology Summit Series.

The 3-day Workshop saw the participation of over 100 students and 30 teachers from 21 schools.

#### - Certificate Course for Quingdao University, China

Six students and two faculty members from the University attended a 4-week Certificate Programme at NU from 09 Dec 2019 to 03 Jan 2020.

#### Camp Future

Camp Future was organised from  $24^{\text{th}}$  to  $25^{\text{th}}$  May 2019. 14 students participated in the Program.

#### • Centre for Innovation, Incubation and Entrepreneurship (CIIE)

- A session on fundamentals to prepare a Business Plan was organized on Sep 25 and Oct 3, 2019.
- Start-up Expo was held during Nov 15-17, 2019.
- CIIE sponsored BTech BT IV year student (Gavinson B Kharmalki) to participate in Entrepreneurship Development Programme (EDP) on Construction, Expansion, Modernization and Maintenance of Cold Chain Units to be organized by NIFTEM during Sep 11-20, 2019.
- A Two-day workshop on "Fundamentals to prepare a Business Plan" held on October 3-4, 2019.
- Business Conclave held on November 16, 2019 in which 08 teams participated. Participants were given a real-world problem from the industry for which they had to identify innovative solution.
- Case Study competition on November 17, 2019 in which 07 teams participated. Participants were to develop the best solution to a case study within an allocated time frame, individually or in team of two pitted against each other.
- Idea Pitching competition on November 17, 2019 in which 08 teams participated. Participants pitched their Idea in front of a panel of judges.
- Silicon d'Art project exhibition on December 7, 2019 in which 50 odd number of teams participated in exhibiting their knowledge in the field of Electronics. Projects were designed in a wide range of Analog and Digital circuits and their application in almost every field including Robotics, Automation, Security, Communication and Games.

- Two day Hackathon was held in the campus on January 27 & 28, 2020. Total 17 teams involving 102 students participated in the two day Hackathon under software and hardware categories. Five teams in the Software category and two teams in Hardware category will now represent NIIT University in Smart India Hackathon 2020 organized by MHRD in association with many Industry partners.
- Invited talk given by Mr. Mickey Bedi on January 29, 2020. Mr. Mickey Bedi is Venture Partner of Kabeela Life Ventures.

#### International Yoga Day

Fourth International Yoga Day was celebrated on 21st June 2019 at NU. This function was an event organized jointly with Civil Administration of Neemrana. This program was a Block level program conducted at NIIT university. Dr. Hansraj Shukla (Block Nodal Officer) with the help of Mr. Chirag Tantra (Manager Ginni International, Neemrana) conducted the session and went through the yoga asanas as outlined in the 'Common Yoga Protocol'. All participants practiced different yoga postures under the guidance of the Yoga Guru enthusiastically.

#### Van Mahotsav

Like every year, 'Van Mahotsav' was celebrated at NU with a lot of enthusiasm on 27th July '2019. Children and teachers of various Schools with their staff members came for plantation. The Children displayed great enthusiasm in wanting to learn how saplings are planted and were constantly asking intelligent questions to the gardeners about the plants. Children from The Base school Neemrana (172), Government school Kath ka Majra(29), VIP school Neemrana(76) actively participated in the event.

#### • 73rd Independence Day

73rd Independence Day was celebrated with Flag Unfurling and Speech by President NU. NU Music Society and Dance Club gave a befitting performance of songs and dance. University Captain (P Sai Vamsi), Vice -Captain (Shubhra Pandey) and few students gave inspiring speeches on the occasion.

18 members of the staff were awarded by the President for outstanding services.

#### Quit India' Poster Competition

Poster Competition on 'Quit India Movement' and 'Independence Day' was held. Soman Yadav and Gabriel Falcon (both 1st Yr) were joint winners.

#### Alwar Shakti Skill Development Workshop.

Skill Development Workshop for Neemrana Block (an initiative by Collector Alwar) was held on the Campus on 20 Aug. 700 participants from Neemrana Block participated. CEO Alwar presided over the function in the presence of SDM Neemrana, Pradhan Neemrana, Sarpanch Neemrana, App Guru Mr Ibrahim Khan, Principals of ITI and Polytechnic College and representatives of all blocks.

#### Teachers' Day Celebration

Teachers' Day was celebrated on 5<sup>th</sup> September organized by Students.

#### Blood Donation Camp

A Blood Donation Camp was held on 25th September 2019 under the aegis of Red Cross Society. A record 102 units of blood were donated by students and staff.

#### Theatre Workshop

A Theatre Workshop was conducted from 25th to 27th September for members of 'NU RANGMANCH' by known theatre personality Ms Shilpi Marwaha.

## GGSY (Gandhi Global Solar Yatra) :- to celebrate 150th Birth Anniversary of Mahatma Gandhi

An initiative by IIT-Bombay with the objective of promoting self-sufficiency in energy for sustainability was organized under the banner of NU 'Unnat Bharat Abhiyan' and 'Swachh Bharat Abhiyan' under the mentorship of Dr. Gurendra Nath Bharadwaj. 400 students registered for the program; out of which 125 students from 6 different neighbouring schools were invited as "Solar Ambassadors".

## Launch of NU Astronomy Club 'NU ASTREA'

NU Astronomy Club 'NU ASTREA" was launched on 05 Oct 2019. Dr Patrick Dasgupta from Delhi University and a member of the renowned IUCAA was invited for the inaugural session.

#### International Day of the Girl Child

11th October was celebrated as the International Day of the Girl Child. On this occasion NIIT University partnered up with Kailash Sathyarthi Children's Foundation to join the 100 Million campaign and organised marches in and around Neemrana. These were followed by interactive sessions by NUtons in five different schools of Neemrana Block.

## Launch of Poetic Society of NU 'KAVISHALA'

'Kavishala' was launched on 13th Oct 2019 through an initiative of First Year students.

#### 15th Annual Day of NIIT Foundation

NU hosted more than 200 delegates of NIIT Foundation on their 15th Annual Day from 08-10 Nov 2019. Apart from their structured schedule, the event was also utilized for providing Digital & Financial Literacy to Students of NU & local schools, NU Support Staff and staff from connected NGOs through the fully configured 20 Station "Green Digital Bus".

### • UMEED 1000 Cyclothon

35 cyclists from UMEED 1000 Cyclothon, an initiative by IIM Ahmedabad for Girl Child Education, halted for one night on their way from Udaipur to Amritsar. They interacted with the students on 14 Nov evening and were flagged off by the President on 15 Nov 2019.

## • NIITReUniite

A reunion of 'Forever NIITians' (FNs) was hosted at NU from 20-22 Dec 2019. More than 450 'FNs' from all over the World congregated at NU in a festival like event. It included some serious panel discussion on topics like "Future of Work", "How can NU attract Best of Resources".

#### Raath Mahotsav

Annual Raath Mahotsav was held on the 'Makar Sankranti' Day, 15 Jan. It included performance by local artists, Community Lunch for more than 500 school children and the village community and distribution of clothes donated by the students to the needy. A 'Sawchhta Pledge' was also taken by all participants. It was preceded by the 9th Annual Kite Flying Competition on 12 Jan.

## • 71st Republic Day Celebration

The Event commenced by Flag Hoisting by a student Ms Neeharika Gupta, the topper of 2017 Batch. Dr Parimal V Mandke addressed the audience on the occasion and also read out the Message from the President (who was out of Campus). This year's event witnessed some outstanding performances of music, song, dance, speeches by University Captain & Vice-Captain and a very well presented Nukkad Natak on the current issues. 22 members of the supporting staff were awarded cash prizes for their dedicated work. 3 members of Honda Racing Team, NCR also joined the celebration.

## 12. Detailed List of Research Activities at NU

# i. Number of papers published/accepted in peer reviewed journals/conferences (Faculty)

Number of papers published in peer reviewed journals	Number of papers accepted in peer reviewed journals	Number of papers presented in conferences	Number of papers accepted in conferences	Number of books published	Number of book chapters published
20	14	18	7	1	4

# ii. Number of papers published/accepted in peer reviewed conferences (Students):6 (National) & 4 (International)

## iii. Ph.D. students (Area wise)

Area	No. of students
Bio Technology	1
Computer Science	1
Electronics and Communication Engineering	2
Educational Technology	5
Geographical Information System	3
Mathematics and Basic Sciences	1
Management	5

## iv. On-Going Projects

Sr. No.	Project Title	PI Name	Agency	Project Sanction Amount (In Lakhs)	Project Starting Date
1	Modeling the snow properties	Dr. Mohd	Department of	37.36	Mar-16 to Sept.
	for their classification and	Anul Haq	Science and		2020
	identification		Technology.		
2	Understanding the	Dr. Mohd	ISRO	17.28	Jul-16 to Nov.
	Geomorphology of Martian	Anul Haq			2019
	Surface Using Mom Data				
	sets.				
3	Internationalized Master	Prof. Vijay	European	61.94	Oct-16 to July
	Degree Education in	Mandke	Commission		2020
	Nanoelectronics in Asian		Project		
	Universities				

## v. Publication Reward (Under Research Promotion Policy)

Area	Rewards	
Bio Technology	3	
Computer Science	4	
Electronics and Communication Engineering	2	
Educational Technology	0	
Geographical Information System	2	
Mathematics and Basic Sciences	3	
Management	0	

## vi. R & D project

The Research and Development (R & D) projects is a core course for all undergraduate  $6^{th}$  semester students. The purpose of this course is to train the students to perform research and to be familiar with the activities and methodologies generally followed during the research work. The activities during the research process imparts valuable learning objectives, like

understanding the research process, develop critical thinking and problem-solving skills in addition to soft skills like communication skills, team-work skills etc. Outcome of the R & D projects as publications, conference paper, prototype, patent encourage the undergraduate students and faculty supervisors.

Sr. No.	Date	Name of the Speaker	Designation & Organisation	Topics covered
1	Friday, August 23, 2019	Dr. Viraj Kumar	Visiting Professor at the Divecha Centre for Climate Change at IISc Bangalore	National Education Policy 2019: A New Vision for Higher Education in India
2	Tuesday, September 17, 2019	Prof. Sandeep Sancheti	Vice Chancellor, SRMIST, Chennai	New Paradigms in Higher Education
3	Thursday, November 07, 2019	Prof. Rajeev Sangal	Professor, International Institute of Information Technology - Hyderabad India	Focus and Determination: Our Institutes and the Film Dangal
4	Thursday February 06, 2020	Mr. Sunit Rikhi	Founder, Reach for Infinity LLC	Lessons in the Management of Semiconductor Technology Lifecycles
5	Friday February 21, 2020	Dr. Glenn Strong	Assistant Professor in the School of Computer Science and Statistics, Trinity College Dublin	Computer Science research and applications in Trinity College Dublin
6	Friday February 21, 2020	Dr. Shreejith Shanker	Assistant Professor at the Department of Electronic & Electrical Engineering at Trinity College Dublin	Heterogenous computing: The role of FPGAs
7	Friday February 21, 2020	Prof. Trevor Hodkinson	Molecular Biologist and Professor in Botany at Trinity College Dublin	Plant Biotechnology for a Growing World

## **13. Distinguished Lecture Series**

8	Wednesday February 26, 2020	Mr. Sam Baisla	Serial Entrepreneur & Leader	LinkedIn Branding
9	Monday, March 02, 2020	Prof. Sugata Mitra	Professor Emeritus, NIIT University, Former Professor, Educational Technology, Newcastle University, UK and Former Visiting Professor, MIT Media Lab, Cambridge, Massachusetts, USA	The Future of Learning
10	Tuesday, March 03, 2020	Prof. Sugata Mitra	Professor Emeritus, NIIT University, Former Professor, Educational Technology, Newcastle University, UK and Former Visiting Professor, MIT Media Lab, Cambridge, Massachusetts, USA	The School in the Cloud

#### **14. Faculty Achievements**

- Dr. Anul Haq's project Microsoft AI for Earth grant through National Geographic Innovation has been selected for an Azure Compute Grant. Through this award, he will receive a sponsored Microsoft Azure account. Microsoft has granted credits for Azure consumption up to \$15000 USD, to be utilized within one year by BTech, MTech and PhD students.
- Dr. Narayan Kumar got a Patent under his name by a recent invention titled "Temperature Inducible Promoter Derived and Modified from *Enterococcus*" which he received along with Prof. Ashis Das, BITS Pilani.
- Dr. Chandan Medatwal, Faculty in Management Area launched her book on 6th April 2019 titled- 'Reinventing Human Resources Management: Global Dimensions'. The book explores the emerging workplace realities and presents the realistic views of people in various organizations.
- The AI for All- Innovation for inclusion was a three-day event, organized by CII, held from 3rd February to 5th February 2019 at Pragati Maidan, New Delhi. Four faculty

members, Dr. Anul Haq, Dr. Nidhi Chahal, Prof. Vikas Malviya, and Dr. Prashant Srivastava along with fifteen students from NIIT University attended this event on 4th February. The purpose of this visit was to see various organizations such as IBM, Microsoft, Siemens, PAYTM, Jet Synthesys, AAI, ISRO, ESRI India, Map My India etc. showcasing their AI experience zones. This event provided the faculty members as well as students an insight about how different organizations are implementing AI in their projects and how they can collaborate with them.

- Dr. Sunil Khanna & Dr. Narayan Kumar's student Alka Devi was awarded Ph.D. in Biotechnology on 20<sup>th</sup> May 2019.
- Liza Goyal was awarded Ph.D. in Biotechnology on 24<sup>th</sup> May 2019.
- Praveen Kumar Ramprakash Upadhyay was awarded Ph.D. in Chemistry on 28<sup>th</sup> May 2019.
- ▶ Uday Kranti was awarded Ph. D. in Educational Technology on 30<sup>th</sup> May 2019.
- Dr. Deepika Prakash attended a 5-day Faculty Development Program conducted by IBM, Bangalore between 17 June 2019 and 21 June 2019. It was attended by faculty from various institutes like IIIT Bangalore, IIIT Jabalpur, BITS-Ranchi to name a few. The five-day workshop was divided into four tracks namely, Agile, DevOps and Micro services; Cloud services; Artificial Intelligence; and Cyber Security. For each track a team of IBMers delivered technical sessions and gave a demonstration of the working of the technology. The workshop also had sessions in which the Heads of various departments discussed research and innovations. The workshop concluded with a special session on IoT and its application.
- Dr. Deepika Prakash, Assistant Professor in the area of CSE, got selected as member of program committee of the 14th and 15th International Conference on Evaluation of Novel Approaches in Software Engineering (ENASE), 2019 and 2020. She also chaired a session on Business Process Modeling at 14th ENASE, 2019 from 4<sup>th</sup> – 5<sup>th</sup> May 2019. She also received invitation on 3<sup>rd</sup> July 2019 for next conference held from 5<sup>th</sup> May – 6<sup>th</sup> May 2020.
- Dr. Chandan Medatwal was invited by Patanjali Yogpeeth, Haridwar, on 4th August 2019, for felicitation in the event- Ayush Kameeya 2019, the 3 days International Seminar on Integrated Approach to Autoimmune diseases and Jadi Buti Diwas. She received felicitation for setting the World record in Yoga -Reverse Prayer in Lotus Pose. The award was conferred by Dr. Manish Bishnoi (Asia head), Mr. Alok (India Head), Golden Book of World Records, Yogrishi Swami Ramdev Ji, Indian Yog Guru and Acharya Balkrishna Ji, MD/CEO of Patanjali Ayurved, for setting a World record in Yoga during the occasion of International Yoga day.
- Dr. Neha Tiwari was selected under AICTE-UKIERI Technical Leadership Programme for AY2019-2020.

- Dr. Prashant Srivastava has been selected as Member of National Academy of Sciences India (MNASc). National Academy of Sciences, India (NASI), Allahabad is the oldest Science academy out of the three National Science academies (Indian National Science Academy (INSA) New Delhi, Indian Academy of Sciences (IASc) Bangalore).
- Dr. Vikas Malviya (Assistant Professor) in the Area of Computer Science and Engineering has successfully defended his PhD. Thesis (Title: "Investigating Maliciousness in Web and Mobile Applications") on July 12, 2019. His PhD. Research work was carried out under the supervision of Dr. Atul Gupta at Indian Institute of Information Technology, Design and Manufacturing (IIITDM), Jabalpur. His current research work at NU is focused around the theme of Security of Mobile Applications.
- Dr. Ashim Sattar, Assistant Professor in the Area of GIS, Computer Science was awarded Ph.D. on 21st August 2019 from IIT Roorkee. The title of his Thesis is "Modeling based characterization of glaciers and glacial lake outburst floods (GLOF) using earth observation techniques". He worked under the supervision of Dr. Ajanta Goswami (IITR) and Dr. Anil. V. Kulkarni (IISc).
- Dr Mohd Anul Haq, Associate Professor, GIS (CSE) attended the "AI for Earth October Summit and hackathon" at Microsoft HQ in Redmond, WA from October 14 – 17, 2019. The visit was sponsored by Microsoft. Dr Mohd Anul Haq presented the Project "Using Artificial Intelligence and Cloud Computing to Monitor Groundwater Resources in Rajasthan, India".
- Dr. Neha Tiwari (Assistant Professor, ECE) participated in International Symposium on Carbon Nanomaterial Electronics (SCNE) 2019 during 8th-9th November 2019 at BITS, Pilani, Rajasthan. The Symposium was organized by the Department of Electrical and Electronics Engineering, Birla Institute of Technology and Science (BITS) Pilani, in association with Tel Aviv University, Israel. Dr. Neha Tiwari delivered a talk on Polymer/Semiconducting Nanoparticles Hybrid Light Emitting Diodes for futuristic display applications.
- Mr. Vikas Upadhyaya published a research paper along with students (Lokesh Venkata Sai Mamidi, Pisupati Chaitanya) on "Application of Image Processing in E-Commerce" in International Journal of Engineering and Advanced Technology, 9(2), PP. 355-359, Dec 2019.
- Dr. Neha Tiwari has attended the Second Workshop on Leadership Development organized under UK India Education Research Initiative (UKIERI) held at Jodhpur during 9-14 December 2019. She has successfully cleared both the phases of this Leadership Development Program.

- Prof. S. N. Sharan published a paper titled "Performance Analysis of prediction based spectrum-sensing for cognitive radio network" in IEEE Xplore on 27 January 2020.
- Prof. S.N. Sharan participated in the conference organised on 28th January 2020 by Panasonic, a well-known company dealing in the areas of Electronic and IT products. The conference mainly focussed on steps taken by Panasonic to help students towards skill building and career advancements. Career EX and Xcelit are the platforms, launched by Panasonic , through which students and faculty members of Technical colleges/universities can benefit.
- Prof. Ratna Sanyal's research paper titled "Semi-automatic generation of UML models from natural language requirements" was accepted and presented in ISEC 2011 and has now been selected for the ISEC Test of the Time Award 2020.

ISEC 2020 will be held in Jabalpur at Indian Institute of Information Technology Design & Manufacturing (IIITDM) campus from 27-29 Feb 2020.

S. No	Student (s) Name	Achievement
1	Lohit khanna	Awarded 2nd runner up prize and Rs. 20K. He represented NIIT and WNS in Datathon conducted by YES BANK Datathon-Campus Edition, Tryst 2019 held at IIT Delhi.
2	Sanya Kapoor (2nd year), Himanshu Nikhare (2nd year), Muskan Goel (1st year) Siddhi Lad (1st year), Mayank Garg (1st year), Harshit Budhraja (4th year)	Team secured <b>first runner up position in Smart India</b> <b>Hackathon 2019. The team worked</b> on "enhancing the online shopping experience by supporting it with augmented reality" with the organisation called Pepperfry
3	Tanya Kaintura (Batch 2015) currently in IP @ Genpact, Bangalore	Secured first position in the MH 5 category under the Max Health care category in Smart India Hackathon 2019

## 15. Students' Achievements

4	Varshnee Raj, alumni of NIIT University (2013-17) & Co- founder of RAAV Tech Labs	<b>RAAV Techlabs PVT LTD</b> has been selected a <b>finalist</b> for the <b>ASME ISHOW</b> planned to be held in Bangalore from 3 <sup>rd</sup> -5 <sup>th</sup> April 2019.
5	Moksh Gupta, Nikhil Singh Butola, Pragya Kapoor, Rahul Poddar, Kaustubh Kishore & Srilikhith Sajja	Participated in E-Summit at IIT-Roorkee. They won 1 <sup>st</sup> , 2 <sup>nd</sup> & 3 <sup>rd</sup> positions in Spin to Win and Geeks for Geeks competition. Moksh & Nikhil were recognised as the best among all the E-Cells present at the E-Summit.
6	Sumili Dey & Ms. Riddhi Modi BT final year	Sumili Dey was awarded the best paper-presenter at 7 <sup>th</sup> International Conference on Research in Life Sciences and Healthcare ( <b>ICRLSH</b> ) held in Kuala Lumpur, Malaysia during 29 <sup>th</sup> – 30 <sup>th</sup> June 2019. The title of the paper was, Identification of novel dysregulated genes in ovarian cancer using NGS Data Analysis. The paper was co- written by faculty member, Dr Utkarsh Raj. Ms. Riddhi Modi made a poster presentation on 'Identification of Novel Malarial Inhibitors by Targeting Amino Peptidase of PFA-M1'. Both of them had carried out their work in R&D project course in their 6 <sup>th</sup> Semester under the Supervision of Dr. Utkarsh Raj.
7	Jatin Gupta, IVth Year B.Tech. (CSE) & 11 other students	Jatin Gupta was part of a 12-Member High-Level Delegation who Visited China for the 'India-China Socio-Educational-Cultural Youth Program 2019' from October 11-18, 2019. The delegation exchange was organized by the Ministry of External Affairs, in collaboration with the Confederation of Young Leaders (CYL).
8	Suyash Bapat (iMBA-2018 Batch), Vishnu Sharma and Ninad Kanchan (B.Tech IInd Year)	NU won first prize at Wall Street Business Challenge in Atmos (techno management fest), at BITS Hyderabad.

9	Deepak Atreja, BTech IVth year student Abhinav Gupta - B.Tech II Year & Siddharth Sharma - B.Tech II Year	Deepak has been selected as the Campus Director for NU by Hult Prize. He is to build an impact community around the campus and organize ideas for social entrepreneurship. NU wins the first prize at C-Suite 3.0 : The Boardroom Challenge at IBS, Hyderabad. C-Suite is a Challenge where the participants solve a real life corporate problem being in the shoes of CXOs and present it in front of other board members in a board meeting.
11	Sneh Mishra and Bhargab Deka, iMBA, IInd Year students	They won the regional round of a national business plan competition for their startup idea called HOBBit. The competition was held on 16th November in Delhi. 10 Teams were in the regional round including IIT Delhi and BITS Pilani.
12	ShravyaGupta(B.TechBT2ndYear),CharithaMadalaB.Tech(2ndYear)andSelinaGoelB.TechCSE1stYear	University got 1x silver Medal (2nd Position) in Table Tennis (women's) in the Sports Fest held from 24th to 26th January 2020 at LNMIIT, Jaipur.
13	Arjun Sethi, Akshat Bhandari, Ali Khan, Mayank Gubba and Divtej Singh Bindra (B.Tech CSE 2nd Year)	Secured First Position in the Competition held in third week of Jan. It was a National Level Business Plan Competition for all young Entrepreneurs of India, held during the Annual Cultural Fest of IBS, Hyderabad - TRISHNA'20, in which people had to go with their business partners and had to showcase their unique business ideas in front of Corporate and Start-Up experts.
14	Abhinav Gupta and Siddharth Sharma, B Tech CSE 2nd Year	Won C-Suite 3.0 Challenge at IBS Hyderabad.

15	Bhargab Deka and Sneh Kr Mishra, IMBA 2nd Year batch	Won the First Prize in the Regional Round of the Business Plan Competition held at Delhi on 16 Nov, along with a cash award of Rs. 50,000/
16	Urvish Mahesh Haria & Anil Bishnoi, IMBA 2019 batch	Participated in two competitions at IIT Bombay and ITM business School. They won the 2nd prize at the business plan competition at ITM business school. Also got good opportunity to meet various investors and entrepreneurs at the IIT Bombay event.
17	Shresth Rana and team, B.Tech CSE 2018 batch	The winner of on campus Hult competition winner is now invited to participate in the London Regionals this Spring to compete against other schools worldwide.
18	Abhinav Gupta, B.Tech CSE 2018 batch	Has been shortlisted for 50-Member High Level CYL- Led Youth Delegation to China to be a part of China- India Youth Entrepreneurship Forum 2020.
19	Rashi Sharma, Sanya Kapoor, Garima Pandita, Sakshi Dhawan, 3rd year BTech CSE	Four Girl students of CSE attended the 14th edition of the NASSCOM-DSCI Annual Information Security Summit (AISS 2019), on 04th December 2019 at Gurugram. The 14th edition deliberated 'Cyber Security' trends, threats and emphasize on its important roleplay towards transformation of India into Digital India.
20	Snigdha Pali, BTech BT 2019 graduate	She was part of the research team to discover a new microbe Natrialba Swarupiae. The microbe was discovered by a team of researchers from the National Centre for Cell Science in Pune and NU who published their findings in the International Journal of Systematic and Evolutionary Microbiology.

## 16. Co-Curricular & Extra-Curricular Activities

Cultural Events and festivals are celebrated every year with much fervour and enthusiasm at NU. Throughout the year, various competitions like Rangoli Competition, Kite-Flying Competition, Mobile Photo Competition, Face Painting Competition, Water Colour Painting Competition, Inter House Chess Tournament, NUPL Season 11, the Cricket League of NU

and Street Plays were organised with high spirits and fun. The activities such as Resonancethe Head-Start Programme, Celebration of Republic Day, Independence Day & Teachers Day, overnight Adventure Camp, Painting Workshop, Blood Donation Camp, etc. kept the campus buzzing with life and energy. The intellectual activities like Business Quiz, India Quiz, Environment Quiz, Inter-House Debate Competition, and Public Speaking Seminars were also conducted. Dance and Music classes are held on regular basis.

## • The Asian Lenses Forum(TALF) :

- A session on Understanding perspectives by Mr. Harpal Singh was attended by all new students in resonance held on 23rd July 2019.
- Introductory session on TALF and its activities for new students was organised on 19th July 2019.
- Invited talk by Prof. Rakesh Mishra on 17th Oct- Dr. Mishra visited the NU campus from BHU and interacted with around 30 talfers at the listening tree. The discussion was mainly on the need of creating a sustainable and seamless human existence with the nature.
- Heritage walk to Alwar on 22nd Oct- 28 Talfers along with a faculty member visited the city of Alwar and witnessed rock paintings on a hilltop, walked through the lanes in Alwar city, City palace, Bala Qila and visited the Alwar museum.
- Invited talk by Dr. Jamshed Bharucha on 31st Oct- Dr. Jamshed Bharucha interacted with 25 talfers regarding changing education model around the world and how India needs to change.
- ➢ 36 students and 2 faculty members from the university visited the Jaipur Literature Festival on 25th Jan 2020 with the objective of listening to various discussions by numerous authors. They get he chance to even talk to them. The students would be submitting a written report on their visit for NU Newsletter and visuals for TALF (Social media).

#### Sports Events

Details of Sports Activities during April 2019-March 2020 are given below.

Sr. No.	Date	Name of the Activity	Winner (House/Batch)	Runner-up (House/Batch)
1	14.07.19 to 02.08.20	Inter Cluster Competition	Badminton, Table Tennis, Basketball, Soccer, Cage Cricket,	

#### **1.** Competitions inside the NU

			Gym, Volleyball, Cross Country	
2	12.08.19 to 15.10.19	NU Futsal Premier League		
	12.00.17 to 13.10.17		Arjun FC	Pranav FC
3	20.08.19 to 20.11.19	NUPL (Cricket League)		
5	20.00.17 to 20.11.17		KXIP	CSK
4	01.09.19 to 08.09.19	Soccer Inter House Competition	Green House	Orange House
5	07.09.19 to 29.09.19	Chess Inter Batch Competition	B. Tech. III Year	B. Tech. IV Year
6	07.09.19 to 08.09.19	Friendly matches between SRM Institute of Science and Technology & NU	NU	SRM
		Table Tennis Inter Batch		
7	09.09.19 to 13.09.19	Competition	B. Tech. III Year	B. Tech. II Year
8	23.09.19 to 10.10.19	NUBPL (Badminton League)	Team Rocket	Gladiators
9	24.09.19 to 14.10.19	Volleyball Inter Batch Competition	B.Tech IV year	B. Tech. III Year
10	25.09.19 to 11.12.19	NUKPL(Kabaddi League)	Bulls United	Eastern Eagles
11	10.10.19 to 19.11.19	NU Pool League	Rockstars	Sharpshooters
12	15.10.19 to 22.10.19	Basketball Inter Batch Competition	B.Tech IV year	B. Tech. III Year
13	20.10.19 to 23.10.19	Soccer Inter Batch Competition	B.Tech IV year	B. Tech. III Year
14	21.10.19 to 10.11.19	Pool Inter Batch Competition	B. Tech. III Year	Faculty/Staff
15	02.11.19 to 30.11.19	Overnight Camp	All B	atches

16	10.11.19 to 24.11.19	Cricket Inter Batch Competition	MBA (IDS)	B. Tech. IV Year
17	11.11.19 to 24.11.19	NUBA (Basketball League)	Antetokompous	Bevars Ballars
18	18.11.19 to 28.11.19	Badminton Inter Batch Competition	B. Tech. II Year	B. Tech. III Year
19	13.01.20 to 15.01.20	Table Tennis Inter House Competition	Orange House	White House
20	20.01.20 to 22.01.20	Pool Inter House Competition	Green House	Orange House
21	03.02.20 to 05.02.20	Badminton Inter House Competition	White House	Orange House
22	23.02.20 to 22.03.20	Cricket Inter House Competition	Pending	
23	02.03.20 to 21.02.20	Basketball Inter House Competition	Pending	

## 2. Competitions outside the NU

Sr. No.	Date	Name of the Activity	Remark	
1	02.10.19	Territorial Army Annual Marathon, Delhi	15 students participated	
2	19.10.19	Infani Day Marathon on 19th Oct in Delhi Cantt.	28 students participated	
3	20.10.19	Participating in the friendly matches organized by BML Munjal University	Cricket, Basketball (M/W), Kabbadi (47 students participated )	
4	24.01.20 to 26.01.20	Sports meet at LNMIIT, Jaipur	NU participated in the Table Tennis, Badminton, Football, Basketball	
5	14.02.20 to 16.02.20	Sports meet at BML Munjal University, Dharuhera	Cricket, Basketball (M/W), Kabbadi, TT, Pool, Chess, Tennis, Badminton (M/W), Football (91 students participated )	

6	28.02.20 to 01.03.20	Sports meet at SRM IST, Ghaziabad	Basketball (W)
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University has got 1x silver Medal (2nd Position) in Table Tennis (women's) in the Sports Fest held from 24<sup>th</sup> to 26<sup>th</sup> January, 2019 at LNMIIT, Jaipur.

#### List of the winners are as given below:

S.No	Enroll No.	Name	Programme	Event
1	BT18GBT021	Shravya Gupta (W)	B.Tech 1st year	Table Tennis
2	BT18GCS066	Charitha Madala (W)	B.Tech 1st year	Table Tennis
3	BT17GCS077	Pragya Datt (W)	B.Tech 2nd year	Table Tennis

## • <u>Other Co-curricular Activities :</u>

- Kathak Duet Performance by Deepak Aurora and Sreeparna Chakraborthy was organised on 18<sup>th</sup> April 2019.
- A Mediation Workshop was organised from 17<sup>th</sup> to 19<sup>th</sup> April 2019.
- ▶ Internship Fair by Skill Prodigy was organised on 27<sup>th</sup> April 2019.
- > Triton by Music Society of NU was organised on 29<sup>th</sup> April 2019.
- Emergency Response Drill was conducted on 1<sup>st</sup> May 2019.

#### 17. Challenges Ahead

The University has made progress in all aspects and is committed on its journey to excel. The core principles of the University propels the entire community of students, faculty and staff to be responsible citizens who can positively bring about a change and contribute towards sustainable development. The fast-changing technology and business requirements, reinforces the need to be more adaptable in designing the curriculum and delivering to the students. The new age skills such as Cyber Security, Analytics, Artificial Intelligence etc combined with the essential areas like sustainable development, ethics, environment, public policy are a tricky combination and has to be carefully handled.

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