

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

**Annual Report**  
**NIIT University, 2020-2021**

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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. Tenth Convocation Ceremony**

The NIIT University marked its 10<sup>th</sup> Convocation Ceremony on 17<sup>th</sup> of October 2020. Because of the current Pandemic, this year it was conducted using Virtual Reality Technology where Students` Avatars received their degree in a virtual setup. Virtual avatars for the graduating students and dignitaries were made which provided a virtual environment for the Convocation ceremony. All the ceremonies of convocation were conducted in the virtual environment.

The Chief Guest for the occasion was Mr. Nandan Nilekani, Co-Founder and Chairman of Infosys. Total 298 students from different programmes graduated from NU on this occasion. 215 students were awarded Bachelor of Technology degree, 09 - Master of Technology degree, 51- Master of Business Administration degree {48-MBA (IDS), 3 MBA (BA)}, 22 - Master of Design Degree, and 01 student was awarded Doctor of Philosophy.

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

1. Mr. Ronald Tony (B. Tech: 2016-2020, Computer Science and Engineering)
2. Mr. Joydip Datta (M. Tech: Geographic Information Systems, 2018-2020)
3. Ms. Gauri Mishra (M. Des.:2018-2020)
4. Ms. Suneyna Bansal (MBA IDS : 2018-2020)

The Ram Rajindra Malhotra Medal was awarded to Shreyas Harshant Sanghvi (B.Tech:2016-2020, Electronics and Communication Engineering) for overall all-round performance.

The whole event was telecasted live on all popular social media channels including YouTube, Facebook and Twitter, so that parents and guests could also attend the ceremony.

## 5. Twelfth Annual Lecture

The year 2009 marked a significant event with the notification of the NIIT University (NU) by the Government of Rajasthan. This historic event was celebrated on November 15, 2009 when Dr Karan Singh, Chairperson, NU delivered the 'First Lecture' at the University campus in Neemrana.

Annual Lecture has since become a tradition at NU.

In continuation to this tradition, Dr Naresh Trehan Founder & Chairman , Medanta , Medicity has delivered the '*Twelfth Lecture*' on Monday, 23 November 2020 virtually. The topic for the lecture was "*Building Your Future In COVID Times*".

## 6. Awards

NU won 'University of the Year (North)' award at the Indian Education Congress & Awards 2020 NU was awarded 'University of the Year (North)' in the Higher Education Awards category at the Indian Education Congress & Awards 2020. Held in Bengaluru, this is awarded to an institution that has "demonstrated exceptional performance in the past academic year". The Indian Education Awards are the most prestigious awards that recognize excellence in the education sector. The annual award was announced at the 10th Indian Education Congress 2020 that brought together pathbreakers in education to share their experiences and views on the future of education.

## 7. Academic Programmes and improvements and Innovations in curricula and teaching-learning

### a. Academic Programmes:

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 co-

curricular components, the programmes seek to create exceptional leaders trained to operate in tomorrow's complex technology-oriented business environment.

b. **M.Tech Cyber Security**

MTech Cyber Security is a 2-year duration post-graduate course that offers an advanced study on Cybersecurity methodologies and their applications in real-time scenarios. The students are exposed to the advanced tools and technologies used to secure Infra and network, cloud, IoT, blockchain, web communication and cyber threats. The programme basically focuses on preparing expert cybersecurity professionals who can easily handle the real-life difficulties directly connected with the cybersecurity scenario.

c. **B.Tech Communication and Computer Engineering**

After completion of this program, the students will be able to design and implement Telecommunication Technology in Networking, Integrate diverse systems in Business world, deal with ICT Management and Architecture, Create/manage/deploy Database and Networking.

d. **B.Tech Cyber Security**

This BTech Cyber Security Programme Architecture has been designed for those students, who are keen to explore and exploit the latest trends in Cyber Security Technologies in undergraduate studies. A combination of deep academic rigor and intense practical approach will allow BTech Cyber Security graduates to dominant in-demand skills and build expertise. The programme basically focuses on preparing expert Cyber Security professionals those who can easily handle the real-life difficulties directly connected with the cybersecurity scenario.

e. **B.Tech. Data Science**

NU has offered data science related courses, specializations, and industry linked programs since 2014, sometimes in association with various industry partners. The University students have excelled both in industry and academia and continues to make mark as competent data scientists. With six plus years of experience and cognizant of the current trends across academic institutions and industry, NU is proposing [B.Tech](#). Program in Data Science. This program would be attractive for students who are analytically inclined and are interested in pursuing a career in data science.

**f. Post Graduate Diploma in Banking and Relationship Management**

NU is offering a new programme to the candidates who come from different streams of studies, having zero to three years of experience and who intend to build their career in the Priority Banking. This is a good opportunity for all the aspirants who are in the inception level of their careers or are freshers, to pursue the course comprising basic management and banking specific courses to start their professional journey in Banking sector.

- g. **BBA programme** is designed to provide broad and fundamental education in various aspects of organizations and their interconnections, while also providing specialization in a specific domain having specialization courses with focus on skill development as per the contemporary requirements of Industry. BBA programme will also offer practical management training to prepare students for successful career options in a variety of organizations.

**Innovations in curricula and teaching-learning**

1. In the current semester, faculty members from few courses have introduced the assessment of their courses to improve the scientific writing skill of students. This activity-based assessment was designed in groups and groups were asked to re-write the review articles on recent scientific topics, as per their understanding. Further, the assessment was completed considering the following factors such as Quality of report, Timely submission, Teamwork. Additionally, students were trained to use Mendeley software for reference.

**Key features of the activity**

- a. Become familiar with scientific vocabulary
- b. Learning new Software Mendeley
- c. Develop Writing Skill

**2. Seamless Assessments integrating multiple Courses**

In another innovating pedagogic activity, under the supervision of Education Technology (ET) area of NU following project base activities/ evaluations were performed. First two project based assignments were planned for B. Tech 1<sup>st</sup> year students, while last activity was designed for B.Tech 2<sup>nd</sup> year students. The aim of this activity was to give the

students an advanced exposure to difficult concepts from courses belonging to higher semesters. The students were examined based on project presentation, project writing and viva-voce.

1. Mathematical concepts integrated through interdisciplinary projects- (courses involved-MAT 112 Calculus, TA 111 Fundamentals of Computer Programming)
2. Nano-Electronics Premier League (Nano-EPL)- (courses involved-PHY 101 Physics, CHEM 111 Chemistry, EL 111 Fundamentals of Electronics, TA 102 Communication Skills, TA 212 Workshop Practice)
3. IoT Based Projects- (courses involved-TA 212 Workshop Practice, CS 251 Object Oriented Programming, CS 231 Database Management Systems)

#### 8. Students on Roll till March 2021

Programme	Batch	M	F	Total	CSE	ECE
B.Tech.	2014	0	1	1	1	0
B.Tech.	2015	4	1	5	4	0
B.Tech.	2016	11	0	11	11	0
B.Tech.	2017	129	41	170	150	13
B.Tech.	2018	144	38	182	161	6
B.Tech.	2019	107	39	146	139	2
B.Tech. Jul	2020	134	38	172	163	4
B.Tech. Jan	2021	7	0	7	6	0
IMBA	2018	18	6	24		
IMBA	2019	17	11	28		
IMBA	2020	14	15	29		
MBA (BA)	Aug, 2019	13	7	20		
MBA (IDS)	Jul, 2018	5	1	6		
MBA (IDS)	Jul, 2019	51	9	60		
MBA (NIIT)	Jul, 2018	18	5	23		
M.Sc. (CS)	2017	2	3	5		

M.Sc. (CS)	2019	5	1	6
M.Sc. (CS)	2020	3	1	4
M. Tech. GIS	Jul, 2019	1	3	4
M. Tech. GIS	Jul, 2020	2	0	2
M. Tech. GIS	Jan, 2021	1	0	1
M. Tech. CS	Jan, 2021	53	9	62
M.Tech. ET	Jul, 2018	1	2	3
M.Tech. ET	Jul, 2019	0	1	1
M.Tech. ET	Jan, 2020	0	1	1
M.Tech. ET	Jul, 2020	0	2	2
PGDBRM	Nov, 2020	60	20	80
Ph.D. BT	Jul, 2012	0	1	1
Ph.D. ECE	Jan, 2014	1	1	2
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
PhD ET	Jan, 2020	0	1	1
PhD GIS	Jul, 2020	1	0	1
PhD ET	Jul, 2020	0	1	1
PhD ET	Jan, 2021	0	1	1
PhD GIS	Jan, 2021	1	0	1
PhD BT	Jan, 2021	0	1	1
<b>Total</b>		<b>815</b>	<b>263</b>	<b>1078</b>



## **9. Community Connect Programme**

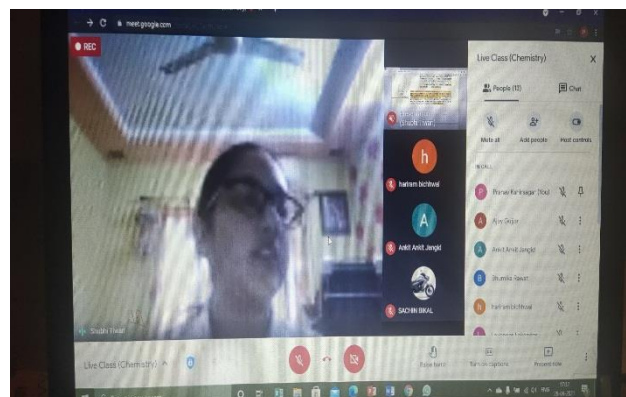
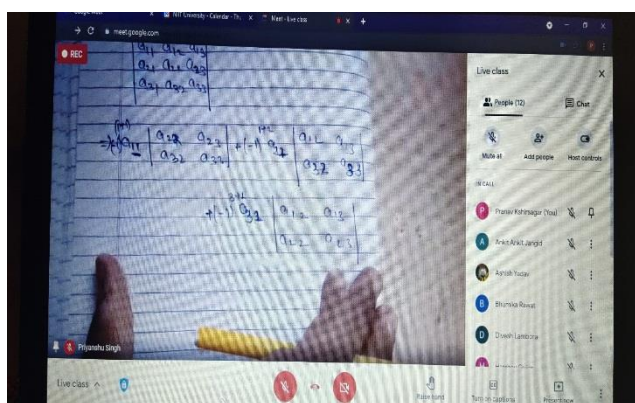
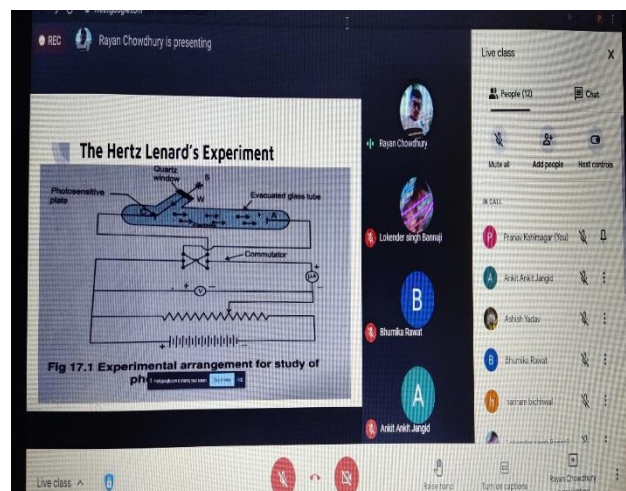
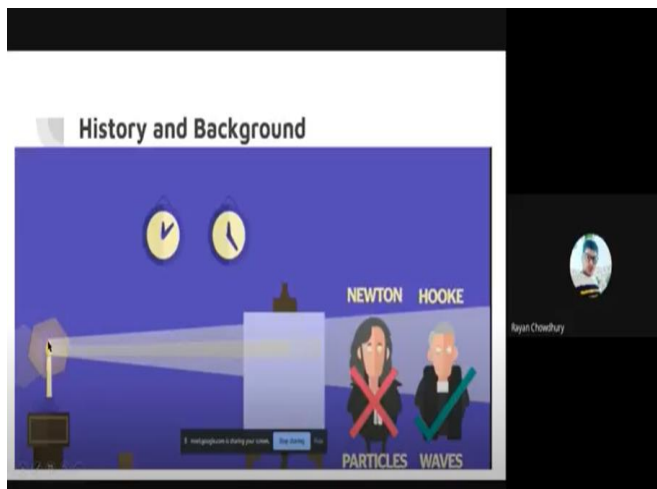
Community Connect programme is a flagship programme of NIIT University to support the neighboring communities to improve their lifestyle, level of education, health and creating awareness. This program has been continuously engaging the NU family with local communities since the inception of the University. NU has received support and appreciation from the local communities in all its endeavors in the past decade. There has been greater demand to engage and work with the communities from the local population as well as NU family. In the academic year 2020-2021, due to COVID-19 protocol, University had to restrict the students and teachers to reach the communities in person. Consequently, the University took advantage of current technology to make the community connect scheme possible and sustainable. This programme was conducted in the form of audit course for two semesters. In first semester, under the students were engaged in brainstorming and identifying the local problems and then providing them effective solutions. However, in the second semester due to the pandemic, a virtual mode was chosen and an effective implementation of synchronous learning was adopted.

Community Connect has been developing a great sense of responsibility among the students towards the community. It has inculcated the values of community participation, development, sensitization, and education in students and have successfully received a great response from the students. Despite the pandemic, the University continued the effort in the direction and developed a program which could empower educational system in local region of Neemrana – Rajasthan by the way of one to one coaching in key subjects by understanding the issue faced by the community life as well as by maintaining the code of conduct of the educational bodies in the region and following all the pandemic rules. The program was named as “Each One Teach One”.

### **Launch of E-school**

The “E-school” concept was designed in such a manner that there will be no conflict between different subjects as well as for having a proper communication with the school teachers and school students with NU students. It was decided that the “E-school” would deliver knowledge on six subjects which were English, Mathematics, Chemistry, Physics, Biology, and Information Technology. For designing the schema, the structure and roles were decided, and each role were given specific responsibilities. A total of 183 students registered from the University to be a part of this initiative,

## Pictures of Online classes under e-School



## 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 also.

Sn.	Resource	Number
1	Books	14035
2	Bound Volumes of Journals	342
3	Audio & Video Resources	1262
4	Thesis (NU Ph.D.)	5

### Details of LIRC Resources

#### a. E-Journals/Online Database Collection / e-books

Access to more than 19 e-contents packages was provided to students and faculty through University Nucleus, Knimbus remote access platform and m-library app during lockdown. These are:

- **EBSCO Business Source Elite** – 1000+ management journals and magazines, 3000+ Management concepts summaries, news wire collection worldwide presses and 25 classic eBooks.
- **EBSCO Faculty Select** – Thousands of eBooks published by various publishers.
- **EBSCO Engineering Core Collection** - 5800+ High quality core collection of engineering eBooks recommended by INFLIBNET, UGC.
- **CMIE Prowess IQ** - Database of Listed and unlisted companies.
- **CMIE Economic Outlook** – Data related to medium term projections on Indian Economy with past.
- **ACM Digital Library** - All Conference Proceedings, Journals, Books, Newsletters, SIG, Magazines of ACM.
- **Pearson E-Library** - 1802 eBooks which covers Engineering, CSE, BT, ECE, GATE, Physics, Chemistry, Soft Skills, Sports, Quantitative Methods, Statistics, and related subjects.
- **Wiley E-Library** - 1033 eBooks. Subject covered Engineering, CSE, BT, ECE, Finance, Accounting, Economics, Big data, Physics, Chemistry, and related book.
- **Springer books** - 500 downloadable textbooks which covers various engineering subjects.
- **McGraw-Hill** - Full access of McGraw-Hill Xpresslibrary of eBooks for engineering and management.
- **Sage e-Vidya** - 1314 eBooks titles related to social sciences and management.
- **Emerald Insight** - 212 high quality, peer-reviewed Management journals.

- **Sage Business Cases** -3500 Management cases.
- **Oxford University Press ( India )** - Faculty and Students Resources related to engineering and management.
- **IGI Global** - 5,000 books, 180+ highly indexed journals, encyclopedias, teaching cases, proceedings, video lecture series related to engineering and management.
- **Project MUSE** – e-contents of various authors and publishers.
- **UGCMOOCs (e-Text and Video)** - Provides access to UG and PG Courses ( Text and Video)
- **Capitaline AWS** – Capitaline is an online database giving financial and other information on over 35,000 companies, which includes listed as well as unlisted companies.
- **Open Textbook Library (E-Books)** - Provides access to management and engineering related textbooks.

**b. Knowledge Dissemination Cell**

The KDC provides Alert Information Service (AIS), Current Awareness Service (CAS), and Current Content Service. It continued to disseminate information and knowledge to keep abreast its users during Covid-19 period also. It kept abreast library users about the contemporary developments throughout the year.

**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 to the print resources of 7166 (22 libraries in overseas countries) on demand. It's discovery tool provides access of bibliographical data of all libraries along with thousands of full text e-contents.

**d. National Digital Library**

NU LIRC has institutional membership of NDNL. NU users' accessed 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. Information and Library Network (INFLIBNET)**

NU LIRC has membership of INFLIBNET Centre, Gandhinagar is an Autonomous Inter-University Centre (IUC) of UGC. It supports academic libraries in providing better services to users. NU LIRC has been taking advantages of INFLIBNET Centre and constantly adding new tools and services in its profile.

**f. Shodhganga : A reservoir of Indian thesis**

NU LIRC is member of Shodhganga. It provides access to 2,90,000+ thesis. Ph.D.

**g. E-ShodhSindhu: Consortium for Higher Education Electronics**

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

**h. Shodh Suddhi**

It Provides access to Plagiarism Detection Software: URKUND ( Renamed as Ouriginal ). NU users can check similarity level in the research papers and related works. Access of PDS (Plagiarism Detection Software: URKUND) has also been provide to newly joined faculty. Increased usage has been observed in the usage of URKUND ( Renamed as Ouriginal ) PDS during Covid-19.

**i. INFLIBNET Access Management Federation ( INFED )**

NU LIRC became member of INFED during pandemic. Now, library has its own remote access tool “Shibboleth”. Users will be able to access subscribed e-contents remotely. This tool will be introduced very soon.

**j. INFLIBNET Learning Management System ( Moodle )**

NU Library also got approval to have access of INFLIBNET’ s Learning Management System. Work is in progress. NU users will be able to access ePG Pathshala e-contents through this learning management system.

**k. Turnitin**

Turnitin is recognized as number one Plagiarism Detection Software across the globe. Its 3 months access was provided to faculty members during lockdown. Access had good usage.

**User awareness and information literacy**

<b>Workshop / Webinar organized by LIRC</b>		
<b>Sn</b>	<b>Particular</b>	<b>Date</b>
1	How to use Prowess Off-Campus Access management faculty?	April 03, 2020
2	How to setup Admin account in Turnitin for Library Team?	April 17, 2020
3	Turnitin   Similarity   Assessment ( Plagiarism detection software ) for faculty members	April 21, 2020
4	How to use e-Contents?	May 11, 2020
5	Turnitin Feedback Studio ( Similarity   Assessment ) ( Plagiarism detection software )	May 15, 2020
6	Launching of Trial Version   Remote Access Tool   Knimbus Platform and m-Library App for Faculty and Students	June 19, 2020
7	URKUND : A similarity check software ( Plagiarism detection software )	July 21, 2020
8	Library System for new batch students	August 24, 2020

9	How to use e-Contents for iMBA students?	October 11, 2020
10	Introduction to NU Library for students	October 15, 2020
11	Library and CMIE prowess for Bank Students	December 15, 2020
12	Workshop - CMIE Prowess Axis for Bank Students	December 17, 2020

### **Training and Development**

- Many webinars were attended by Library team which enhanced their professional skills.
- Dr. Vinay Kumar Kainthola, Assistant Librarian was invited as one of the speakers to share his views in National Webinar on “Strategies for Effective Library Services During Covid-19 Pandemic “ by DAV Institute of Management, Faridabad, 15th September 2020.

### **Certificate of Recognition**

Certificate of Recognition has been awarded to Dr. Vinay Kumar Kainthola, Assistant Librarian by The Academic Council of uLektz as one of the Top 50 Eminent Librarians in India for the year 2020.

[https://www.ulektznews.com/2021/03/01/ulektz-wall-of-fame-is-proud-to-announce-top-50-eminent-librarians-in-india-for-the-year-2020-2/?noamp=mobile&\\_gl=1%2Awpnf61%2A\\_ga%2AYW1wLXRRVkJZFdZ6QTF4clh3YWNFbWFNOVE](https://www.ulektznews.com/2021/03/01/ulektz-wall-of-fame-is-proud-to-announce-top-50-eminent-librarians-in-india-for-the-year-2020-2/?noamp=mobile&_gl=1%2Awpnf61%2A_ga%2AYW1wLXRRVkJZFdZ6QTF4clh3YWNFbWFNOVE)

## **11. Workshops & Events**

### **▪ Educational Activities Organized by NU :**

#### **1. BOOT CAMP, HSBC & RESONANCE 2020**

Boot Camp was held first time for Early Enrolment students from Aug 10-16. Head Start Boot Camp (HSBC) & Resonance Programme were conducted from 17<sup>th</sup> to 31<sup>st</sup> August 2020. Following events were conducted:

- Academic Workshops for respective Areas.
- Central workshops on ‘Personal Quality Initiative’ and ‘Design My Future’.
- Invited Talks : Please refer to Invited Talk mentioned in Para I.
- Session on ‘Problems, Perspectives and Possibilities’ and ‘Learning to Listen’
- Cluster Meetings and Individual Cluster Reporting.
- Virtual Club meetings.

- Virtual tours for Campus Eco Tour, Green Airconditioning, Astachal, Trek to Suryoday Sthal and visit to Nooks & Corners of the Campus.
- Briefing by various Activity Heads Education Process at NU, Life on Campus, Research Opportunities, Placements, TALF, NSS, Swachh & Unnat Bharat, Library Services, IT Infra & NUcleus, Gender Sensitisation & Social Media Code.
- Briefing by student leaders of Tech fest (siNUoid), Cultural Fest (ingeNUity), TEDxNIITUniversity and AIESEC.
- Ms and Mr Fresher Competition.

▪ **Covid-19 Management :**

The University took pro-active measures to deal with this situation. Following preventive measures were adopted:

- All classes were suspended from 13 Mar 2020.
- Students were permitted to leave for home.
- All students on Holi Break were informed not to return till further instructions.
- Out pass for students inside the Campus was suspended.
- All cooked food from outside was banned.
- ‘Sanitisation and Screening Drill’ commenced at Main Gate.
- On-line classes commenced on 17 Mar, 2020.
- Due to ensuing Lock Down, Summer Vacation declared from 22 Mar to 31 May ,2020.
- All students left for home by 24 May; 30 students stranded on Campus.

**Protection Measures on the Campus -** Following measures have been adopted gradually from 13<sup>th</sup> March, 2020 :

- All stranded B Tech students left the Campus by 29 Jul.
- Three MBA (IDS) students left on 08 Aug on completion of final exams.
- 25 faculty and staff members lived on Campus (including 4 families).
- All procedures for screening and sanitisation followed religiously.
- All parents and students (new admissions & for collection of baggage) were put through the drill.
- Daily monitoring of COVID-19 positive cases in and around Neemrana from where faculty/staff and support staff travel to the Campus. Restriction on entry imposed as per localities/blocks of positive cases.
- Similar action for faculty and staff travelling back from outstation. Home/In campus quarantine for 7 or 10 days, depending on zone of visit.
- Arrangements for screening and sanitisation at the Main Gate.
- Shifting of all outsourced staff within Campus to prevent contact from outside.
- Hand wash and sanitisation arrangements at entrance of each building.
- Thorough screening of all persons entering from outside.
- Daly Medical Inspection of Mess/Dining Hall and Mess Staff.

- All empty buildings, rooms, toilets, classrooms and labs cleaned sanitised and locked up. Repeated every fortnight.
- Biometric Attendance system stopped.
- Operational staff reduced to 1/3rd and deputed in rotation.
- Regular sanitisation of 'High Touch' surfaces; lift buttons, door handles, knobs, taps, handrails etc.
- Wearing of mask mandatory for all.
- Adherence to Social Distancing norms.
- All sports facilities closed except jogging, walking and yoga.

**Support to Local Community** - Following support provided to stranded migrant labour, underprivileged of the society and the Civil Administration, under “**Project Aarogya Neemrana**” from 29<sup>th</sup> May:

- Quarantine Centre with 89 rooms established by NU at St Margaret Engineering College (closed since 2016), continues to be utilised by civil administration.
- Total 141 patients admitted in the Quarantine Centre; Average occupancy per day - 14.
- Provision of 200 Health Kits to Govt Medical Centre for the Quarantine Centre.
- Transit Centre for expats of Rajasthan landing at Delhi Airport set up on University Campus from 21 Jul. One wing of Undergraduate Hostel-1 and three floors of Post Graduate Hostel-1 utilised.
- Total 433 expats have stayed for one week each. Arrived from 6 different countries/locations – Dubai, Kuwait, Saudi Arabia, Bahrain, Oman and Muscat.
- 300 food packets daily to migrant labour through Civil Administration.
- 200 food packets daily to Banjara Colony adjacent to NU Campus.
- Food packets to transient labour on as required basis, through Civil Administration.
- Provision of 100 Health Kits to Govt Medical Centre for Quarantine Centre at Neemrana.
- Survey and preparation for activation of 100 room Quarantine Centre at St Margret College Neemrana; one-week work schedule.

**Honouring Corona Warriors by Labour Minister Rajasthan at RIICO Office** - On 10 June 2020, Mr. Tika Ram Julliy, Honourable Minister Labour, Factory & Boiler Inspection, Co-operative, Indira Gandhi Canal Project Department Govt of Rajasthan awarded Certification of Appreciation to NU as “Corona Warrior” for the contribution and support shown by NIIT University during COVID-19, at the RIICO Conference Hall. It was received by the Maj Gen A K Singh on behalf of NU.

NU has been supporting the local community ever since 29th March 2020. Many food packets have been distributed by NU to the migrants, transiting labour, and in the Banjara colony next to NIIT University. They also provided health kits to Chief Block Medical Officer Neemrana. NIIT University strongly believes that using preventive measures and social distancing we can defeat corona.



- **Tech Fest ‘siNUoidV4.0’ being held from 20-22 Nov in digital mode.**
- **Centre for Innovation, Incubation and Entrepreneurship (CIIE)**
- **Smart India Hackathon 2020** - There were around 243 problem statements in the software category and nearly 1081 teams participated in finale under these problem statements. One out of these 243 problems statements was “*Crop yield estimation using modern ICT tools*” which was offered by Government of Bihar (DOA). CIIE is glad to share with you that team “Game Changers” from NIIT University competed with other teams under this problem statement and **secured the winner position in Smart India Hackathon 2020 under Software category.**
- It was a week-long rivalry of 33 teams formed by 181 students of all batches. Five workshops were organised during Hackathon on 'Git & GitHub', 'introduction to Node.js', 'APIs with Python & Flask', 'Github actions & Heroku' and 'Web frontends in React'.
- CIIE organized first ever e-Ideathon for NUtons during April 1-29, 2020. Multiple workshops on Ideation, development of PoC, IPR and Prototype design were delivered to participants during this event. Total 13 teams from BTech/IMBA participated in this event. 06 teams were shortlisted who represented NU in IIC National Innovation Contest 2020 was organized by MHRD’s Innovation Cell.
- CIIE organized first ever e-Ideathon for NUtons during April 1-29, 2020. Multiple workshops on Ideation, development of PoC, IPR and Prototype design were delivered to participants during this event. Total 13 teams from BTech/IMBA participated in this event. 06 teams were shortlisted who represented NU in IIC National Innovation Contest 2020 which was organized by MHRD’s Innovation Cell.
- **e-Hackathon (HackNU 2.0) - With the vision of bringing best minds from Industry, academia,** entrepreneurship domain and NU alumni, CIIE organized first ever e-Hackathon during May 27 – June 3, 2020 at NU. Eleven mentors from various industries and academia involving Bigbasket, IBM, PWC, Astra securities, Peex XP and IIIT Hyderabad. Five faculty members from CSE area were the judges.
- Team “Bug Slayers” participated in NASA Space Apps Challenge 2020, organized by Nasa with collaboration with Hacker’s Tribe Foundation, which was held on October 2-4 2020. Over 26,000 people participated in the challenge from nearly 150 countries. Bug Slayers got the Global Award Nominee in the Phase 1 Universal Event Judging out of 2200+teams which participated in the challenge from India.

NU Team members are :

- Priyanshu Joshi, 3rd Year (BT18GCS299); Anurag Porel, 2nd Year (BT19GCS007)
- Chirag Chawla, 2nd Year (BT19GCS235); Divyanshi Yadav, 2nd Year (BT19GCS238)
- G Shalom, 2nd Year (BT19GCS004); Karunesh Bamanjogi, 2nd Year (BT19GCS109)

- **Hult Prize (On campus):** The event was organized in the Aug-Dec 2020 semester by team of students lead by Aman Gupta (BTech CSE). Total ten teams involving around 40 students participated in the On-campus round.

Team BioPure were the Winner of the competition. The winning team represented NU in the Regional Round which is held in various destinations across the Globe. Biopure is new-gen packaging start-up that aims at revolutionizing packaging of grains for Indian Farmers. Massive amount of food is wasted due to moisture, rodents and fragility of packaging. Biopure produces nanotechnology-based biopolymer for affordable, reusable and durable packaging. This ensures effective storing and packaging of food, thus reducing overall wastage. At Biopure, all packaging is sourced responsibly, designed to be effective and safe throughout the life cycle. Thus making it a valuable resource for subsequent generations.

- **Hillytech Hackathon:** Hillytech Starter is an unique Online Hackathon, under the aegis of start-up India and MSME. HillyTech Hackathon provided an opportunity to come up with innovative solutions for the societal problems faced by hilly areas and industries, under different themes on Science, Technology and Electronics to Pandemic, Networking and Business. Total 120 teams across India participated in the hackathon.

Team ‘BugSmashers’ who represented NU, secured first position in the hackathon. Team worked on “Outdoor Plant Monitoring and Tracking System” and proposed solution in both software and hardware category.

- **NASA Space Apps Challenge 2020:** NASA Space Apps Challenge 2020 was organized by Nasa with collaboration with Hacker's Tribe Foundation. Over 26,000 people participated from nearly 150 countries. The team ‘The Bug Slayers’ who represented NU received the Global Award Nominee in the Phase 1 Universal Event. The team proposed a specialized algorithm that suggests sleeping slots and the number of sleeping cycles for the user to work at maximum efficiency. This will help the user’s body to rest properly and will help them balance their busy schedules. Also, depending on the user’s entered activity status and program, the daily calorie requirement and customized carbohydrate, protein and fat were shown.

- **HackNU3.0**

HackNU3.0, which started from 10<sup>th</sup> of March until 29<sup>th</sup> March. It consisted of three rounds, which included Ideathon, Hackathon and Blogathon. The three rounds had their own attributes, which supported the learners to grow their mind-sets in the field of entrepreneurship.

While idea generation was the focus of Ideathon round, Hackathon round provided the opportunity for participants to convert the idea into a working prototype. Participants

were also motivated to think about marketing and develop the business plan for the prototype.

Blogathon at the end provided the platform, which objectified writing blogs about the idea generated and advanced.

Total 29 teams involving more than 200 students participated in the competition.

#### ▪ **NU Launches ‘NUx: Online Lifelong Learning Portal’**

NIIT University announced the launch of ‘NUx - Online Lifelong Learning Portal’ on Sep 05, 2020. NUx allows learners from anywhere to attend a wide variety of short courses delivered by NU faculty members, eminent guests, and domain experts from the industry. These courses are conducted live through NU’s digital learning platform. NUx is available on <https://nux.niituniversity.in>

#### ▪ **Webinars**

- A Webinar on Developing Future Ready Employability Skills was organized on Saturday, 3<sup>rd</sup> October 2020. Prof. Prabhu Agarwal, President, NU, Mr. Jiten Puri, Director HR, Arab Media, Dubai, Ms. Seema Balani, Talent Acquisition Lead, NTT Singapore and Mr. Ashish Gakrey, Founder HR Shapers were the main speakers of the Webinar.
- An Online Panel Discussion on “The Future of Cyber Security & How to Build a Career in it” was organized on 7th October 2020. Prof. Bruhadeshwar Bezawada, CSE, Mahindra Ecole Central Academic Expert, NU CSE Programme Committee, Pradeep Saluja, General Manager, Cyber Security Practice, Tata Advanced Systems, Argha Bose, Head, Cyber Security & Risk Business , Tata Advanced Systems, Arun Kumar, Head, Managed Security Operations , Tata Advanced Systems and Rajat Rai, an alumnus of NIIT University and Consultant Cyber Security , PwC India, were the main Speakers.
- A Webinar on ‘Metamorphosis of Education’ was held on 27th September 2020. Prof. Sugata Mitra was the main speaker of the webinar, along with Prof. Mabel Quiroga as the challenger and Prof. Prabu Aggarwal, President, NIIT University as the moderator.
- **Conversation with Masters: Mr. Rajendra S. Pawar and Dr. K Kasturirangan** : On 9th October 2020, the students and faculty of NU attended a discussion amongst two prominent speakers, Dr. K. Kasturirangan and Rajendra Singh Pawar. The topic of discussion was the ‘New Education Policy (NEP) 2020’ which brings in transformational changes to India’s education system.

- **Lecture Series :**

1. **India's Economic Development in post-Independence period by Mr. Montek Singh Ahluwalia, Former Deputy Chairman, Planning Commission**

The Lecture Series by Mr. Montek Singh Ahluwalia was started from 10<sup>th</sup> March 2021. The Lecture Series will consist of 10 lectures on various topics of Indian Economy. The first lecture covered the economic condition of India since independence till 1990 and post-1990 period. The second lecture covered the impact of Covid-19 on the Indian Economy, fiscal challenges and the problems faced by the banks emphasizing the requirement for reforms in infrastructure development, ease of doing business, supporting exports, and supporting MSME's to create employment. The third lecture was on Deconstructing Strategy into four components viz., Slogans, Targets, Policies and Programmes.

2. **Making a Living Vs Making a Life by Mr. Gurcharan Das, a renowned author and former CEO of Proctor & Gamble**

In the first lecture held on 10<sup>th</sup> April 2021, Mr. Das spoke about the importance of making a life and difference between making a living and making a life. The talk was followed by a session of questions from the audience.

- **TALF :**

- Introduction to TALF by the Coordinator to the new students joined during the induction programme "Resonance" via online channel on 29<sup>th</sup> Aug. The session provided the first boot up for the new joinees regarding TALF as an organization and how and why to enroll.
- Decoding the Indian classical- Episode 3 on Indian instrument Veena. Performed and handled by Ms. Ananya Khambhampati (IMBA student) on 3<sup>rd</sup> Oct. The session concentrated on various aspects of veena and how it is played and its importance in Indian music and culture.
- A session by Mr. Harpal Singh and Mr. Rajendra Pawar on "An outlook on TALF" on 27<sup>th</sup> Oct via online mode. The session was conducted to provide students with in-depth understanding of Asian lenses from its founders.
- A talk on "Ancient educational heritage of India" by Ms. Sahana Singh on 31<sup>st</sup> Oct and 4<sup>th</sup> Dec. The sessions were done in two parts via online mode. The first session showcased the richness of the ancient Indian educational system and the second session on how we lost it in the hands of raiders. The sessions provided a lot of food for thought for the students.

- **Co-Curricular Events :**

- **The Developer Student Club of NIIT University (DSC-NU) – A new Club has been formed and it** held its first introductory session on 27th September 2020. where students were introduced to the club on a virtual platform. The objective of the session was to educate the students about the Google DSC community and how it will be profitable for them to join the club. The students were introduced to various projects that they will be working on. These projects will help enhance their technical skills.
- On 30th September 2020, another session was held which was led by Ninad Kanchan, B. Tech Batch 2018-22. He is the official facilitator for the ‘30 days of the Google Cloud’ initiative. The session was an introductory session for the ‘30 Days of Google Cloud’ initiative which started on 5th October 2020 and ended on 5th November 2020. It focuses on teaching university undergraduates the fundamentals of Google Cloud Platform and the various services surrounding it. Students can take part by completing one of the two tracks, the Data Science track or the Cloud Engineering Track. Upon successful completion, the students will be rewarded directly by Google

- **72nd Republic Day Celebration**

Flag Hoisting was done by the President, Dr Parimal Mandke. 25 members of the Support Staff were awarded for their outstanding contribution through the Pandemic.

## 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
32	2	11	5	2	11

### II. Number of papers published/accepted in peer reviewed conferences (Students): Names of the students are given in some of faculty publications (National) & (International)

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

Area	No. of students
Bio Technology	1
Computer Science	1
Electronics and Communication Engineering	2
Educational Technology	7
Geographical Information System	4
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 for their classification and identification	Dr. Mohd Anul Haq	Department of Science and Technology.	37.36	Mar-16 to Sept. 2020
2	Internationalized Master Degree Education in Nanoelectronics in Asian Universities	Prof. Vijay Mandke	European Commission Project	61.94	Oct-16 to July 2020

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

Area	Rewards
Bio Technology	6
Computer Science	5
Electronics and Communication Engineering	5
Educational Technology	0

Geographical Information System	3
Mathematics and Basic Sciences	4
Management	3

## VI. R & D project & Advanced R&D project

The Research and Development (R & D) projects is a core course for all undergraduate 6<sup>th</sup> 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.

Faculty members have been guiding 64 R&D projects and students of sixth semester are working in a particular project according to their preference. Advanced R&D project will be offered in the 7th semester as one of the open electives.

## 13. Distinguished Lecture Series

Sr. No.	Date	Name of the Speaker	Designation & Organisation	Topics covered
1	Wednesday September 16, 2020	Ms. Nidhi Mittal	Head Marketing ,Tata Advanced Systems – Cyber and Physical Security Division	You Are a Brand: Realizing the Importance of Personal Branding
2	Friday September 18, 2020	Mr. Ajay Goel	Vice President and Head of Engineering for ‘Software and Digital’ at ALTRAN	Emerging Careers in Engineering

## 14. Faculty/Staff Achievements

- Prof. S. N. Sharan, Area Director, ECE area published a paper titled “Sensing schedule optimisation to minimise interference with primary users in cognitive radio network” in Indonesian Journal of Electrical Engineering and Computer Science, March 2020.
- Prof. Ajay Kumar Singh, Professor, ECE area published a paper titled “Dual Metal Triple-Gate-Dialectic (DM-TGD) Tunnel Field Effect Transistor (TFET): Design and Performance Investigation” - Silicon Journal April 2020.

Prof. Ajay Kumar Singh, has been appointed as Adjunct Professor- Multimedia University, Malaysia for 2 years from 1<sup>st</sup> March 2020 to 28<sup>th</sup> February 2022.

- Prof. Ratna Sanyal, Professor CSE and Dean Research, the paper titled "Semi-automatic generation of UML models from Natural Language Requirements" by Dr. Deva Kumar Deepti Mahtani and Prof. Ratna Sanyal, Professor from ISEC 2011 has been awarded the ISEC “Test of the Time Award 2020” at the annual conference of iSOFT, ISEC 2020 held at IIITDM Jabalpur from 27-29 Feb 2020.
- Dr. Ayan Nandy, Assistant Professor CSE along with Dr. Sandip Das, and Swami Sarvottamananda, published a paper “Linear time algorithms for Euclidean 1-center in  $\mathcal{R}^d$  with non-linear convex constraints” in Discrete Applied Mathematics Journal (Volume 280, 15 June 2020, Pages 71-85 ) ISSN: 0166-218X.
- Dr. Sanjay Biswash, Assistant Professor CSE along with D. Nalin K. Jayakodey published an SCI Journal paper in IET Publication (UK), “Energy-efficient Node-to-Node Communication Scheme for Fog-based Cellular Networks”, in IET Communications , Volume 14 (2020), Issue 10, pages 1595-1602.
- Dr. Thota Sivasankar, Asst. Professor GIS, received certificate of appreciation from IEEE Hyderabad section Jt. Chapter of CIS/GRSS Societies for delivering invited webinar on the topic, “An Overview of Artificial Satellite Technology: State of the Art and Current Trends" on 19th April, 2020.
- Dr. Thota Sivasankar, Assistant Professor GIS- Research article, Performance evaluation of multi-parametric synthetic aperture radar data for geological lineament extraction, published in **International Journal of Remote Sensing**, Volume 42 Issue 7.



- Dr. Thota Sivasankar, Assistant Professor in NIIT University, received the ‘Certificate of Recognition’ in appreciation of his contribution as a Technical Committee Member to the 2020 5th International Conference on Computer and Communication Systems (ICCCS 2020). This conference was held in Shanghai, China on 15-18th May 2020.
  
- Prof. Debashis Sengupta, Prof. Surender Singh, Dr. Kumar Nitesh and Dr. Vikas Malviya completed online FDP on Blockchain and Machine Learning organised by IBM from 27th July to 31st July’20 to build internal capabilities in Blockchain with existing faculty members.
  
- Dr. Neha Tiwari presented her research at the prestigious IEEE Nano 2020 conference as an invited speaker. Her work is on “Multi-Layered Hybrid Quantum Dot LEDs: A Stride Towards a Cleaner, Greener, and Safe Lighting Solution for Display Applications”. The conference was held on 29<sup>th</sup> and 30<sup>th</sup> July 2020.  
Conference Link: <https://2020.ieeenano.org/program/invited-speakers/>
  
- Dr. Neha Tiwari, ECE Area has been conferred CMI level 5 certification under UKIERI Leadership Development Program 2019-20 on 13<sup>th</sup> October 2020 from Dudley College , London ( UK ).
  
- Prof. S.N. Sharan, Area Director, ECE published paper on “Resource Allocation in Cognitive Radio with Deep Reinforcement learning”, IEEE Xplore through COMSNETS, 2021, 13<sup>th</sup> International Conf. on Communication System and Network, Jan 5-9, 2021 Bengaluru.
  
- Mr. Abhishek Dutta published a paper on ‘Impact of Electronic Servicescape of Online Gaming on Customer Engagement’. He mentioned how Journal of Electronic Commerce in Organizations Customer engagement today has become crucial in creating stickiness for a brand. The elements of service scape influences the user of a website to return to the website and get involved.
  
- Mr. Abhishek Dutta and Mr. Pranav Ranjan published a paper on ‘A Qualitative Study on Understanding the Trustworthiness of Online Reputation Management’. The paper aims at understanding the customers mindset towards online reviews posted on the website regarding products.
  
- Dr. Vinay Kumar Kainthola (Asst. Librarian) was included in the top 50 eminent librarians in India for the year 2020 by uLektz Wall of Fame.

## 15. Students' Achievements

S. No.	Student (s) Name	Achievement
1.	Jatin Gupta, 2016 Batch	Participated in the prestigious HPAIR (Harvard Project for Asian and International Relations) Harvard College Conference 2020 held at Harvard College, Cambridge from February 14-17, 2020. He had been selected among the 300 delegates from more than 60 countries from all over the world.  He participated in 'Energy and Environmental Sustainability' track.
2.	Aman Gupta, B.Tech, CSE (3 <sup>rd</sup> Year)	Has been selected for the position of <b>Campus Director</b> for the <b>Second Edition of the Hult Prize NIIT University</b> . He was selected based on his responses in a comprehensive application and 2 rounds of online interviews.
3.	Anirudh Verma, Shourya & Pragya Datt, Vaibhav Goel, Navneet Krishnan and Sourav Shaw (B. Tech Batch 2017- 21)	Were winners at the “Spardha” the chatbot development competition organized by Admizzionz Campuz in collaboration with NU. It started on 12 Aug 2019 and the results were out on 31 July 2020. Students were required to develop the product from scratch following the SDLC. The competition consisted of three phases Defining the Framework, Application Design, and Application Development.
4.	Karthik Ram Mamidana (B.Tech 2017-21)	Published an article on the new Education Policy in the Daily Guardian on 18th of August.
5.	Anshika Kaushal and Ishika Aggarwal, I-MBA 1 <sup>st</sup> Year	They were declared Winner and Runner Up respectively in the Social media Vlog competition for First year students.
6.	Anushree Krishania, (B.Tech Batch 2018-22)	Secured the first runner up position in Inter-Institutional Inclusive Innovations Center (i4C) organized a technical blog writing competition. It was a chance for all the students to showcase their analytical knowledge and share it with the world. The competition consisted of three various technical themes. Under the topic, ‘Student Innovation’.

7.	Himanshu Nikhare (B.Tech, Batch 2017-21) and Somanshu Singh (B.Tech, Batch 2018-22)	<p>One of the core principles of NIIT University is Technology-driven. During the lockdown, the existing NU app has been modified and drastically improved to aid in digital learning when the semester resumes. One of the key features was the integration of QR codes to mark attendance.</p> <p>Two NUtons developed a mobile app that includes various functions such as viewing the timetable scheduled for the day, mess menu, check and mark attendance. The app is made available for both Android and iOS users.</p>
8.	Rahul Saha (B.Tech, Batch 2016-20) in collaboration with Ronnie Sinha	<p>Released his first song "Ijzat Nahin" on 1<sup>st</sup> June 2020. He had been working on the song since his fifth semester. Lyrics for the song are written by Rahul Saha and it has been embellished with music and sung by Ronnie Sinha. The lyrical video was brought out by RC's Albums. The genre of the song is romantic and is available on various platforms like Amazon Music, iTunes/ Apple Music, YouTube Music, and Google Play Music.</p>
9.	Ninad Kanchan, Sahil Singh Rawat, Siddhant Sharma and Yukta Sharma of B.Tech Batch 2018-22	<p>It was an extremely proud moment for NIIT University when the team 'Dividers' won the Jury's Choice Award at IBM Hack Challenge 2020. Team Dividers secured a place in the top 30 grand finalists among 4570 teams which included 9295 participants from all over India. The team's theme was "Intelligent Post-Lock Down Management System for Public Transportation".</p>

10.	The team ‘Game Changers’ are from Batch 2018-22 and consists of: Vishnu Sharma, Ninad Kanchan, Sahil Singh Rawat, Siddhi Lad, Rajat Kaushik, Arjun Bakshi.	The team ‘Game Changers’ secured the winning position in Smart India Hackathon 2020 under the Software category. The team’s theme was ‘Crop yield estimation using modern ICT tools.’ There were around 1081 teams in the finale dealing with various problem statements. The winning team participated in Smart India Hackathon from Sri Krishna College Of Engineering and Technology, Coimbatore centre. The competition was held on 19th August 2020.
11.	The Team members of BugSmashers are: <ul style="list-style-type: none"> <li>• Ish Chaudhary (Batch of 2018-22)</li> <li>• Ankit Gupta (Batch of 2018-22)</li> <li>• Akshat Joshi (Batch of 2020-24)</li> <li>• Sahej Anand Singh (Batch of 2020-24)</li> <li>• Piyush Saklani (Batch of 2020-24)</li> </ul>	The team BugSmashers participated in the nationwide HillyTech 2020 Hackathon and has secured 1st position. They created an innovative solution for the problem statement "Outdoor Plant Monitoring and Tracking System". Out of the 120 teams, only 8 teams across the country were selected for finals.
12.	Venkatesh Pithani (Lead) & Siddharth Swain, PhD. (GIS)	They have received recognition as Winners in IIB-ISRO-AICTE Mapathon. Mapathon is a national-level map-making competition for a specific problem statement. This event was organized jointly by IIT Bombay, AICTE and ISRO, had invited all Indians - to produce maps using Indian remote sensing data. The primary objective is to understand the potential of Indian remote sensing data and make maps for Indian regions using free open source mapping software (QGIS).
13.	Prasad Balasaheb Wale (Lead) (PhD-GIS) & Soumik Chakraborty (M.Tech-GIS)	They have received recognition as Notable Participant in IIB-ISRO-AICTE Mapathon

## Alumni Achievements :

1.	Shikhil Sharma and Ananda Krishna	Astra Securities which was founded by Shikhil Sharma and Ananda Krishna has been listed in top 100 most innovative companies for 2020. The list is released by CYBERTECH100 which is an annual list of 100 of the world's most innovative CyberTech companies.
2.	Akshaye Khanna, alumni of NU of batch 2016-2020	<p>Led a project to revamp the chat strategy for international and national geographies in Mercer   Mettl as part of his IP.</p> <p>Due to a good improvement in the performance of the channel He had been given a spot award and his work had also been praised by the CEO (Mr. Siddharth Gupta).</p>

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

Despite the lockdown and restrictions , the University continued with the co-curricular activities by adopting to the virtual modes. The below activities were successfully conducted.

- 1) DAILY FUN PUZZLE (ONLINE)
- 2) MUSIC AND DANCE COMPETITION (ONLINE)
- 3) BLOOD DONATION CAMP ( 25TH MARCH, 2021 IN CAMPUS)

### a. **Developer Student Club NU: Two events were conducted:**

Event 1: DSC-WOW was a week-long event (07-13 Dec 20) conducted by a collaboration of 120+ Developer Student Clubs across India, including Developer Student Club - NU. 6 speakers participated in the week-long event; details on the official DSC-WOW website.

Following speakers addressed during the Event:

- Erica Hanson - Program manager at Google.
- Koren Grinshpoon - Founder & COO at echoAR (Techstars '19).
- Rachel Hu - Applied Scientist at AWS AI, and many more.

10,000+ participants from all over India attended DSC-WOW, including 40+ NUtons.

Event 2: Introduction to Mobile Application Development, held on 23 Jan 2021. Aimed at briefing NUtons on the basic concepts of mobile app development. Event was conducted by Core team of DSC-NU conducted the session. 100+ NUtons attended.

**b. Electronics and Gaming Club (G.A.M.E.R.S NU):**

Event 1: Valorant Tournament, conducted from 08 to 11 Jan 2021.

15 Teams, each consisting of 5 members, (total 75) participated.

Event 2: CS: GO Tournament, conducted from 22 to 26 Jan 2021.

5 teams, each consisting of 5 members (total 25) participated.

**c. Dance Club:**

Event 1: Dance Workshop (collaboration with Team Pelto - IIT Ropar), on 26 and 27 Jan 2021.

Event 2: Taal-se-Taal Mila (collaboration with Team IngeNUity) from 28 to 30 Jan.

**d. Prism- The fashion society of NU:**

Event 1: Halloween Face Painting Contest, held from 31 Oct 2020 to 07 Nov 2020

Event 2: Project Launch – Merchandise Store, held on 20 January 2021

**e. NU RUNS (Running Club):Event – ‘Break the Inertia’. The challenge was to complete 2kms within 18 minutes everyday for a period of 7 days without fail. All participants had to install the Adidas Running App which records the running distance, speed as well as some other features.**

Chapter-1 was conducted from 11 to 18 Oct 2020, in which 43 students enrolled but only 23 managed to complete it for all the days.

Chapter-2 was conducted from 01 to 08 Jan, in which 40 students participated and completed.

**f. Rangmanch NU: NU Rangmanch conducted one event on 26th January 2021 (Republic Day). It was a short play titled "In Pursuit of Dispute". It can be viewed on Youtube link-<https://www.youtube.com/watch?v=XrQ2xZDUZWY>.**

13 actors of NU Rangmanch participated in the hilarious play (Iftikar Asif, Anirudh Sharma, Jaitra Sriniket Mondal, Sreejita Mukherjee, Aayan Nayak ), Video Editor - (Yuvraj Singh), Script Writing - (Mohd Hamza, Sandhya Chettiar, Ussam Siddiqui, Nitish Ranjan, Aayan Nayak, Mehakk Lunkar, Amisha Das, Iftikar Asif, Anirudh Sharma, Sriniket Mondal, Sreejita Mukherjee, Nikita Vashishth).

**g. Debating Society (DEBSOC): event - Argumental (Inter-Collegiate British Parliamentary Debate), held on 21 & 22 Nov 2020. 16 students participated with 3 adjudicators. On Google Meet,twice a month Intra-club Parliamentary debates and Group discussions were organized.**

**h. KaviShaala - Poetic Society of NU:** Following 6 events conducted:

- i. 10 Nov 2020: “Ankahi-Daastan” Virtual KaviShaala’s event to share poetries, thoughts and feelings. Total No. of Participants: 20.
- ii. 22 Nov 2020: Live Poetry performance at the closing ceremony of sinusoid v4.0. Total No. of participants: 5.
- iii. 06 Dec 2020: Live Poetry Competition at IIM-Indore Total No. of Participants: 4.
- iv. 29 Dec 2020: Live Poetry Performance at “IMPOSTER 2020: An End to Remember” conducted by ingeNUity. Total No. of Participants:2.
- v. 26 Jan 2021: “Alfaaz-e-takallum” Virtual poetry competition by KaviShaala Total No. of Participants: 20.
- vi. 01 Nov 2020 to 31 Jan 2021: Social Media Participation (Instagram: kavishaala\_)  
No. of Posts: 84 No. of reels: 26, Followers: 100, Total No. of Participants: 24.

## 17. Campus Development

Following works were executed:

- a. Creation of touch free hand wash stations at the entry to the Campus, at the entry of each building in the Campus and all wash basins.
- b. Creation of touch free drinking water points, both for normal and hot drinking water in all hostels, academic buildings and messes as per COVID-19 Guidelines.
- c. Provision of Sanitization stations in corridors of all buildings and in all meeting rooms and labs.
- d. Marking of seats in all classrooms and labs as per social distancing norms.
- e. Marking in all corridors for two-way movement with social distancing.
- f. Installation in all hostel corridors with monitoring stations in each hostel for ensuring adherence to COVID-19 Guidelines.
- g. Provision of additional cameras and special podiums for two- way broadcast of on-line classes in classrooms and lecture theatres.
- h. Setting up of UV Sanitization Station at the Maun Gate for sanitization of luggage and material brought into the Campus by students, employees, courier person and vendors.
- i. Creation of fully furnished 89 room Central Quarantine Facility for Neemrana Block in St Margaret Engineering College.
- j. Construction of one more (5<sup>th</sup>) Water Harvesting Re-charge Pit on the Campus.

## 18. 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.

### CONTACTS

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