# DELHI TECHNOLOGICAL UNIVERSITY

# MINUTES
## of
## 6th meeting

# UNIVERSITY COURT

Date : 03.04.2024

Time : 12:00 Noon

Venue : Conference Room at Raj Niwas, Delhi 110054

**Shahbad Daulatpur, Bawana Road, Delhi-110042**

# Delhi Technological University

**(Established under Govt. of NCT of Delhi Act 6 of 2009)**
**(Formerly Delhi College of Engineering)**
**Shahbad Daulatpur, Bawana Road, Delhi - 110042**

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# Delhi Technological University

**(Established by Govt. of NCT of Delhi vide Act 6 of 2009)**
**(Formerly Delhi College of Engineering)**

F.DTU/Council/Univ.Court/61/2024/472  Date : 10/6/2024

## Minutes of the 6th meeting of the University Court of Delhi Technological University.

The 6th meeting of the University Court of Delhi Technological University was held on 3rd April, 2024 in Conference Room of Raj Niwas, Delhi under the chairmanship of Hon'ble Lt. Governor/ Chancellor of Delhi Technological University, Sh. Vinai Kumar Saxena.

Following members were present: -

1. Prof. Prateek Sharma, Vice Chancellor, Delhi Technological University.

2. Ms. Alice Vaz R., IAS, Secretary (Department of Training & Technical Education/ Directorate of Higher Education), Government of NCT of Delhi.

3. Prof. Rajendra B. Kakde, Advisor, AICTE.

4. Prof. Madhusudan Singh, Registrar, Delhi Technological University.

Following were present from DTU to assist the Court:

1. Prof. Nirendra Dev, Controller of Finance;
2. Sh. Mahesh Kumar, Dy. Controller of Accounts;
3. Sh. Ajay Kumar Gupta, DDO;
4. Dr. Lokesh Garg, Assistant Registrar
5. Prof. Ruchika Malhotra

The Vice Chancellor, Delhi Technological University, welcomed all the members to 6th meeting of the University Court. With the permission of the Hon'ble Chancellor, the Vice Chancellor introduced all members who were present. The Vice Chancellor requested Hon'ble Chancellor for opening remarks.

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**Agenda 6.1 :  Opening remarks by the Hon'ble Chancellor.**

Hon'ble Chancellor welcomed all the members to 6th meeting of the University Court of Delhi Technological University and granted permission to the Vice Chancellor, Delhi Technological University to initiate the proceedings of the Court.

The Vice Chancellor, Delhi Technological University initiated the proceedings of the Court.

**Agenda 6.2 : Confirmation of minutes of 5<sup>th</sup> meeting of the University Court held on 28.04.2023.**

The minutes of 5<sup>th</sup> meeting of the University Court, held on 28.04.2023, were circulated among all the members vide no. F.DTU/ Council/ Univ.Court/ 46/ 2023/ 723 dated 09.06.2023. Minutes of last meeting placed as Annexure-I in the Agenda note.

Though, no comments were received from any member of the Court, Hon'ble Chancellor sought comments of all members on the minutes of the last meeting. All the members unanimously agreed to the minutes of its 5<sup>th</sup> meeting held on 28.04.2023.

**Resolution:   The University Court confirmed the minutes of its 5<sup>th</sup> meeting held on 28.04.2023.**

## Agenda 6.3 : Action Taken Report on the decisions taken in 5th meeting of the University Court held on 28.04.2023.

The University Court was informed that 09 agenda items were discussed in the last meeting held on 28.04.2023. The agenda items, decisions taken thereon and the action taken by the University were presented for information of the Hon'ble members as given below:

| Item No. | Agenda Item | Decision Taken | Action Taken Report |
|----------|-------------|----------------|---------------------|
| 5.1 | Opening remarks by the Hon'ble Chancellor. | Noted | Taken on record. |
| 5.2 | Confirmation of minutes of 4th meeting of the University Court held on 29.03.2022. | The University Court confirmed the minutes of its 4th meeting held on 29.03.2022. | Taken on record. |
| 5.3 | Action Taken Report on the decisions taken in the 4th meeting of the University Court held on 29.03.2022. | The University Court took the Action Taken Report of the 4th meeting on record. | Taken on record. |
| 5.4 | Presentation of progress of the University by the Vice Chancellor. | The University Court noted the progress of the University and passed resolution as suggested by the Hon'ble Chancellor and all the members. | Taken on record. |
| 5.5 | To present Annual Report of the University for the Academic Year 2021-22. | The University Court considered and passed the 8th Annual Report of the Delhi Technological University for the Academic Year 2021-22. | Hon'ble Education Minister, Delhi sent the 8th Annual Report for the year 2021-22 of the University to the Secretary, Delhi Vidhan Sabha vide D.O. no. 311 dated 12.02.2024 for placing on table of the House and the Annual Report was laid on the table of House on 16.02.2024. |

| 5.6 | To present the Audited Annual Statement of Accounts of the University for the year 2021-22. | The University Court considered and passed the Audited Annual Statement of Accounts of the University. | The Audited Annual Statement of accounts of the University for the year 2021-22 has been circulated to all the statutory bodies. |
|---|---|---|---|
| 5.7 | Submission of status of Audit Report of the University by the Comptroller & Auditor General of India for the year 2020-21 and 2021-22. | The University Court considered and passed the Audit Report of the University by the Comptroller & Auditor General of India for the year 2020-21 and 2021-22. | CAG Audit Report of Delhi Technological University for the year 2009-10 to 2018-19 along with Action Taken Report laid on the table of the House on 16.02.2024 and Annual Accounts & Audit Report for the year 2019-20 & 2020-21, which are to be tabled in the Legislative Assembly, NCT Delhi are under printing. |
| 5.8 | Status of Audit Paras. | The University Court took the Status of Audit Paras on record and advised that Outstanding Audit paras should be expeditiously settled and noted the advice of Principal Secretary, Finance. | University submitted the replies of the audit paras to the office of Accountant General. |
| 5.9 | Any other item with the permission of the Chair. | There was no other item. | No action required. |

**Resolution : The University Court took the Action Taken Report of its 5<sup>th</sup> meeting on record.**

**Agenda 6.4:** **Presentation of progress of the University by the Vice Chancellor.**

The Delhi Technological University continued to deliver the best in areas of education, research, innovation, international collaborations and extension activities.

The achievements and accomplishments of the Delhi Technological University since last meeting of the Court held on 28.04.2023 are summarized below.

## A. Education: Academic Achievements

Delhi Technological University is a non-affiliating, teaching and research University at Delhi to facilitate and promote studies, research, technology incubation, product innovation and extension work in Science, Technology and Management Education and also to achieve excellence in higher technical education and other matters.

Delhi Technological University has an illustrious history. This premier institution is well known worldwide for its outstanding education, research & innovations.

The UG and PG programs of DTU offer most modern curricula, based on NEP 2020 frame work, having rich mix of courses from science, engineering, management, social sciences, humanities, fine arts, liberal arts, classical music, sports, etc. The course curricula have been developed with a view to integrate advancements in science and engineering, while also incorporating industry relevant technologies. DTU curriculum provides the flexibility of choice through vide variety of interdisciplinary elective courses as minor area of study which widen the horizon of study and enhance employability of graduands.

Delhi Technological University currently offers various inter-disciplinary and industry relevant programs in Science, Engineering, Management & Allied areas at both the undergraduate and postgraduate level. The University offers 14 undergraduate engineering programs, 25 post graduate engineering programs, 5 MBA programs, 01 M.Des, 01 M.A. (Economics) and 4 M.Sc. programs. Besides this the University offers 3 bachelor programs in allied areas namely B.Des., BBA and B.A. (Honours) Economics. Following are the few new initiatives taken by the University

- MBA (Executive) program in Data Science and Analytics introduced in East Delhi Campus w.e.f. AY 2023-24.
- The University has introduced AICTE-ADF fellowship for Ph.D. students in addition to existing DTU fellowship.
- Four Year UG Programs B.A. (Economics) & BBA started w.e.f AY 2023-24 and admissions completed on the basis of CUET-UG score,
- Admissions to two-year courses M.Sc. (Mathematics), M.Sc. (Physics), M.Sc. (Chemistry), M.Sc. (Biotechnology) and M.A. (Economics) completed in Academic Year 2023-24 based on CUET-PG score.
- Admissions in M.Tech through AICTE-QIP scholarship scheme also started.
- Ph.D. course work opened through Swayam/ NPTEL also.
- Ph.D. admission for "Industry/ Working Professionals" introduced in Academic Year 2023-24.

**Student Strength and Accreditation**
- Student strength in the University including UG, PG and Ph.D. programs is increased to 15487.
- The 10th Convocation of the University held on 16th November 2023 to confer total 3620 degrees out of which 2628 Under Graduate degrees, 845 Post Graduate degrees and 147 Ph.D. degrees awarded.

- NBA accreditation for 8 UG Programs namely B.Tech in EE, CE, PE, BT, EC, EP, MC and CHE and 9 PG Programs completed.

**New programs started:**

(i) Four-Year Undergraduate Program (FYUP) in BBA (Hons) and B.A. (Hons) Economics introduced in Academic Year 2023-24.

(ii) Integrated B.Sc. + M.Sc. with multiple entry and exit in accordance with NEP 2020 (likely to start from Academic Year 2024-25).

(iii) MS by Research Program (likely to start from Academic Year 2024-25).

(iv) M.Tech. curriculum revised with multiple entry and exit as per NEP 2020.

(v) Ph.D. fellowship and contingency grant for research scholars increased w.e.f 1$^{st}$ January 2024.

**University Rankings:**

The University has been consistently ranked among best 10 engineering institutions as per the various independent surveys on Best Engineering Institutions of the country. The University has been ranked 6$^{th}$ in University category and 8$^{th}$ amongst Government Engineering Colleges by India Today in 2022. The 2023 NIRF rankings placed DTU at the 29$^{th}$ position among the engineering institutions and at 40$^{th}$ in the Category of Universities. In 2023, the University has participated in Times Higher Education World University Ranking and has been placed 801-1000$^{th}$ position in University Category.

## B. Research and Development/Consultancy Work

In 2023, the h-index of the University is 120 with 1984 Scopus-indexed publications and 32484 citations (as reported by Scopus). The University is committed to support excellence in research and recognizing faculty and students, based on this idea, the University has constituted Research Excellence Awards in 2017. This year there have been 385 SCIE indexed publications being awarded Research Excellence Awards.

### MoUs with Industries/ Institutions and Patents Filed/Awarded

The synergy between academic institutions and industrial entities is indeed a cornerstone for driving innovation and translating research into tangible societal benefits. The establishment of six new Memorandums of Understanding (MoUs) with prominent organizations, including Mitsui Chemicals and the Indian Chemical Council, exemplifies a commitment to this collaborative spirit. Particularly noteworthy is the initiative by the All India Glass Manufacturer Federation to establish a Glass Skill Centre within the University. This centre promises to be a hub for skill development, fostering expertise in glass manufacturing, which is pivotal for numerous industries. Such partnerships not only accelerate the commercialization of research but also enrich the educational experience, providing students with hands-on learning opportunities that are closely aligned with industry needs.

The University's commitment to innovation and research is evident from the impressive number of patents granted in its name. With 18 Indian and 3 US patents already secured, and a significant number of those awarded in the Academic Year 2023-2024 alone (9 Indian and 2 US patents), the institution is making notable strides in intellectual property creation. The filing of 9 new patents and the progress on 7 more applications are underway. University is planning to develop corporate relationship cell under IRD. This cell will play a crucial role in bridging the gap between academia and industry, ensuring that the innovations developed through the University research are effectively transferred to the market, thereby fostering a culture of commercialization and practical application of research outcomes.

### C. Infrastructure Development

The allocation work of two recently inaugurated academic blocks and three hostel blocks is completed and the blocks are fully functional. It is providing the academic infrastructure for more than

3000 students and is accommodating an additional 666 girls and 333 boys in hostels.

**New Research Centres:**

### 1. 5G Use Case Lab

Delhi Technological University has been awarded 5G Use Case Lab sponsored by Department of Telecommunications (DoT) Government of India. The DoT's recognition and support for the Lab aims to catalyze research and development efforts, propelling India towards a digitally empowered society and a knowledge-based economy.

The Lab's core mission revolves around several key objectives to advance the understanding and application of 5G technology. Researchers are dedicated to comprehensively understanding 5G's technical capabilities and limitations across diverse scenarios. Leveraging cutting-edge infrastructure and a multidisciplinary approach, the Lab develops and tests innovative applications harnessing 5G's power (high-speed, low-latency, massive connectivity). Collaboration with industry partners is instrumental in validating and optimizing 5G solutions for real-world deployment, aligning with the Make in India initiative. The Lab's impact extends beyond technological innovation, with significant socio-economic benefits for India. It fosters collaboration between academia, industry, and government, serving as a catalyst for innovation, entrepreneurship, and job creation within the telecommunications sector.

The Lab's research and solutions have the potential to address societal challenges and improve efficiencies in healthcare, agriculture, education, and smart city initiatives. As India aspires to become a global leader in telecommunications, the 5G Use Case Lab plays a pivotal role in driving innovation, fostering entrepreneurship, and shaping the nation's digital future. The recognition and support for the 5G Use Case Lab at DTU Delhi

highlight the government's commitment to propelling innovation and digital transformation. As India embraces 5G deployment, the Lab will continue to play a central role in shaping the future of telecommunications and driving sustainable growth.

## 2. Centre for Community Development and Research

DTU is in the process of establishing a Centre for Community Development and Research (CCDR). This centre will be a multidisciplinary research Centre to provide technological solutions to the problems faced by rural and urban communities. The primary focus of the proposed centre will be on the local societal problems of the community and their technical solutions to enhance the sustainable livelihood of communities. The proposed areas of research relevant to the various sectors shall be centred around drones for pesticide distribution & weed detection, grassroots innovation including frugal designs, value-added food products, drones for detecting cracks in buildings, management of traffic, surveillance underwater, ground and aerial mode, water and wastewater management, cyber security amongst many others. Focusing on the central ideas of accessibility and affordability, the centre shall also focus on frugal innovation to suggest cost-effective solutions for community problems within the limited resource framework of a developing country like India.

## D. Student Placements

DTU Training and Placement Department is committed to provide excellent placement opportunities to its students. Our past recruiters are Atlassian, Microsoft, Google, Salesforce, Rippling, Adobe, Intuit, Uber, Texas Instruments, Sprinklr, Qualcomm, GAIL, BEL, Maruti, KPMG, PWC, BAIN, Mckinsey and many more. Some of the prominent statistics for placements in the last year (2022-23) are: -

Number of Companies visited 337, number of offers 2118, Highest International CTC Rs. 82.05 Lakh Per Annum (LPA). Number of offers above Rs 20 LPA are 518, Average CTC is Rs. 16.71 LPA.

In the ongoing academic session 2023-24 (Till 20<sup>th</sup> March 2024), the top recruiters include Google, Microsoft, Apple, Zomato, Adobe, Intuit, Salesforce, SRIB, Uber, Fast Retailing, Samsung, Qualcomm, Texas Instruments, Maruti, Tata Motors, GAIL, EIL, Morgan Stanley, BAIN, Mckinsey, KPMG, PWC and other similar organizations.

In the Academic Year 2023-24 (Till 20th March 2024) a total of 239 **companies** have made **1362 job** offers to students from various streams of UG & PG programs in diverse fields of engineering and technology.
- Highest Package at Rs. 85.3 LPA (Atlassian).
- Average Package is Rs. 15.74 LPA.

Also 50 companies have offered internship to more than 100 students with average stipend of Rs. 63000 per month and highest stipend of Rs. 2 Lacs per month offered by Sprinklr.

E. **Innovation & Entrepreneurship**

Delhi Technological University established Technology Business Incubator (TBI) in the name of **DTU Innovation and Incubation Foundation (DTU-IIF).** DTU-IIF was incorporated as Section 8 Company on 06.09.2016. The CIN of the DTU-IIF is U74999DL2016NPL305531.

**Key Achievements of DTU-IIF:**

1. **DTU supported Incubation Program:**
- DTU-IIF is currently having 56 start-ups under pre-incubation and incubation stage. Out of these 35 start-ups have already registered their companies.
- Under DTU incubation program 15 start-ups are in revenue stage and they have earned a revenue of 20 Crore in FY2023-24.
- These start-ups have raised 32 Crore investment from external investors.
- Current valuation of DTU-IIF start-ups is approximately 400 Crore.
- About 250 employments are generated by DTU-IIF start-ups.

- These start-ups are mainly working in the area of Clean tech, drone, EV, Fin Tech, Ed-Tech, Personal care, Marketing, etc.

## 2. Start-up India Seed fund scheme (SISFS) Project:

- DTU-IIF awarded seed fund grant of 4 Crore from DPIIT under Start-up India Seed fund scheme (SISFS) of GOI.
- Under this project 22 start-ups are selected and 1.28 Crore seed fund is disbursed so far.
- Recently M/S Magnum a start-up supported under this project raised 6 Crore at a valuation of 60 Crore.

## 3. Inclusive Technology Business Incubator (ITBI) NIDHI, DST Project, GOI:

- DTU-IIF received 5 Crore grant from DST for iTBI project under NIDHI scheme from Govt. of India.
- The aim of this program is to support women led start-ups with technology focus.
- DTU-IIF conducted 10 outreach cum training program in Delhi-NCR regions in last 3 months.
- Recently launched first Pre-incubation cohort for 30 women led start-ups under this program.

## 4. NASSCOM Foundation Ciena Spaces Program:

- 6 start-ups including 3 teams are supported with seed fund of 6 lakhs each under NASSCOM Foundation Ciena Spaces Cohot-2.
- For third Cohort MOU is under process.

## 5. Other Achievements:

- **M/S Zoid Technology Pvt. Ltd.** won 3 Crore in iDEX (Defence India Start-ups Challenge) in 2023 and further raised 27.5 Crore from external investors.
- Shubham Prajapati MBA (IEV) student start-up (Innovative Scripts Pvt. Ltd.) selected by the Ministry of Education's Innovation Cell & AICTE, **for grant support of 10 lakhs.**

## F. International Collaborations, MOUs and Student Enrolment

The International Affairs office, Delhi Technological University is entrusted with the works of admission, mediating embassy matters and supporting the mobility of students between DTU and Foreign Higher Educational Institutions (HEIs) along with the execution of Academic foreign collaborations through MoUs. The University, with its commitment to fostering global academic collaborations, establishing functional Memoranda of Understanding (MOUs) with various foreign higher educational institutions. These MOUs are designed to facilitate student and faculty exchange programs, as well as to organize joint seminars, conferences, and research/training programs. Currently, DTU has 585 foreign/NRI/PIO/OCI students from 64 different countries that also covers neighboring countries. The University intends to further strengthen the intake of foreign nationals through various modes of admissions at DTU, especially through DTU direct portal admissions. Delhi Technological University, is promoting international students' admissions from the neighboring and G20 countries also.

### (a) New initiatives taken by the University to enhance International Academic Collaboration

1. Implementation of **Dual, joint, and twinning programmes** with HEIs as per the UGC mandate (Notification-May 2022) with top 1000 global universities.
2. **Admission of foreign nationals** at Delhi Technological University through different mode of admissions for Foreign Nationals/ NRI/ PSO/ OCI students (M1, M2 and M3 Mode).
3. Organizing **Educational Fairs at overseas** highlighting/showcasing the strength of Delhi Technological University.

4. Coordination with *Indian Embassies at overseas* to help Foreign Nationals/ NRI/ PIO/ OCI students in admission, especially through M1, M2 and M3 modes.

**(b) Initiatives in Implementation of Dual, Joint and Twinning Programs as per the UGC Mandate**

DTU is actively engaged in making all efforts to implement joint, dual and twinning programs with Foreign Universities and elite institutions.

**Activities:** Joint publications, Joint research proposals, Faculty, and student exchange, Setting-up centres, starting Dual degree, Joint degree and twinning programmes.

**The following Foreign Universities have shown interest for collaborative work with DTU**

*(i)* Wright State University: Major area of collaboration- Avionics, Air Force Research, Supply Chain Management, Material Science, College of Business- training center for financial system

*(ii)* Bradley University: Engineering and business school; CIVIL and building science

*(iii)* Santa Clara University: Science, Technology, Engineering and Management (STEM)

*(iv)* University of South Florida: Clean Energy, Mechanical Engineering,

*(v)* University of Houston, Texas: Robotics, Software engineering, Computer engineering, Electrical Engineering

*(vi)* Brandeis University, Boston: Business School

*(vii)* University of Texas, Dallas: Electrical Engineering, Electronics, Robotics, Biological Sciences

*(viii)* ESTP, France : Civil Engineering

*(ix)* n+I, France: All branches of Engineering and Science

**(c) MoUs with Foreign Universities (Under process of finalization):**

| S.N. | University/Organization | Year | Status of the MoU |
|------|------------------------|------|-------------------|
| 1 | Shahrood University of Technology, Iran | 2023 | Under Process |
| 2 | Rovuma University, Nampula, Mozambique | 2023 | Under Process |
| 3 | University of Bordeaux, France | 2023 | Under Process |
| 4 | Indian Council for Cultural Relations (ICCR) | 2023 | Under Process |
| 5 | ESTP Paris, France | 2023 | Under Process |
| 6 | Eurecat, Spain | 2023 | Under Process |
| 7 | Klaipeda University, Lithunania. | 2023 | Under Process |
| 8 | Nan Chi Nan University, Taiwan | 2023 | Under Process |
| 9 | Wright state University, USA | 2024 | Under Process |
| 10 | Bradley University | 2024 | Under Process |
| 11 | Santa Clara University | 2024 | Under Process |

## (G) University Outreach and Extension Activities:

The Delhi Technological University (DTU) has embraced five villages under the *"Unnat Bharat Abhiyaan"*, a visionary scheme pioneered by the Ministry of Education, Government of India. These quintessential hamlets, namely *Barwala, Prahladpur, Shahbad Daulatpur, Siraspur, and Bhalaswa Jahangirpuri*, have become focal points for a multitude of academic and social endeavours spearheaded by DTU. Among the myriad activities, a prominent initiative involves enlightening school students through a pioneering **'Lab-on-Wheels' program**.

Expanding its philanthropic reach, DTU has extended its embrace to four additional villages: *Palla, Hamidpur, Shahpur Garhi, and Jafrabad*, under the auspices of the *'Rajyapal-Vikas Ke Rajdoot'* program. These endeavours are specifically tailored to enhance children's education and foster skill development programs for adults.

A cornerstone of these initiatives is the Lab-on-Wheels project, a brainchild of DTU, which orchestrates a plethora of academic and social engagements. This innovative initiative entails mobile

laboratories visiting various government schools within the NCT of Delhi, imparting knowledge in Basic Computer Course (BCC) and Basic Python Program (BPP). Notably, the program has witnessed the successful certification of 292 students across two BCC batches, with 147 certificates awaiting printing for the third batch. Furthermore, the inaugural cohort of BPP students has also been duly awarded certificates.

Under the aegis of the "Lab-on-Wheels" project, a cohort of 16 students from Government Boys Senior Secondary School, *Palla*, embarked on a transformative journey, with 12 students triumphantly completing the Basic Computer Course (BCC).

Presently, the Lab on Wheels initiative is actively engaged at Government Girls Senior Secondary School, *Bhorgarh*, where students are immersed in learning Basic Python Course (BPC). Given the absence of a school in *Shahpur Garhi*, the neighboring area of *Bhorgarh* has been selected as the venue for this transformative endeavor.

Moreover, a second Lab-on-Wheels is poised to commence its educational odyssey, catering to school students in *Aligarh District*, in collaboration with *M/s Paytm Foundation Ltd.*

In tandem with academic pursuits, students enrolled in the FEC-52 program undertook a meaningful venture in the village of *Jafrabad*, in collaboration with the esteemed NGO *M/s Ankur Society for Alternatives in Education*.

Additionally, the Centre for Outreach and Extension activities of DTU orchestrates several flagship initiatives such as the Mega Open House, Exploring Engineering, and Open House schemes for schools, all of which have garnered resounding success. Notably, the Exploring Engineering program in June 2023 witnessed the

shortlisting of 258 students, with 182 successfully completing the rigorous one-week program and receiving well-deserved certificates. Similarly, the Open House event held on November 3, 2023, witnessed enthusiastic participation from over 1800 students.

## (H) Future Road Map

### (i) DTU North Campus at Narela Sub-City Education Hub

With an attempt to transform Delhi into a knowledge hub to provide excellence in cutting-edge research, the government has initiated the development of an educational hub in *Narela* with a vision to bring academia, research and industry partners at the same platform. As a part of the same initiative, the Delhi Technological University has been allotted 47.46 acres of land for its North Campus in the *Narela Educational Hub* for developing a cutting-edge global research and innovation centres. Through this additional campus, the Delhi Technological University aims to expand its academic, research and training facilities for the realization of the strategic plans @2047. The University aims at the development of a research park to encourage entrepreneurial opportunities, development of cutting-edge research facilities, establishment of centres of excellence in emerging areas of research, and a fully equipped state-of-the-art professional teaching and learning centre.

### a. Centre of Excellence in Artificial Intelligence (AI)

Delhi Technological University aims to establish a centre of Excellence on Artificial Intelligence (AI) as a dynamic hub that serves as the nucleus of innovation, research, and education in the ever-evolving field of AI. Its primary mission revolves around the pursuit of excellence in AI, encompassing cutting-edge research, top-tier education, and practical applications. Equipped with high-performance computing systems and specialized labs, the centre is poised to tackle real-world challenges through AI-driven solutions. The focus areas of this centre are such as computer vision, natural language processing, machine learning, and robotics, harnessing

these technologies to drive advancements in healthcare, agriculture, finance, environmental conservation, and more. By fostering interdisciplinary collaboration among faculty, researchers, and industry partners, these centres facilitate the development of AI-driven solutions that have a profound impact on various industries. The centre will play a key role in Government's vision of *Viksit Bhart@ 2047* by developing AI-driven accessible diagnostic tools and telemedicine applications to address healthcare disparities in remote areas, precision farming, crop disease detection, and yield optimization promises to revolutionize agricultural practices, creating AI solutions for efficient traffic management, energy conservation, and waste management, thus, contributing to the creation of smarter and more sustainable cities.

b. **Centre of Excellence in Digital Diagnostics and Healthcare**

Establishing a Digital Diagnostics and Healthcare Centre at Delhi Technological University is a strategic initiative that aligns with the future of healthcare and education. The Centre aims to work on digital diagnostic by focusing on digital imaging, disease monitoring and analysis, radiomics, genomics among others. Such a Centre would serve as a critical junction between technology and medicine, fostering interdisciplinary collaboration and acting as an innovation hub for new diagnostic tools and treatment methods. It would significantly enhance the educational curriculum by integrating cutting-edge healthcare technologies, thereby preparing students for the rapidly evolving medical field. The Centre's focus on advanced diagnostics and personalized medicine would not only improve diagnostic accuracy but also tailor treatments to individual patient needs, a cornerstone of modern healthcare.

c. **Centre of Excellence in Energy Transition**

To achieve the target of achieving net ZERO emissions by 2070 as announced by India at COP 26, energy transition has emerged as one of the most important areas of research for our country. Further,

in an urban city like Delhi with a rapid development pace, energy transition is crucial for climate action. Thus, this Centre at the North Campus of DTU will serve as the hub for all research related to the critical domain of energy transition to clean, sustainable and renewable energy sources. This Centre shall deal with all aspects of environmental science, engineering, economics and policy to address the challenges associated with the energy transition, especially in a growing economy like India and will help in fulfilling the target of net zero emissions by 2070. The Centre shall work in collaboration with other academic and research institutions, along with industry partners, to facilitate the development of cutting-edge research facilities and technologies for reduced greenhouse emissions, improvement of energy efficiency, energy-efficient materials and designs, clean-energy production, energy storage and distribution, low carbon development of electricity, development of efficient transport systems, low emission buildings and other interdisciplinary areas related to energy translation.

d. **Centre of Excellence in Drone and Robotics for Defence, Mine Safety and Disaster Management**

Drone technology is a transformative technology which has potential applications in various sectors such as defence, infrastructure, agriculture, environmental monitoring, etc. However, the capability of drones to aid the defence sector is unparalleled with its applicability ranging from surveillance and reconnaissance, intelligence gathering, target acquisition, target tracking, and many other applications. In today's era, the development of self-sufficient defence technologies is extremely important for our country. In addition, unmanned aerial vehicles are also helpful in ensuring mine safety and have potential applicability for disaster management owing to their monitoring capabilities.

e. **Centre of Community Development and Research**

The Centre of Community Development will be a multidisciplinary research Centre to develop the technologies related to rural and urban community. The Centre will focus on the local problems of the community and their technical solutions to improve the livelihood of both communities. The proposed areas of research relevant to the various sectors shall be centred around drones for pesticide distribution & weed detection, value added food products, drones for detecting cracks in building, management of traffic, surveillance underwater, ground and arial mode, water and wastewater management, cyber security amongst many others. Focusing on the central ideas of accessibility and affordability, the Centre shall also focus on frugal innovation to suggest cost-effective solutions for community problems within the limited resource framework of a developing country like India.

**(ii)** To empower entrepreneurs and the incubation facility, the University aims to establish a research park that will foster a climate of innovation in collaboration with industry for translating intellectual property from laboratory to industry for "product development" where academia, industry, and government agency may interact for propelling applied research and entrepreneurship.

In academic session 2024-25, the University plans to introduce MS by Research program and five-year Integrated B.Sc-M.Sc program in Physics, Mathematics, Chemistry and Biotechnology. Feasibilities of launching inter-disciplinary programme- B.Tech (Data Analytics) are also being explored. The University plans to add various Centres of Excellence in emerging areas such as Artificial Intelligence, Digital Diagnostics and Healthcare, Semiconductors and Microelectronics, Energy Transition, Drone and Robotics for Defence, Mine Safety and Disaster Management. Further, Centre of Community Development and Research will be created. The University plans to offer various undergraduate programmes in emerging areas of societal interest, through different Departments under the School of Integrated Learning. The University is planning to implement Dual, joint and

twinning programmes with HEIs as per the UGC mandate (Notification-May 2022) with top 1000 global universities.

## (I) Viksit Bharat Activities at DTU

*Viksit Bharat@2047* aims at the realization of a multi-faceted developed India in its 100th year of independence. Transcending the conventional definitions of development, *Viksit Bharat* will be the India of fulfilled dreams in all sectors across the nation, i.e., agriculture, education, environment, health, economics, science and technology. Following the function at Raj Niwas on 11/12/2023, Delhi Technological University has taken up activities like invited lectures, interactive sessions, Symposium/ Webinar/ Workshop, Competitions, Visits and Donation Drive. The glimpses of the activities are as under:

1. **Invited Lectures**

- Managing AI products from concepts to market success
- Hybrid Strategies in the Quantum Era: Beyond Classical vs. Post Quantum Technology: Possibilities and Concern
- Opportunities in Higher Education" and "Large Language Models (LLMs) for everyone
- Industry Connect S32 Automotive microcontrollers in association with NXP semiconductors
- Dispelling Myths about EMF Emissions and Mobile Towers
- Role of advanced material characterization techniques towards innovation
- Glimpse into the Art of Financial Consultancy and Assurance
- Capturing Empathy for Deprived Members in The Measurement of Deprivation: Theory and Application in India.
- Role of Advanced Material Characterization Techniques towards Innovation
- Alumni Talk Series on "ROADMAP TO DATA ANALYSICS" and a class activity on social enterprises
- Expert session on "Preparation of Business Proposal and pitchdeck"

- Process of Innovation Development, TRL, Technology Transfer & Commercialization of Lab Technologies
- Music: A Tool of Healing and Communication
- Pathways to *Viksit Bharat @2047*

## 2. Interactive sessions

- ideation and problem solving
- Transformation of a Developing Economy into Developed Economy: Aiming for *Viksit Bharat @2047*
- Cultural Policy Chaupal: Culture for Development – *Viksit Bharat @2047* in association with Indira Gandhi National Centre for the Arts (IGNCA) and CPP&G

## 3. Symposium/ Webinar/ Workshop

- Symposium on Biotechnology for Sustainable Development
- 2nd One Day International E-Symposium on 'WOMEN IN SCIENCE'
- National Webinar on Intellectual Property Rights & its Commercialization.
- International Symposium on Current Trends in Biotechnology under the vision of *Viksit Bharat @2047*
- Workshop on Technical Education in Bhartiya Languages in context of NEP 2020: Application of Anuvadini
- 1st National Conference on Social Responsibility of Educational Institutions in context of NEP 2020 in association with AIU, AICTE and *Unnat Bharat Abhiyan*

## 4. Competitions

- Start-up idea competition
- Photography Competition and Round Table Group Discussion on the theme: Challenges and Ideas towards *Viksit Bharat@2047* - Focus on Local
- Poster Presentation & Logo Design Competition on National Environmental Education Day

- Essay writing and model exhibition, based on the theme "My role as an engineer in *Viksit Bharat @2047 Abhiyan*"
- Code Rush 2024

## 5. Visits
- National gallery of modern art for holistic development and experiencing the rich cultural heritage of India
- Nehru Planetarium on National Science Day

## 6. Donation Drive
- Donation drive (books, notebook, clothing, blanket, stationary items, sports items, toys etc.) - JOY OF GIVING

**Suggestions as made by the Court members:**

1. *The University must explore for fund raising for development of 5G Laboratory, Centre of Excellence for Semiconductor and Microelectronics, Centre of Excellence for Electric Vehicle and Related Technologies, from corporate houses, venture capitalists, government bodies and Alumni.*

2. *To attract more foreign students, specially from European countries, global meeting of all Embassies may be conducted in near future. Study-in-India portal and services of EdCIL may also be explored.*

3. *For funding Ph.D fellowship, it was informed by the Vice Chancellor, DTU that due to funds constrains DTU is not able to give Ph.D fellowship at par with the fellowship applicable to reputed technology institutions under Government of India, resulting many students prefer to join IITs and NITs due to difference in fellowship amount. Therefore, it was requested that the government may allocate funds in GIA for this purpose. It was discussed that the additional funding may be provided on Gap-Funding Model. Hon'ble Lt. Governor suggested that some part of expenditure on this account, may be funded by the government and additional financial support may be provided to DTU for this purpose. It was discussed that a separate proposal may be sent to the*

*government. Further, Secretary, TTE has suggested that DTU may seek support for Ph.D fellowship from Delhi Knowledge Development Foundation, BTE, Pitampura also and may submit separate proposal for the same.*

4. *The Court discussed that the alumni of DTU may be engaged for funding of the start-ups initiated by DTU students. It was informed that some of the alumni expressed their willingness, during last alumni meet, to fund the start-ups.*

5. *It was noted that though DTU is ranked 29th in NIRF Engineering Institution Category 2023, it is better than some of the IITs and other Central Funding Institutions. The Court desired that DTU may target to improve its perception in public and to be ranked in NIRF ranking in top 10.*

6. *While discussing the kind of initiatives taken by DTU under the outreach program, Hon'ble Lt. Governor suggested to target middle age and elderly women group for training in smart mobile phone usage as most of the digital transactions and government schemes are now linked to the personal mobile phones. Further, awareness in mobile security, fake applications, moral issues and online/cyber frauds may also be included as a part of training/awareness to parents and children both. The DTU may work in the areas which are tangible and touching the life of people. DTU may work for improving cleanliness and hygiene in villages, design of low cost technology solutions for waste disposal, plastic disposal, clean energy, clean water and interventions for preserving water bodies in Delhi. To begin with, the DTU may take up some projects in one village. Vice Chancellor informed that DTU will use its students specially NSS and NCC cadets for same. He informed that DTU is already planning to establish Centre for Community Development and Research (CCDR). The CCDR will identify both rural and urban issues, including that of clean water, sanitation, hygiene, urban air pollution, access to clean energy amongst others and provide frugal technological solutions through this*

*Centre. The University's Extension and Outreach vertical will enable making these solutions known to relevant stakeholders. The Centre will create a repository of problems and repository solutions. The identified problems shall be converted into B.Tech/ M.Tech./ Ph.D project depending on the enormity of problem. The findings of the project shall be shared with relevant ministries, ULBs, Panchayat and other stakeholders for implementation. Hon'ble Chancellor advised to explore for following projects by deputing students team in the adopted villages:*

a. *Awareness training for rural youth about technical aspect of solar energy system such as how to calculate roof top and solar requirements.*

b. *Civil, Environment and Electrical Engineering departments may take live projects such as Yamuna cleaning, generation of energy from drain stream falling in Yamuna.*

c. *Use of drones for various administrative requirements including mapping of unauthorized/illegal constructions.*

d. *Technology development for rural SMSE/small industries under Zero defect-Zero effect scheme: student should go for product improvement to make zero defect products, small innovations*

e. *Waste to Energy processes*

f. *Civil, Mechanical and Design Engineering departments may take remodeling of Street Hawkers/vendors- engineering intervention to bring modern and efficient mechanism in vending including aesthetic improvement through technology/space management.*

g. *Energy generation from high velocity water discharge from Najafgarh drain in Yamuna.*

h. *Drone technology for waste management.*

i. *Use of technology in hospital/patient management.*

*Hon'ble Chancellor advised that while identifying issues/problems in villages concerned District Magistrate may also be consulted and send a copy of outcome to the office of Hon'ble Lt. Governor. The Vice*

*Chancellor informed that inclusion of policy recommendations in the last chapter of the Ph.D thesis are already being explored. Hon'ble Lt. Governor directed to form teams of students for studying water drainage and water cleaning systems in Delhi, such teams can be assessed by LG Secretariat. Hon'ble Lt. Governor desired to send the action taken report in two months.*

*Vice chancellor assured to start above initiatives/works as minor/major projects of students.*

*Hon'ble Chancellor advised that for dual degree, joint degree and twinning programs in collaboration with foreign universities/institutions, a separate meeting may be called.*

*Prof. Rajendra B. Kakde informed that AICTE funds project for Rs. 55 Lakhs for hands-on-idea Lab on 3D printing and advised DTU to apply for the same.*

**Resolution:** **The University Court noted the progress of the University and passed resolution as suggested by the Hon'ble Chancellor and all the members.**

**Agenda 6.5:** **To present Annual Report of the University for the Academic Year 2022-23.**

As per section 21(1)(a) of Delhi Technological University Act 2009, the Court has power to consider and pass resolution on the Annual Report of the University. Accordingly, the Annual Report for the year 2022-23 has been prepared.

The Annual Report contains the highlights of activities of the University and achievements made during the Academic Year. It presents the performance of Academic Departments as well as other Supporting Departments, Centres and Offices of the University. In addition to this, the Annual Report also highlights the activities of the various students' societies.

**Highlights of Annual Report 2022-23**

- Delhi Technological University (DTU) was ranked 29th under NIRF Engineering rankings in 2023. While DTU is placed in the bracket of (801- 1000) in Times Higher Education World University Ranking, 2023. The University has been accredited with "A" grade by NAAC. Additionally, 08 programs of under-graduation and 09 programs of post-graduation are NBA Accredited.

- The University through Internal Quality Assurance Cell (IQAC) has initiated many activities for quality improvements such as, ISO 9001:2015 Certification, regular audit of processes as per Standard Operating Procedure (SOP), question paper standardization and audit, feedback collection and analysis, green audit of the campus, ERP & e-governance application.

- During the Academic Year 2022-23, the University enrolled a total of 3260 undergraduate students including 2776 under B.Tech Program (2514 - JAC, 10 - PMSSS scheme, 63 - Lateral Entry, 77 -

Continuing Education Program, 112 - International Students through DASA under PIO/FN/NRI category), 180 in BBA, 182 in B.A.-Economics (Hons.), and 122 in B. Des. Program.

- In total, 1061 students were registered in postgraduate programs, with 234 students in M.Tech., 491 in MBA, 240 in M.Sc., 60 in M.A. (Economics) and 36 in M.Des. Additionally, 123 new Ph.D. scholars joined the research community at DTU. This year, DTU welcomed a total of 4444 new students, significantly augmenting the campus's student body, which now stands at a robust strength of total 15,517 students.

- In total 3620 students were awarded degrees in this Academic Year 2023, of which 2649 degrees were awarded to undergraduate students, 824 degrees to post graduates and 147 were doctoral degrees.

- During the Academic Year 2022-23, over 330 recruiters were actively engaged in campus placements, extending a total of 2088 job offers to students. The highest salary package recorded was ₹ 82.05 LPA, with an average package of ₹ 16.69 LPA. Additionally, several students secured internship and field training opportunities, with the highest stipend reaching ₹ 2 Lakh per month.

- The Industrial Research and Development Cell conducted the 6th Research Excellence Award Ceremony in the University along with the 1st Citation Award on 6th April, 2023. A total of 385 research papers were recognized for awards in different categories, with the total award money amounting to ₹1.52 Cr. The University encourages its faculty members to undertake scientific and technical research/ collaboration and consultancy work from outside funding agencies. Consequently, 64 consultancy projects were undertaken, resulting in an outlay of ₹ 927,04,195/-.

- DTU has received ₹ 2 Cr. award money from M/s. Paytm (Foundation) for its *"Lab on Wheel"* project and creation of training and testing facilities in the field of Electric Vehicle under **Centre of Excellence for EVRT**. This initiative involves a Specially Designed Bus equipped with around 17 computers, two large TVs, a 3D printer, air conditioning units, cameras, and a shared printer. The bus travels to different schools under the Government of NCT of Delhi, offering basic computer education through DTU's certification-based computer courses.

- During the Academic Year 2022-23, the esteemed alumni of DTU generously established five distinct scholarships, collectively amounting to a commendable sum of 32 lakh rupees. These scholarships serve as a testament to the enduring bond between the alumni community and the institution, providing crucial financial support to deserving students pursuing their academic endeavors at DTU. Furthermore, the philanthropic contributions of these distinguished alumni extended beyond scholarships, encompassing donations in various capacities towards the establishment of research centres, support for ongoing research activities and infrastructural enhancements across the campus.

- Currently, DTU Innovation and Incubation Foundation (DTU-IIF) is incubating 25 start-ups with an additional 20 start-ups in the pre-incubation phase, indicating a robust entrepreneurial ecosystem on campus. 12 start-ups are in the revenue stage and have earned a revenue of ₹ 15 Cr. in FY 2022-23. DTU-IIF start-ups raised ₹ 25 Cr. from external investors. Two teams of DTU won ₹ 1.5 Cr. in iDEX (Defence India Start-up Challenge) in 2022. Mr. Jatin of JXR Technology Pvt Ltd. was selected for a Fully Funded Fellowship by the International Sustainability Academy, Germany. Shubham Prajapati MBA (IEV) student start-up (Innovative Scripts Pvt. Ltd.) selected by the Ministry of Education's Innovation Cell & AICTE, for grant support of ₹ 10 Lakhs. DTU-IIF start-up Cattle Guru won a prize of ₹ 2 Lakhs at IIT, Kharagpur in the Global Business Model

competition. Incubatee Sankalp Suman founder of Offset Go company, received the title of National Youth Icon at the parliament of India on account of coming first in the National Youth Environmental Parliament. With over 200 Universities participating it was an honour to win this laurel for the University.

- The Entrepreneurship Cell at Delhi Technological University hosted its annual *'E-Summit'*, generously sponsored by Havells, Bosch, Paxful and Hell Energy, spanning from the 14th to 15th, December 2022. This event served as a platform for budding start-ups to connect with experienced professionals in the entrepreneurial sphere, offering invaluable advice and mentorship to guide them on their business journey.

- A three-days orientation program, **Aarambh' 22** was held by the cultural committee from 16th to 18th December, 2022, aimed to introduce new students to the University campus and its various amenities. Additionally, the technical committee effectively coordinated **Techweek' 23** from 16th to 20th January, 2023. Furthermore, the cultural committee hosted the annual festival, **Engifest' 23** from 17th to 19th February, 2023 and **Yuvaan Literature and Film Festival** from 10th – 12th February, 2023.

- The University has committed to build the world class infrastructure facilities for fulfilling the futuristic demand of the students, faculties & staff. It has completed the construction of Academic Blocks; 3 & 4 (Central AC) with B+G+8 floors. This Project has got 3-star Griha rating. Solar panels have also been installed on the roof top. The University has also completed Raj Soin Hall: Multipurpose Hall with total seating capacity of 3300 persons with financial support from distinguished aluminous Sh. Raj Soin.

- DTU has set up the Centre for Outreach and Extension Activities and the Centre for Human Resource Development, aligning with its

vision to spearhead numerous initiatives focusing on social entrepreneurship. These endeavors encompass a diverse array of activities, such as promoting digital literacy, organizing e-waste collection drives, installing water filtration units, conducting health camps, facilitating blood donation initiatives, raising awareness about organ donation, organizing clothing donation campaigns, addressing issues related to depression and thalassemia, hosting training workshops for acid attack survivors, empowering women through skill development programs, and advocating for cleanliness.

- DTU is having a University Health Centre managed by well experienced doctors and extending 24 X 7 medical services to the students. The University Health Centre has specialized medical practitioners for ENT, eyes, dental care, psychiatrist, sports medicine cum physiotherapist and other paramedical staff for expert advice and treatment. University is also having tie up with nearby leading hospitals in emergency.

Copy of the Annual Report, 2022-23 of the University is placed before the University Court for kind perusal of Hon'ble members.

*The Court resolved following points:*
1. *Through Faculty Development Program, the University may promote their repute and expertise among neighboring institutions in Delhi and for success of faculty development programs, faculty from neighboring institutions may be invited to attend.*
2. *Low female representation in professional programs in the University is a serious challenge. For attracting female students, DTU may explore to start open house for girl students from schools and scheme for girl students, if any.*
3. *Efforts may be made to improve NAAC ranking.*

**Resolution : The University Court considered and passed the Annual Report of the Delhi Technological University for the Academic Year 2022-23.**

**Agenda 6.6 : To present the Audited Annual Statement of Accounts of the University for the year 2022-23.**

As per section 21(1)(a) of Delhi Technological University Act 2009, the Court has to consider and pass resolution on Audited Annual Statement of Accounts of the University for the year 2022-23. The Audited Annual Statement of Accounts for the year 2022-23 were prepared and subsequently approved in the 30th meeting of the Finance Committee held on 06.12.2023 and Board of Management has also approved the same in its 49th meeting held on 06.12.2023.

The Audited Utilization Certificate of Grant in Aid in the prescribed Performa 12C for the period from 01.04.2022 to 31.03.2023 is submitted as under:

| S.No. | DETAILS | AMOUNT (IN RS.) |
|-------|---------|-----------------|
| 01 | Un-spent amount of the FY 2021-22 (Opening balance for FY 2022-23) | NIL |
| 02 | GIA 1st instalment released | 14,00,00,000 |
| 03 | GIA 2nd instalment released | 14,00,00,000 |
| 04 | GIA 3rd instalment released | 28,00,00,000 |
|  | **Total** | **56,00,00,000** |
| 05 | Expenditure during the period 01.04.2022 to 31.03.2023 | **56,00,00,000** |
|  | **SALARY-        30,00,00,000** |  |
|  | **GENERAL-     11,00,00,000** |  |
|  | **CAPITAL-      15,00,00,000** |  |
|  | **Un-spent amount of the FY 2022-23** | **NIL** |

Further, Audited Annual Statement of Accounts containing Audited Utilization Certificate of funds, Statement of Receipt & Payment Account, Audited Income & Expenditure Account and Balance Sheet for the Financial Year 2022-23 was placed as Annexure-II in the agenda note.

**Resolution : The University Court considered and passed the Audited Annual Statement of Accounts of the University for the Financial Year 2022-23.**

**Agenda 6.7 :** **Submission of status of Audit Report of the University by the Comptroller & Auditor General of India for the year 2022-23.**

As per Section 21(1)(a) of Delhi Technological University Act 2009, the Court has to consider and pass resolution on Auditor's Report of the University.

It was submitted to the University Court that the AGCR is yet to send Audit Team for annual audit of accounts for the financial year 2022-23. However, it was mentioned that office of the Accountant General is conducting the performance audit of Delhi Technological University for the years 2018-19 to 2022-23. The Entrustment of Audit has already been conducted till 2020-21.

The Audit Report of the University shall be presented in the next Court Meeting after completion of Financial/Entrustment Audit by AGCR.

**Resolution:** **The University Court considered and advised to place the Annual Audit Report of the University by the Comptroller & Auditor General of India for the year 2022-23 before the University Court in its next meeting.**

**Agenda 6.8:   Any other item with the permission of the Chair.**

Hon'ble Chancellor has advised that DTU has capacity, strength and quality manpower, and therefore, it should create niche for itself and set benchmarks for other technical institutions including IITs. DTU has quality students and faculty, who are equipped with new technology and supported with state of the art infrastructure and DTU should target to improve its NIRF ranking among top 10 Engineering Institutions of the Country.   For satisfaction of staff and faculty members, DTU should evolve ways for timely promotion of teaching and non-teaching staff and process of promotions/ DPC should be expedited.

**Concluding remarks by the Hon'ble Chancellor-**

Hon'ble Chancellor advised for expediting hand over of land and flats allotted to DTU in Narela for establishing a new campus and also hostel facilities for students. He assured to take up matter with DDA for creation of sports, gym, library facilities in nearby ~~arears~~ areas for early operation of students' hostel facilities. However, the DTU was advised to submit a detailed plan for creation of facilities to office of LG for sending to DDA in this regard. It is also advised to place CAG Performance Audit Report before the Court in its next meeting.

Sports are integral activities of student life in University campus. Playing sports and games help students to improve their physical and mental health and reduce stress and anxiety in daily life.  Therefore, DTU should focus on sports and extra-curricular activities in campus.

**The meeting ended with vote of thanks to the Chair.**

**(Prof. Madhusudan Singh)**
**Registrar**