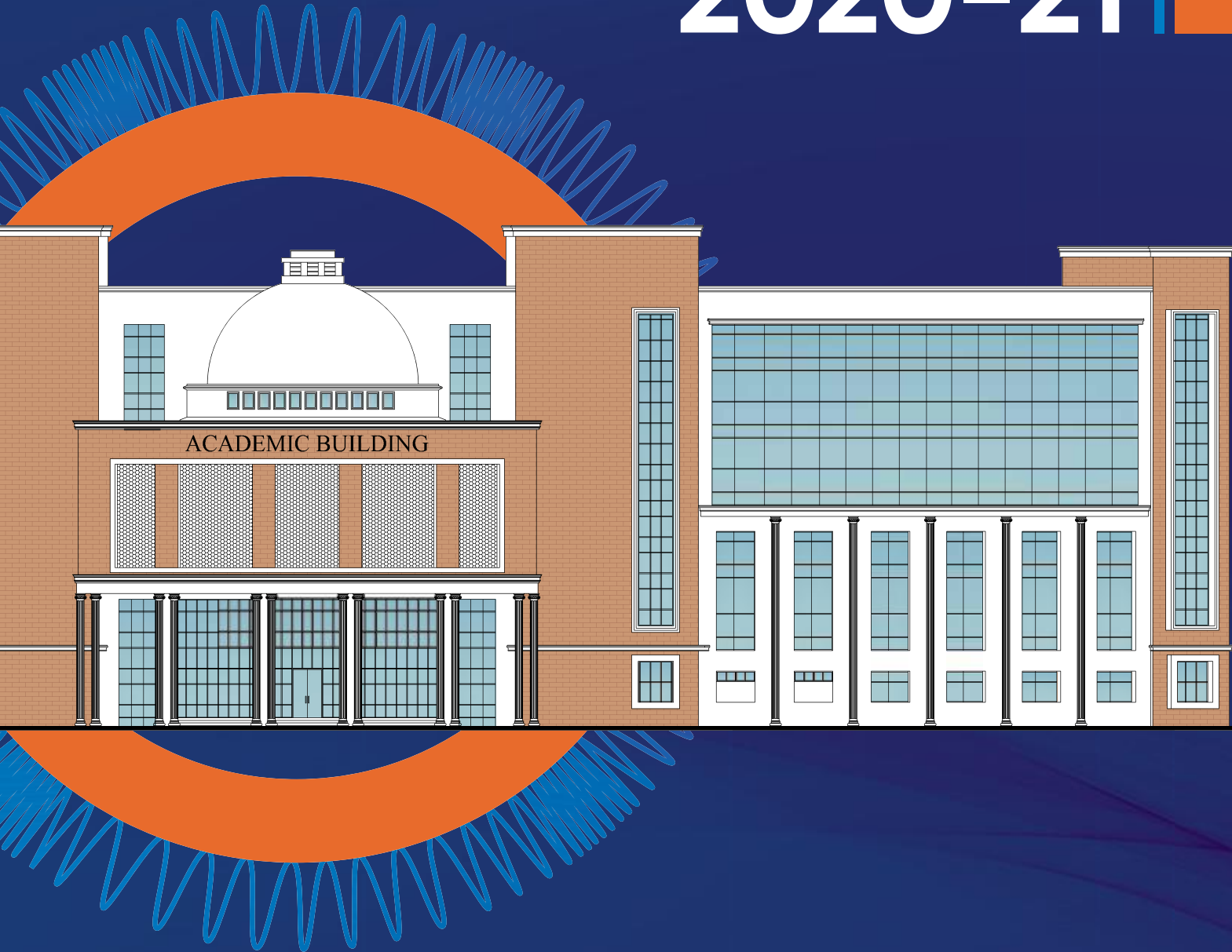


Annual Report 2020-21



भारतीय सूचना प्रौद्योगिकी संस्थान, रांची
Indian Institute of Information Technology, Ranchi

Science & Technology Campus, Namkum, Ranchi - 834010, Jharkhand

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Director's Message

The first major event during Academic Year 2020-21, was the constitution of Board of Governors (BoG), IIIT Ranchi by Ministry of Education (MoE) notified by letter no. F.No.74-4/2016.TS.1 dated September 21, 2020. Hon'ble Visitor on recommendation of Government of India, nominated Shri Arun Jain, Chairman cum Managing Director, Intellect Design Arena Ltd. as the first Chairperson, BoG, IIIT Ranchi. As the events folded, he was instrumental in various important decisions for IIIT Ranchi. Foremost issue was to adopt a 'Theme of Excellence' towards which the Institute will endeavour in the next coming years. It was decided to have 'D3 – Data Science, Digitization Technology and Design Thinking' to be the theme on which the Institute will focus to achieve excellence in coming decades. In the pandemic lockdown, major challenges were health of employees residing in the campus, maintaining the academic standards, pushing research activities and keeping high spirit of all involved. The Institute dealt well with all the challenges and threat that cropped up during this period. The advantages of online platforms and residential campus were taken and activities at an optimum pace were maintained.

In the interim campus at Jharkhand University of Technology, Namkum, Ranchi, Institute was able to procure furniture worth of Rs 1.93 crores through CPWD. All the available classrooms, smart classroom, laboratories, computer workstation and library were furnished. Furniture in Hostel rooms and canteen was provided. Sports activity facilities were also created. To strengthen the computation facility, Computer Programming Lab with 125 computers and Advance Computing Lab with 10 workstations were established. Seven Electronics labs were made functional. Anticipating

increase in students and further expansion negotiations were completed with BSNL, MECON and JUPMI to provide hostel and academic facilities.

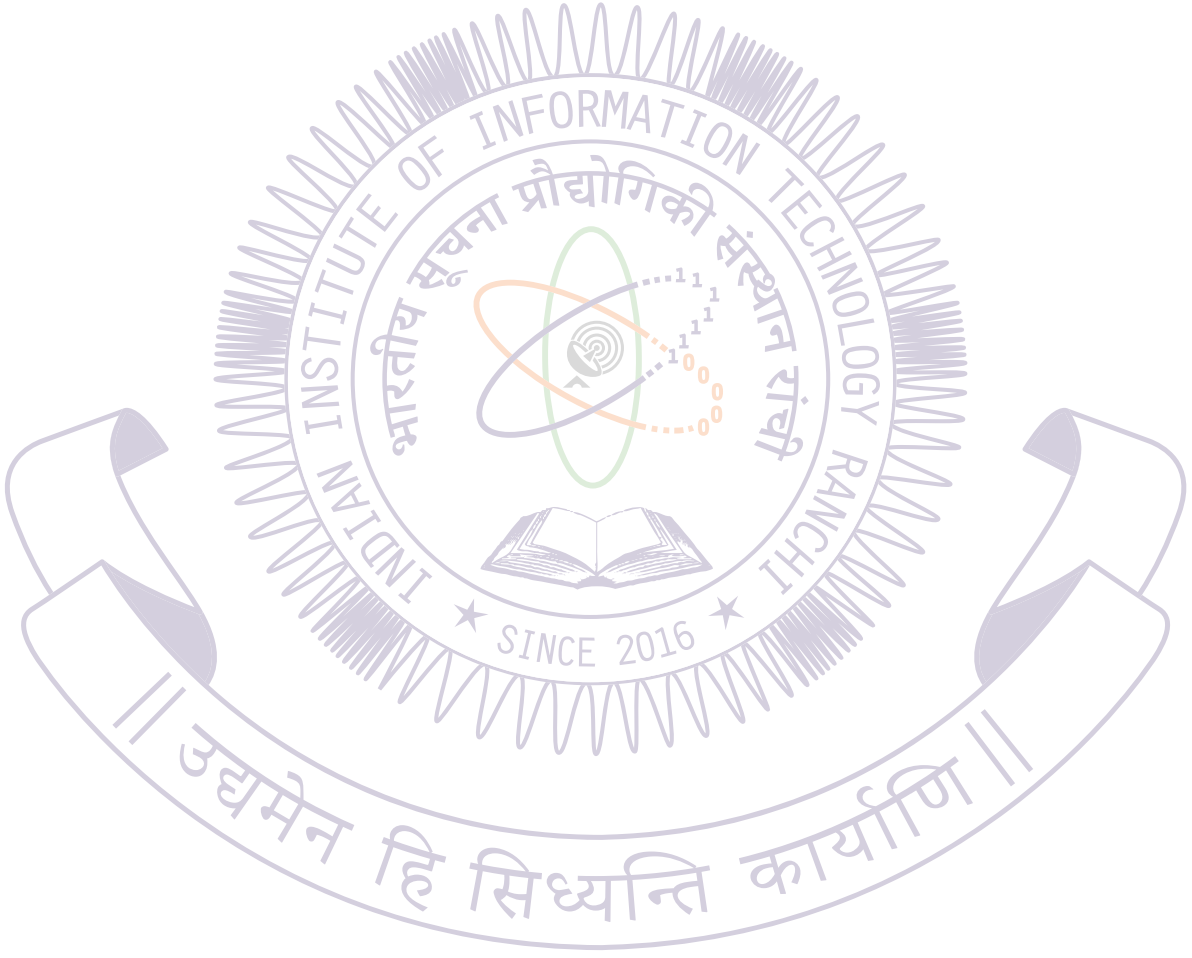
In the upcoming permanent campus, most of the land disputes were solved and about 20% of 'Boundary Wall' was completed by CPWD. Regular talks were held with District Commissioner, SDO, Land Acquisition authorities, Circle Officer, Mukhiyas and representatives of adjacent villages.

Due to COVID 19 lockdown, selections of faculty and staff against regular post were deferred. To sustain the academic activities seven temporary faculties were appointed and services of three guest faculties were taken. New syllabus for B Tech / B Tech (Hons.) were passed by Senate and BoG for upcoming batch. M.Tech rules were formalized and two M.Tech Programs were launched.

The most commendable part was the research activities sustained during this period by faculty and their research scholars. About 25 research papers published and 2 patents were filed during this period. A 'Faculty Development Program' in Photonics under ATAL initiative of AICTE/MoE was conducted in which resource persons of the status of Prof. A. K. Ghatak (formerly at IIT Delhi), Prof. B. P. Pal (formerly at IIT Delhi), Prof. B. M. A. Rahman (City University, London), Prof. Alan Mickelson (Colorado University, Boulder), and Shri Shailesh K Singh (Principal Secretary, Govt. of Jharkhand). The program was inaugurated by respected Chairperson, Shri Arun Jain.

(Vishnu Priye)

Director, IIIT Ranchi





1. Brief overview

1.1. Brief information of the Institute

Indian Institute of Information Technology Ranchi is an autonomous institute under The (PPP) ACT 2017, setup by the MHRD, Government of India, and Government of Jharkhand along with the industry partners TTL, TCS and CCL on a Public Private Partnership.

The IIIT Ranchi is funded by Government of India (50%), Government of Jharkhand (35%) and Industry Partners (15%). The IIIT Ranchi is expected to meet operating expenses from tuition fees, grants, sponsorships and donations. Additionally, the Government of Jharkhand has lent support to the institute by granting land for setting up the Campus at Ranchi, Jharkhand. IIIT Ranchi is autonomous, not-for-profit, self-sustaining, teaching and research-led education Institution.

The institute is managed by professionals from the area of academics and research, under the guidance of a Board of Governors of the Institute that has representatives of participating Industry partners, eminent academicians & researchers and representatives from Government. IIIT Ranchi will focus on applied research and education in IT and in selected domain areas. IIIT Ranchi will contribute significantly to the global competitiveness of key sectors of the Indian economy and industry.

IIIT Ranchi is committed to academic excellence and good governance.

1.2. Vision and Mission

Vision

To be an acclaimed premier institution of higher technical education devoted to Information Technology (IT) and develop skilled and industry ready manpower in IT and related areas. The technical expertise developed will also incorporate social commitment to support intellectual leaders and innovators of tomorrow in the realms of technology.

Mission

- » To educate and train manpower in Information Technology and related application areas at graduate, postgraduate and research levels.
- » To nurture creation of new and relevant expertise in IT areas to transfer them to industry for effective utilization.
- » To conduct Professional Development Programs for practicing engineers and managers in IT industries.



- » To organize programmes for faculty growth and development.
- » To establish strong collaborations with private and public- sector industries and government user departments.
- » To strongly interact with premier academic and research institutions within the country and abroad for mutual benefit.
- » To be in consonance with National Plans in information technology.
- » To closely interact with community/society especially local tribal community/society with a view to development of skills that will make them self-reliant.

2. Administration

2.1. Board of Governing

Name & Designation	Serving as
Dr. Rakesh Sarwal Additional Secretary, Dept. of Higher Education Ministry of Human Resource Development New Delhi (From April, 2020 to October, 2020)	Chairperson
Shri Arun Jain Chairman & Managing Director Intellect Design Arena Ltd, Chennai (From October, 2020 to March, 2021)	
Shri. Rakesh Ranjan AS (TE), Ministry of Education New Delhi	Member
Shri. Arun Kumar Director (Technical Education) HTE & Skill Development Govt. of Jharkhand	Member
Shri. Anupal Banerjee Director (IIIT/IIITs) MHRD, New Delhi	Member
Dr. K. Kesavasamy Head, Academic Interface Programme Tata Consultancy Services Thiruvanthapuram, Kerala	Member
Prof Vishnu Priye Director, IIIT Ranchi	Member
Dr. Satya Mandal Registrar, IIIT Ranchi	Secretary



2.2. The Senate

Name & Designation	Serving as
Prof. Vishnu Priye Director, IIIT Ranchi	Chairperson
Prof. P.P. Chattopadhyay Director NIFFT Ranchi	Member
Prof. D.K. Singh Director, BIT Sindri	Member
Prof. Gopal Pathak	Member
Dr. Jitendra Kumar Mishra Assistant Professor & Faculty- In-charge, Research & Infrastructure, IIIT Ranchi	Member
Dr. Shashi Kant Sharma Assistant Professor & Faculty In-charge, Academic & Faculty Affairs, IIIT Ranchi	Member
Dr. Santosh Kumar Mahto Assistant Professor & Faculty In-charge, TPO, IIIT Ranchi	Member
Dr. Jaydeep Pati Assistant Professor & Nodal Officer, Admission IIIT Ranchi	Member
Dr. Dhananjay Bhakta Assistant Professor & faculty In-charge, Website IIIT Ranchi	Member
Dr. Satya Mandal Registrar IIIT Ranchi	Secretary

2.3. Finance committee (website)

Name & Designation	Serving as
Dr. Rakesh Sarwal Additional Secretary, Dept. of Higher Education Ministry of Human Resource Development New Delhi (From April, 2020 to October, 2020)	Chairperson
Shri Arun Jain Chairman & Managing Director Intellect Design Arena Ltd, Chennai (From October, 2020 to March, 2021)	
Prof. Vishnu Priye Director, IIIT Ranchi	Member
Shri. Anil Kumar Director (Finance), MHRD	Member
Shri. Prashant Agarwal Director (IITs & IIITs) Ministry of Human Resource Development	Member
Shri. Gopal Ji Under Secretary Planning-Cum-Finance Department (Finance Department) Govt. of Jharkhand	Member
Shri. A.K Goswami GM(F) CA & T, CCL, Ranchi Central Coalfields Ltd.	Member
Dr. Satya Mandal Registrar IIIT Ranchi	Secretary

2.4. Building & Works Committee

Name & Designation	Serving as
Prof. Vishnu Priye Director, IIIT Ranchi	Chairman
Prof. AKL Srivastava Dean (Planning & Development) NIT Jamshedpur	Member
Dr. Arun Kumar Director (Technical Education) HTE & Skill development, Govt. of Jharkhand	Member



Shri A. C. Moharana GM (Civil), CCL Ranchi	Member
Dr. Jitendra Kumar Mishra Assistant Professor & Faculty In-Charge, Research & Infrastructure IIIT Ranchi	Member
Dr. Shashi Kant Sharma Assistant Professor & Faculty In-charge, Academic & Faculty Affairs, IIIT Ranchi	Member
Mr. Jayakant Kumar Jha SGM I/c (Civil & Architecture) MECON limited Government of India Enterprises Doranda, Ranchi	Member

3. ACADEMICS

Imparting quality education to develop next generation professional scholar, fit for globally competitive environment, IIIT Ranchi offers UG, PG and PhD programme related to ECE and CSE brunch along with specialization in different emerging field to serve the societal needs of the State of Jharkhand, India and ultimately, the world.

In the Academic year 2020-21, IIIT Ranchi offered how many UG PG and PhD programs. The details of Programs offered by IIIT Ranchi are given below:

S. No.	Courses offered	No. of Courses in 2020-21
1.	4-Year B.Tech.	02
2.	2-Year M.Tech.	02
3.	Ph. D.	In CSE & ECE
Total		06

3.1. Undergraduate Programmes

The Institute offers 4-years B. Tech. (Honours) in Computer Science & Engineering and Electronics and Communication Engineering. The student strength of various programmes during the Academic year 2020-21 is presented in the subsequent sections.

S. No.	Academic Programs offered	Intake			
		2017-18	2018-19	2019-20	2020-21
1.	4-Year B.Tech./B.Tech (Hons.) ECE	60	60	65	75
2.	4-Year B.Tech/B.Tech (Hons.) CSE	60	60	66	75



Admission Procedure

Depending on the number of seats allocated by the Joint Seat Allocation Authority (JoSAA) from the list of candidates selected by all India JEE (Main), admission procedure is conducted for the first semester of all undergraduate courses. Seats are filled up on the basis of the All-India Quota of Joint Seat Allocation Authority (JoSAA).

Academic Calendar

The academic session comprises of two semesters, an Autumn/Odd Semester (July-December), and an Spring/Even Semester (January-June). The Academic Calendar approved by the Senate consists of schedule of activities for a session including dates of registration, mid-semester and end-semester examinations, inter-semester breaks.

3.2. Approved M. Tech. Programs (2-Years)

A two- year M. Tech programmes in the following branches of Engineering and Technology is offered during the period

M. Tech (Under Computer Science & Engineering Department)

» Artificial Intelligence and Data Science

M. Tech (Under Electronics & Communication Engineering Department)

» Embedded System and Internet of Things (IOT)

Admission Procedure

The M. Tech. admission will be through online/offline counselling based on the GATE score and/or written test and/or interview by the respective departments at IIIT Ranchi.

Programme Structure

The first two semesters for M.Tech comprises of theory and practical (laboratory) subjects. The 3rd and 4th semesters have project work. The curricula essentially comprises of project works and seminars. There are various other essential activities which the students must fulfill such as class test, submission of assignments, viva-voce tutorials etc.

3.3. Approved Ph.D. Programs

Ph.D. Programs, both Part Time and Full Time in Computer Science & Engineering.

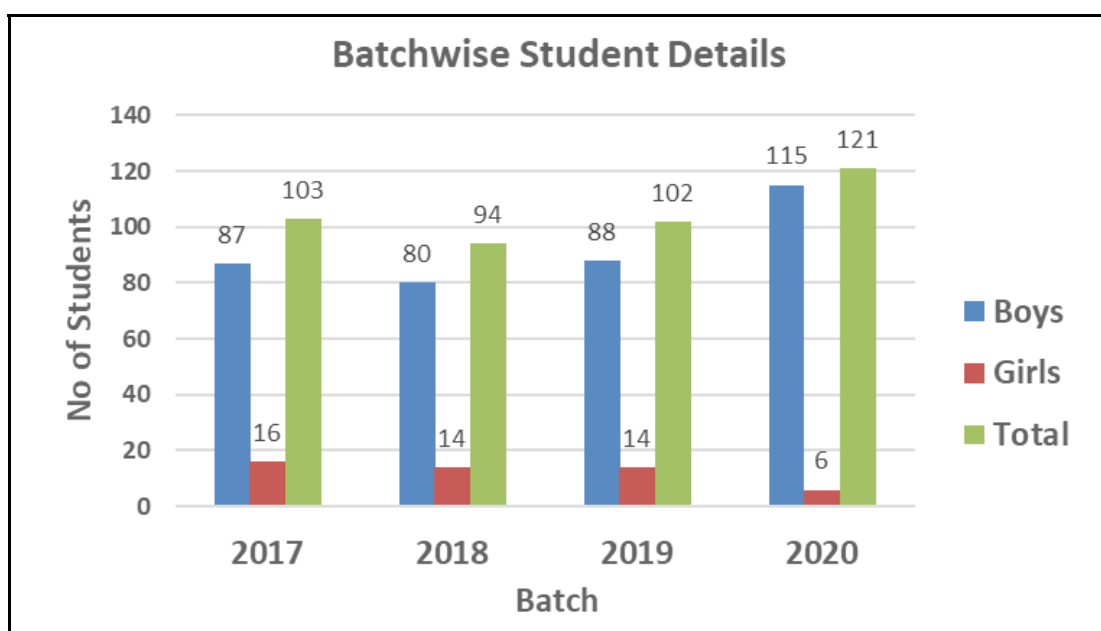
» Ph.D. Programs, both Part Time and Full Time in Electronics & Communication Engineering.

- » Six Part Time Ph.D. programs under Visvesvaraya PhD Scheme for Electronics & IT.

3.4. B. Tech Enrolment

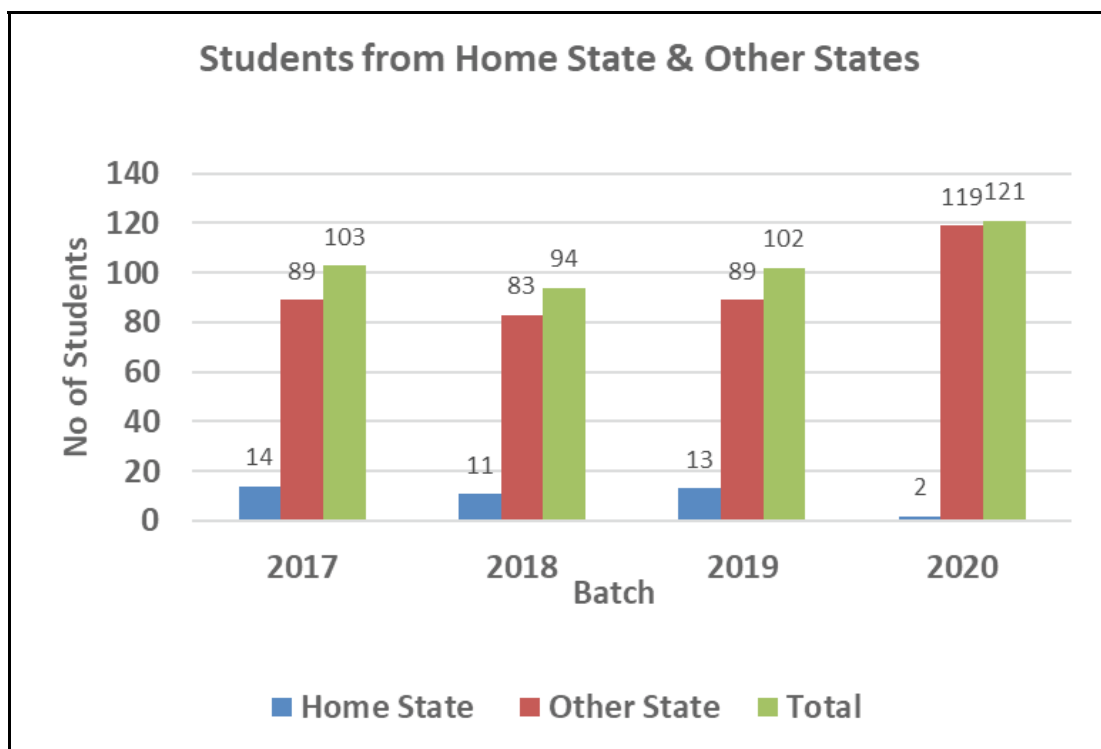
The B.Tech student strength in 2020-21 has gone up to 420. The student strength over last 4 years is given here:

Batch	Boys	Girls	Total
2017	87	16	103
2018	80	14	94
2019	88	14	102
2020	115	6	121



The domicile of admitted students are predominantly distributed nationally in all three academic years as shown in the Chart below.

Batch	Home State	Other State	Total
2017	14	89	103
2018	11	83	94
2019	13	89	102
2020	02	119	121



3.5. M.Tech Enrolment

The M.Tech student strength in academic year 2020-21 is 9.

Total Student Strength in M.Tech Programme							
S.No.	Discipline	Batch	2020	2019	2018	2017	Total
1.	M.Tech in Computer Science & Engineering with Specialization Data Science & Artificial Intelligence		8	NA	NA	NA	8
2.	Electronics & Communication Engineering with Specialization Embedded System & IoT		1	NA	NA	NA	1
		Total	9	NA	NA	NA	9
Gen			5	NA	NA	NA	5
EWS			1	NA	NA	NA	1

OBC	3	NA	NA	NA	3
SC	Nil	NA	NA	NA	Nil
ST	Nil	NA	NA	NA	Nil
PwD	Nil	NA	NA	NA	Nil
Male	1	NA	NA	NA	1
Female	8	NA	NA	NA	8

3.6. Ph.D. Enrolment

The PhD student strength in 2020-21 has gone up to 18. The student strength over last 4 years is given here:

Total Student Strength in Ph.D Programme							
S. No.	Discipline	Batch	2020	2019	2018	2017	Total
1.	Computer Science & Engineering		3	3	NA	NA	6
2.	Electronics & Communication Engineering		7	5	NA	NA	12
		Total	10	8	NA	NA	18
Gen			8	4	NA	NA	12
EWS			0	1	NA	NA	1
OBC			2	3	NA	NA	5
SC			0	0	NA	NA	0
ST			0	0	NA	NA	0
PwD			0	0	NA	NA	0
Male			8	7	NA	NA	15
Female			2	1	NA	NA	3

4. RESEARCH AND DEVELOPMENT

4.1. Research Cells Developed

- **Machine Learning and Artificial Intelligence:**

The research cell encompasses a broad range of themes covering several aspects of futuristic technology such as emerging technologies based on Deep Learning, Machine Learning, Data Mining and its applications as well as Artificial Intelligence and various algorithms with Artificial Neural Networks and Natural Language Processing etc. using Python and its various libraries, Pandas, Matplotlib, Scikit, PyTorch, TensorFlow etc. which are agnostically based on end-user requirements. In addition, the research cell also focuses on different modes of learning and their applications in Information and Communication Technology.

- **Sensors & IoT:**

The Sensors & IoT research cell aims to nurture research culture in faculties and students by encouraging research in newly emerging and challenging areas of smart sensors, Internet of Things (IoT), energy management, communication systems, distributed sensor devices, advanced user interfaces and smart cities. The cell intends to develop an ecosystem that will lead to the creation of smart spaces and self-aware interconnected “things” for health, mobility, digital society, food, energy, and environmental applications. The cell also aims to enhance the general research capability of budding technocrats by the way of participating in conferences, seminars, workshops and national/international competitions.

- **Data Science and Bioinformatics**

Data Science Research Cell is to help Students and working professionals develop frameworks and acquire skills to take up roles in data science. Research Domains are Handling and Management of Database, Data Science Application in Different Domains, Biological Data Analysis, Software Data Analytics, Digital Humanities, Design Thinking Based Product Development.

- **VLSI and Embedded System:**

The research cell encompasses a broad range of themes covering several aspects of futuristic technology such as emerging technologies based on Micro and Nano-electro mechanical devices, sensors, fabrication of MEMS, sensors, supercapacitors, characterization and its system applications as



well as Embedded system design from both software and hardware perspective employing Arduino, Raspberry Pi, sensors and actuators etc. which are agnostically based on end user requirements. In addition, research cell also focusses on FPGA implementations, VLSI circuit Design suite, Neuromorphic computing, 3D printing technology.

■ **Advance Communication System**

The mission of the Advanced Wireless Communication system research cell is to pursue the research and development of advanced technology that will meet societal demands for new wireless communication functions and to train highly skilled researchers capable of making contributions at a global level.

4.2. Laboratories Developed

■ **Analog Communication Lab and Digital Communication Lab**

Analog Communications lab is completely developed which is equipped with all the required hardwares and softwares. This lab provides the information about the different types of modulators and demodulators used and types of techniques used for the processing of the analog (continuous) signals. The purpose of digital communication lab is to explore digital communications with a software radio to understand how each component works together. The lab will cover, analog to digital conversion, modulation, pulse shaping, and noise analysis. Following high-end equipments are procured in this financial year for different experiments.

1. Mixed Signal Oscilloscope
2. Arbitrary Function Generator
3. Spectrum Analyzer
4. DC Power Supply
5. Digital Multimeter
6. Soldering/Desoldering Station
7. Software Defined Radio
8. In-Circuit Functional Tester Trainer System

■ **Electronic Devices and Circuits Lab/Digital Electronics Lab/Analog Electronics Lab**

Electronic Devices and Circuits/Digital Electronics/Analog Electronics Labs are equipped with the latest state of the art equipment to support knowledge dissemination in the classroom and provide hands-on practical experience

to students. The labs are fully equipped with high end equipment and aims to develop the fundamentals related to electronic devices, analog and digital circuits to ensure that student get the fundamental knowledge. The lab consists of following lab equipment:

S.No.	Name of Items	Quantity
1.	Digital Storage Oscilloscope	20
2.	Function Generator	20
3.	DC Power Supply	20
4.	Hand Held Digital Multimeter	20
5.	Universal IC Tester	02
6.	Digital Circuit Development Board	15
7.	Analog Circuit Development Board	15
8.	Soldering / De soldering Station	02

■ **Microprocessor, Microcontroller, Embedded System and IoT Sensor and Actuator Lab**

Experimental Equipment/ Kits for Microprocessor, Microcontroller, Embedded System and IoT Sensor and Actuator Lab for proper functioning of the Microprocessor and Embedded System related Lab of B.Tech and M.Tech curriculum for both ECE and CSE department.

S. No.	Name of The Instrument or facility	Qty
1	8085 Microprocessor Training Kit and Module Stepper Motor, PC Keyboard, Traffic Control Module, Elevator control	15
2	8051 Microcontroller kits and Training Module Display, I/O Interface, PC Interface, Motor Drive, ADC/ DAC, Wireless	10
3	PIC Microcontroller Development board	10
4	AVR Development board	10
5	Modular Embedded Development Platform with ARM7	10
6	Arduino Board	10

7	Raspberry Pi4 Board	10
8	Internet of Things Explorer Development Board	5
9	IoT Sensors and actuator package	5
10	Cloud subscription	1



4.3. R&D Facilities extended to the Faculty members

Facilities are extended to faculty members of IIIT Ranchi as per IIIT – (PPP) Act -2017 and Statutes as well as decisions of the BOG of the Institute/relevant orders from MHRD, New Delhi.

Supports provided for Professional Advancement of Faculty:

- » An initiation/start-up grant under **“Faculty Research Scheme”** of upto Rs. 5 lakhs are available to the new faculty member on joining, to be used for initial research set up. Possibility of higher start-up grant, based on a proposal for carrying out research project of 3 years duration on selection basis.

- » **A Cumulative Professional Development Allowance (CPDA)** of Rs. 3 lakhs for every block period of 3 years (Rupees one lakh per year) is made available to every member of the faculty to meet the expenses for participation in national and international conferences, payment of membership fee of professional bodies and contingent expenses.
- » **Research and Development** activities are encouraged in all the Departments. As an Institute currently being set up, faculty members joining the Institute will have the all-important task of **acquiring modern and contemporary equipment and services for their research work and laboratory**. Good facilities also exist for computing.
- » The Institute **encourages interaction of the faculty with industry, other research and professional institutions**. Consultancy is encouraged and liberal consultancy policies are in practice.

4.4. Sponsored R&D Projects

Professor Vishnu Priye is the Principal Investigator of the R & D Project No. SERB/F/8784/2016-17 of Department of Science Technology on “Optical Sensor Based traffic Weighbridge”. The amount of project is Rs 42, 39, 049/- (Forty two lakhs, thirty nine thousand and forty nine only).

4.5. Patent filed:

1. **J. Pati**, K. K. Shukla, “A Device For Modelling Software Clone Evolution Across Different Versions And Method Thereof”, 201811016656, Application No. 201811016656 A Date of filing of Application 02/05/2018 (43) Publication Date: 08/11/2019 INDIA
2. Partha Bhattacharyya, **Debanjan Acharyya**, “A process for fabrication of hybrid junction of reduced graphene oxide nanoribbon and TiO₂ nanotube array (TNTA) based gas sensor system”, Indian Patent application no. 201631015735 (Filed on 05.05.2016).

4.6. Research Publications:

4.6.1. International Journals:

1. Kumar, S., Kumar, S., & **Pati, J.** (2021). Main supervisor Kumar, S., Kumar, S., & Pati, J. (2021). A review on transliterated text retrieval for Indian languages, ICCI 2021, Indian Institute of Information Technology Pune, Algorithms for Intelligent Systems, Springer.
2. Kumar, A., **Mahto, S. K.**, Sinha, R., & Choubey, A. (2021). Dual circular slot ring triple-band mimo antenna for 5g applications. Frequenz, 75(3-4), 91–100.



3. Kumar, A., Rajawat, M. S., **Mahto, S. K.**, & Sinha, R. (2021). Metamaterial-inspired complementary splitting resonator sensor and second-order approximation for dielectric characterization of fluid. *Journal of Electronic Materials*, 50(10), 5925–5932.
4. Kumar, P., Sinha, R., Choubey, A., & **Mahto, S. K.** (2021). A novel metamaterial electromagnetic band gap (mm-ebg) isolator to reduce mutual coupling in low-profile mimo antenna. *Journal of Electronic Materials*, 1-9.
5. Kumar, R., Sinha, R., Choubey, A., & **Mahto, S. K.** (2021a). A compact microstrip feedline printed antenna with perturbed partial ground plane for uwb applications. *International Journal of RF and Microwave Computer-Aided Engineering*, 31(9), e22764.
6. Kumar, R., Sinha, R., Choubey, A., & **Mahto, S. K.** (2021b). An ultrawide band monopole antenna using hexagonal-square shaped fractal geometry. *Journal of Electromagnetic Waves and Applications*, 35(2), 233–244.
7. Pal, P., Sinha, R., & **Mahto, S. K.** (2021). Synthesis approach to design a compact printed monopole antenna for 2.4 ghz wi-fi application. *International Journal of RF and Microwave Computer-Aided Engineering*, 31(5), e22619.
8. Singh, A. K., **Mahto, S. K.**, & Sinha, R. (2021b). Compact super-wideband mimo antenna with improved isolation for wireless communications. *Frequenz*, 75(9-10), 407–417.
9. Barde, C., Choubey, A., Sinha, R., **Mahto, S. K.**, & Ranjan, P. (2020). A compact wideband metamaterial absorber for ku band applications. *Journal of Materials Science: Materials in Electronics*, 31(19), 16898–16906.
10. Singh, A. K., **Mahto, S. K.**, & Sinha, R. (2021a). A miniaturized mimo antenna for c, x, and ku band applications. *Progress In Electromagnetics Research C*, 117, 31–40.
11. Ranjan, P., Barde, C., Choubey, A., Sinha, R., & **Mahto, S. K.** (2020). Wide band polarization insensitive metamaterial absorber using lumped resistors. *SN Applied Sciences*, 2, 1–8.
12. Singh, A. K., **Mahto, S. K.**, & Sinha, R. (2021a). A miniaturized mimo antenna for c, x, and ku band applications. *Progress In Electromagnetics Research C*, 117, 31–40.
13. ParthaBhattacharyya, **Debanjan Acharyya**, "Impact of Device Configurations on Sensing Performance of WS₂ based Gas Sensors: A Review", *IEEE Sensors Journal*, Vol. 21, No. 20, pp. 22414 – 22425, 2021.
14. S. Agarwal, **J. K. Mishra**, and V. Priye, "Highly sensitive MOEMS integrated



- photonic crystal cavity resonator for nano-mechanical sensing,” Optics Communications, vol. 474, 126150, 2020.
15. S. Agarwal, **J. K. Mishra**, and V. Priye, “Thermal Design Management of Highly Mechanically Stable Wavelength Shifter Using Photonic Crystal Waveguide,” Superlattices and Microstructures, vol. 142, 106510, 2020.
 16. Neeraj Jain, Kunal Singh, **Shashi Kant Sharma**, Renu Kumawat, “Analog/RF Performance Analysis of aITZO Thin Film Transistor”, Silicon (Springer), pp. 1-19, 2021.
 17. Sukanta Kumar Swain, **Nisht Malviya**, Sangeeta Singh, **Shashi Kant Sharma**, “InSb/Si Heterojunction-Based Tunnelling Field-Effect Transistor with Enhanced Drive Current and Steep Switching”, Journal of Electronic Materials (Springer), pp. 1-8, 2021.
 18. Chandra Prakash Gupta, Amit Kumar Singh, Praveen K Jain, **Shashi Kant Sharma**, Shilpi Birla and Sandeep Sancheti, “Electrical Transport Properties of Thermally Stable n-ZnO/AlN/p-Si Diode Grown using RF Sputtering”, Materials Science in Semiconductor Processing (Elsevier), Vol. 128, pp.105734 (1-4), 2021.
 19. Chandra Prakash Gupta, Praveen K Jain, Umesh Chand, **Shashi Kant Sharma**, Shilpi Birla, Sandeep Sancheti, “ Effect of Top Electrode Materials on Switching Characteristics and Endurance Properties of Zinc Oxide Based RRAM Device”, Journal of Nano-and Electronic Physics, Vol. 12, No. 1, pp. 1007 (1-5) , 2020.

4.6.2. International Conferences:

1. Kumar, S., & **Pati, J.** (2021). Classification and Hazards of Arsenic in Varanasi Region using Machine Learning. International Conference on Advances and Applications of Artificial Intelligence and Machine Learning (pp. 1-12).
2. D. K. Jha and **J. K. Mishra**, “Performance Evaluation of DWDM Optical Transmission System Using Deep Learning Technique,” in IEEE Photonics Conference (IPC), 2021, Vancouver, BC, Canada.
3. **J. K. Mishra**, A. Kumar, S. Agarwal, P. Pareek and V. Priye, “Spatially multiplexed multicore fiber communication to fuel the next information revolution,” in Proc. SPIE, vol. 11355, Photonics Europe 2020, 2020, Strasbourg, France.
4. P. Pareek, R. Ranjan, S. K. Pandey, **J. K. Mishra**, A. K. Kushwaha, “Performance Comparison of Tin-based Group IV SQWIP and MQWIP in Dark Conditions,”

in Proc. SPIE 11345, Nanophotonics VIII, 113452A, Photonics Europe 2020, 2020, Strasbourg, France.

5. R. Ranjan, P. Pareek, S. K. Pandey, S. Kumar, and **J. K. Mishra**, "Investigation of GeSn/SiGeSn Nanostructured Layer for Sensors in Mid-infrared Application," in Proc. SPIE, vol. 11345, Nanophotonics VIII, 113452K, Photonics Europe 2020, 2020, Strasbourg, France.
6. Neeraj Jain, Renu Kumawat, **Shashi Kant Sharma**, "Effect of Substrate Temperature on the Microstructural and Optical Properties of RF Sputtered Grown ZnO Thin Films", **International Conference on Advancement of Nanoelectronics and Communication Technologies 2020** published by **Materials Today Proceedings** (Jan. 17-18, 2020), Vol. 30, No. 1, pp. 93-99, SKIT Jaipur, India, 2020. (DOI: 10.1016/j.matpr.2020.04.667).

4.6.3. Book Chapters Published

1. **Debanjan Acharyya**, Partha Bhattacharyya, "Functionalization of graphene and its derivatives for developing efficient solid-state gas sensors: Trends and Challenges", in the book 'Functional Nanomaterials: Advances in Gas Sensing Technologies', Chapter: 8, Springer Nature, Singapore pp 245-284 2020.
2. R. Mohanty, **Santosh Kumar Mahto**, & R. Sinha. "Brain Tumor Detection : A Review of Early Stage Tumor Detection Techniques". *Internet of Things and Its Applications, Lecture Notes in Electrical Engineering*, Springer (Accepted)

4.6.4. Workshops/seminars /training course Organised

1. **Dr. Jitendra K. Mishra**, Assistant Professor, Department of ECE has organised a Faculty Development Programme on "Photonics" sponsored by AICTE Training and Learning (ATAL) Academy from 03/11/2020 to 07/11/2020.

4.6.5. Workshops/seminars /training course Organised

1. **Debanjan Acharyya**, Online short-term training program on "Advanced Micro/Nano Sensor Technologies: Modelling, Simulation and Fabrication", from 5th to 9th July 2021 organized by ECED, NIT Calicut.
2. **Debanjan Acharyya**: ISSS-PhD Thesis Award-2020 from Institute for Smart Structures and Systems, India

4.6.6. Awards and Recognition

1. **Debanjan Acharyya**: ISSS-PhD Thesis Award-2020 from Institute for Smart Structures and Systems, India

4.7. Incubation Centre

The primary objective of Incubation Centre at IIIT Ranchi, is to provide support and encourage the innovative part of mind of students and alumni of IIIT Ranchi that are getting admission after clearing a very competitive and tough Joint Entrance Examination (Main) – JEE (Main). It will also support students of other nearby institutes, individuals or teams that qualify the criteria laid down by the centre. Moreover, it will actively encourage operation of Virtual Incubates from anywhere in India.

Indian Institute of Information Technology (IIIT), Ranchi is taking active initiative to fructify an 'Entrepreneur Culture' by promoting 'Innovation' in Information and Communication Technology (ICT) application in various areas which is unique for the state of Jharkhand in particular and India in general. With a target to reach out to all interested and potential stake holders,

5. INFRASTRUCTURAL FACILITIES

5.1. Temporary Campus at Jharkhand University of Technology (JUT) Ranchi:

As per letter no. सू०पौ०/IIIT/SSC-58/2014-206 dated February 28, 2019 IIIT Ranchi has been provided with the Academic Block of Jharkhand University of Technology for conducting its academic and administrative operations from July 2019. The academic block consists of three floor building along with fully centralized AC. For proper power supply, generator supported built up area of 4500 Sq.meter is present. The detailed information of academic block is as follows:

1.	Class Room (ECE&CSE)	06
2.	Computer Lab	02
3.	Hardware Lab	05
4.	Faculty Room	08
5.	Director Secretariat	01
6.	Registrar's Office	01
7.	Academic and Examination Section	01
8.	Establishment Section	01
9.	Finance & Account Section	01



10.	Training and Placement Office	02
11.	Student Welfare Office	01
12.	Library	01
13.	Seminar Hall/Board Meeting Room	01
14.	Electrical & Network termination	03
15.	Server room	01
16.	Medical room & dispensary for emergency medical aid	01
17.	Reception/ECE/CSE OFFICE	01
18.	Store Room	01
19.	Washroom (set of Boys, Girls & PwD)	06

5.2. Infrastructural Development:

The transit campus has been provided with high-speed broadband internet facility for students, faculties and stakeholders. Followings are the infrastructural development for the same;

S. No.	Equipment/Service
1.	Purchase 100 Mbps Leased Line from BSNL
2.	Purchase of 100 Mbps Back-up Bandwidth from Power Grid Corporation Ltd.
3.	Cisco Manage L2 Switch Digisol Access Point Cat 6 UTP Cable
4.	Router Board RB750-GR3
5.	HP Laptop 15-DA0400TU Tenda Outdoor Access Point Power Supply SMPS 12 V Power Supply AD-77 Cat 6 Cable 305 mtr PVC Pipe 20MM Saddle Wire Clip-20MM Finolex 2Core Power Cable
6.	Network Rack 42 U

5.3. Land for Permanent Campus of IIIT Ranchi:

The Government land as per letter of Circle Office; Kanke is detailed in the table below:

Government Land		
KhataNo.	SurveyPlotNo.	Area in Acres
55	1389	0.01
	1405P	0.58
	1405P	1.05
	1423	14.40
	1424	0.58
	1394/1914P	1.60
	1394/1914	1.80
	1896	1.03
	1375	0.08
	1384	0.02
133	1430	0.17
	1431P	13.00
	1449P	2.52
208	1336P	0.26
	1395	0.01
	1396	0.01
	1400	0.12
267	394	15.00
Total Area		52.24

The details of land procured by Government of Jharkhand and handed over to IIIT Ranchi on 12/02/2019 are as follows:

Khata No.	Survey Plot No.	Area in Acres	Khata No.	Survey Plot No.	Area in Acres
73	1337	0.40	149	1402	0.51
183	1362	0.05	14	1403	0.40
180	1363	0.08	149	1404	0.70
133	1366	0.02	24	1406	0.85
125	1367	0.05	307	1407	0.24
125	1368	0.05	233	1408	0.06
125	1369	0.40	319	1409	0.44

272	1371	0.03	319	1410	0.01
20	1373	0.29	220	1411	0.04
20	1374	0.26	220	1412	0.19
10	1380	0.01	14	1413	0.12
10	1381	0.33	14	1414	0.58
10	1382	0.06	37	1415	0.62
12	1383	0.18	40	1425	0.17
10	1385	0.07	41	1426	0.14
272	1386	0.40	42	1427	0.57
316	1387	0.60	43	1428	0.32
38	1388	0.07	44	1429	0.05
318	1390	0.66	47	1432	0.36
223	1391	0.03	48	1433	0.11
246	1392	0.83	49	1434	0.45
171	1393	0.12	265	1435	0.15
171	1394	0.97	272	1437	0.20
149	1397	0.35	149	1438	0.24
14	1398	0.19	90	1474	0.05
149	1399	0.12	89	1475	0.04
149	1401	0.09	89	1873	0.10
TOTAL					14.40

S.No.	Type of Land	Area in acres
1.	Land of Government of Jharkhand	52.24
2.	Land procured by Government of Jharkhand	14.40
Total		66.64

1. Mutation of 51.64 Acres Land for Plot-A completed in Dec'2021. (14.40 Acres Private land and 37.24 Acres Govt. Land).
2. 0.55 Dismil additional land missed out in earlier record has been approved for addition to IIIT allotted land and compensation amount of 1.47 Crores has been transferred from Higher Technical education to District Land Acquisition Office, Ranchi
3. 9 pending court cases stands unresolved in LA court for Plot-A of IIIT Ranchi

5.4. Infrastructural Development at Permanent Campus of IIIT Ranchi

1. Boundary Wall has been completed with physical progress of 80% achieved with 2100 mts. Boundary completed out of 2900 mts. At Plot-A.
2. For Plot-B , Higher Technical Education has recorded the hindrances faced at Plot-B and asked for separate land in lieu of 15 Acres land to Circle Officer, Kanke. In response to this 5 Acres land adjacent to Plot-A has been identified and map for the same is being prepared by Circle office ,Kanke.

5.5. Central Library:

The chairperson, BOG IIIT Ranchi, Shri. Arun Jain inaugurated the central library on his visit to the interim campus.

Central Library forms the integral part of various academic and research activities of IIIT Ranchi. The library is set to procure 1163 number of books as per the recommendations of the faculty members and students. With reading optimum room capacity of 40 the central library provides different services to the academic fraternity of IIIT Ranchi to meet their learning, teaching and research requirements. It provides a quiet study space for students and researchers. Five computers have been installed to access the online resources.

Services and Facilities:

The library provides user friendly services and facilities and remains open from 08:00 hrs to 18:00 hrs and 360 days around the year. The students and other staffs are benefitted as an entire hall has been allocated at the central library for shelving textbooks to provide finest reading facility.





5.6. Assistantships (M.Tech / Ph.D.):

The Institute provides Assistantship to the students admitted in the M. Tech & Ph. D programme as per the norms of Institute. The student must have cleared GATE and must be a regular non-sponsored student to become eligible for this Assistantship.

6. Training and Placement

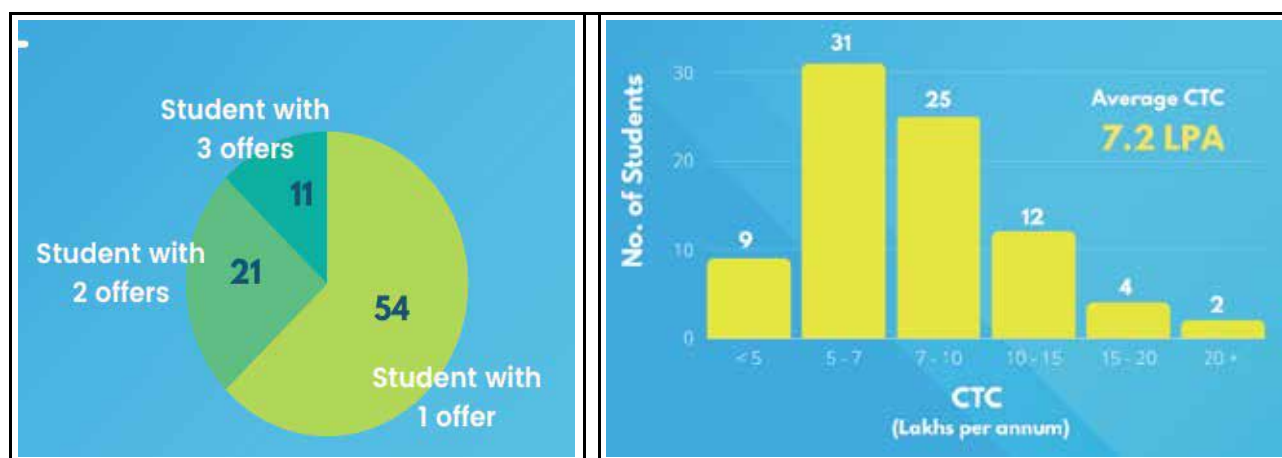
The aim of training and placement cell is to create a platform for students for exploring their creative potential and nurturing the spirit of entrepreneurship and critical thinking. The cell has done excellent work in providing opportunities for students through campus placements in the year 2020-21.

6.1. Placement Statistics

In year 2020-21, the placement activity was conducted for the batch 2017-2021. The placement team had sent invitations to companies and organizations along with relevant information and coordinated accordingly to fix a convenient date for recruitment procedure. A total of 84 placement offers were received from different companies having the highest package of 20LPA and average package of 7.2LPA.

The placement statistics of 2017-2021 Batch has been analysed below

	Eligible Students	Placed Students	Students with 1 offers	Students with 2 offers	Students with 3 offers	Total offers
ECE	47	20	20	06	03	29
CSE	47	34	34	15	06	55
OVERL-ALL	94	54	54	21	09	84



7. Student Activities

On the evening of 24 March 2020, the Government of India ordered a nationwide lockdown to slow down the COVID-19 transmission through social distancing, lockdowns, increasing the number of tests and treatment facilities. In this regard, the student activities are conducted online mode which are briefed in this section.

7.1. Student Orientation Program

The Orientation Program was conducted online on 4th December 2020, that introduced IIIT Ranchi to the new students to help them adapt to the institution and realize their responsibility towards it. This included introductory sessions giving them an overview of the university life; the rules and regulations mandated for each student in the essential period at the beginning of the college session, which allows the students to get settled in their new environment.



Orientation Program

7.2. HOUSE OF GEEKS (HOG): Technical Society of IIIT Ranchi

In a technology-controlled world, IIIT Ranchi knows what an impactful role technology has on people's lives. HOG plays a major role in helping the students identify and develop their interests towards various technical aspects. Inclination of both Computer Science and Electronics students are paid heed to in the form of various communities like Competitive coding, Web and App Development, Machine Learning, Core Electronics, Intelligence, Internet of Things, Robotics and Embedded system, Society of Photo-Optical Instrumentation Engineers.

All communities need someone to help them guide through different phases of their growth and for that there are different prominent clubs under HOG namely:

1. Technical Communities

- Community of Software Development
- Community of Competitive Coding
- Community of Core Electronics
- Community of Data Science and Artificial Intelligence
- Community of Robotics and Automation
- Community of Cybersecurity, Cryptography and Blockchain Community
- Community of Internet of Things

2. Non-Technical Communities

- Team CreaXns – Creativity and Graphic Designing Team
- Team Anonymous – Promotion, Public Relation and Advertising Team
- Event Management Team

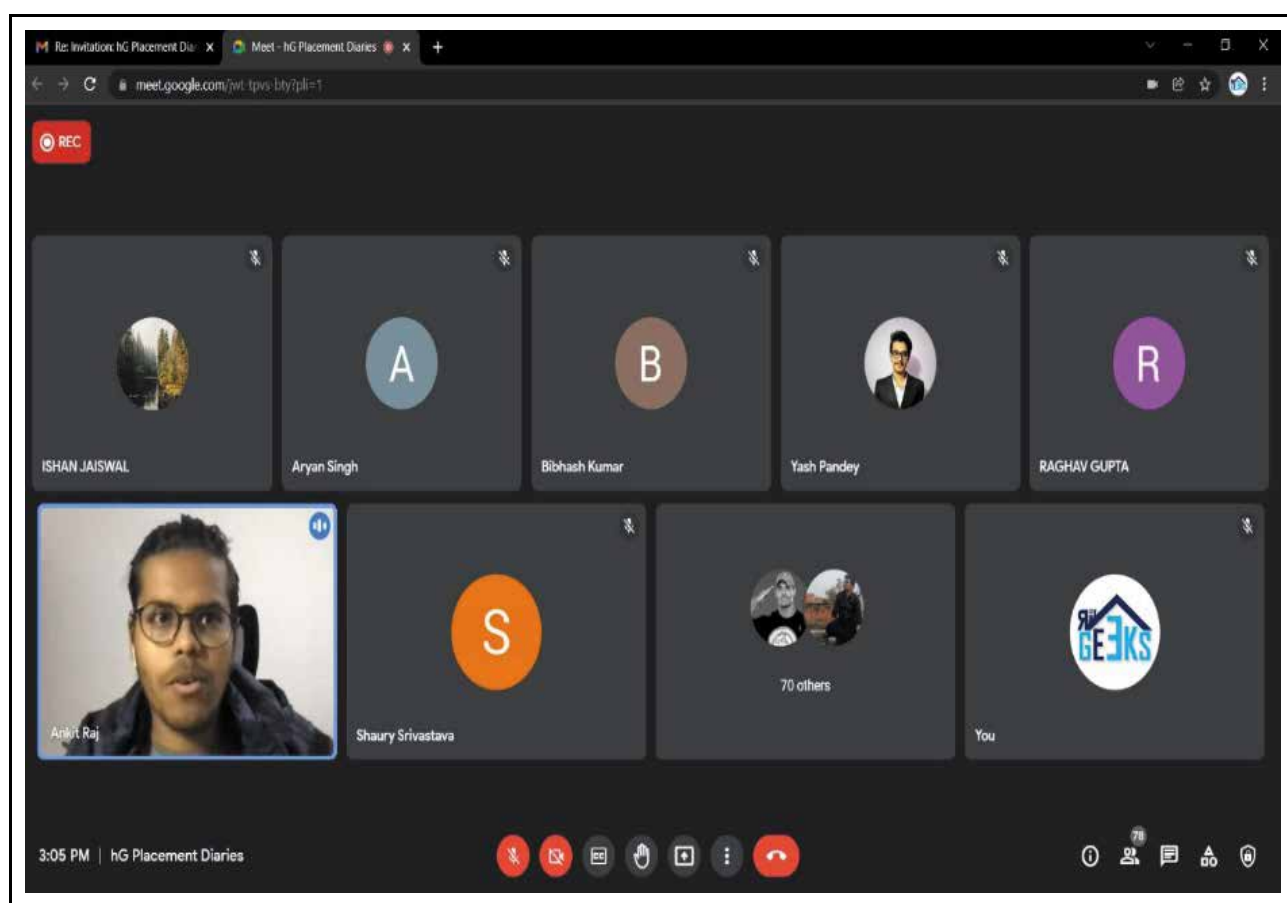
3. Student Branches and Club

- OSA Chapter
- IEEE Student Branch
- Codechef Chapter IIIT RANCHI
- E-Cell
- Google Developers Student Club IIIT RANCHI

Major Events under HOG in the annual year 2020-2021 are:

DATE	EVENTS
28th and 29th Jan 2021	PCB designing Event using EAGLE An event solely based on PCB designing including Schematic and PCB layout, generating double layered board, gerber files.

30th March 2021	Core Placement Talk Devansh Srivastava held a meet solely for the core society for guiding his juniors and those who are interested in core domain regarding the placement preparation in VLSI industry.
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ALUMNI PLACEMENT TALKS

7.3. CULARITI : Cultural Society of IIIT Ranchi

The personality of our students and the way they carry themselves is one of the best examples of how inculcation of soft skills has been a priority in our Institute. Different events by Culariti ensures that the students are well versed with all required skills such as time management, leadership, decision-making, team spirit and an increased sense of responsibility along with good communication and stage presentation skills.

Various clubs under Culariti are:

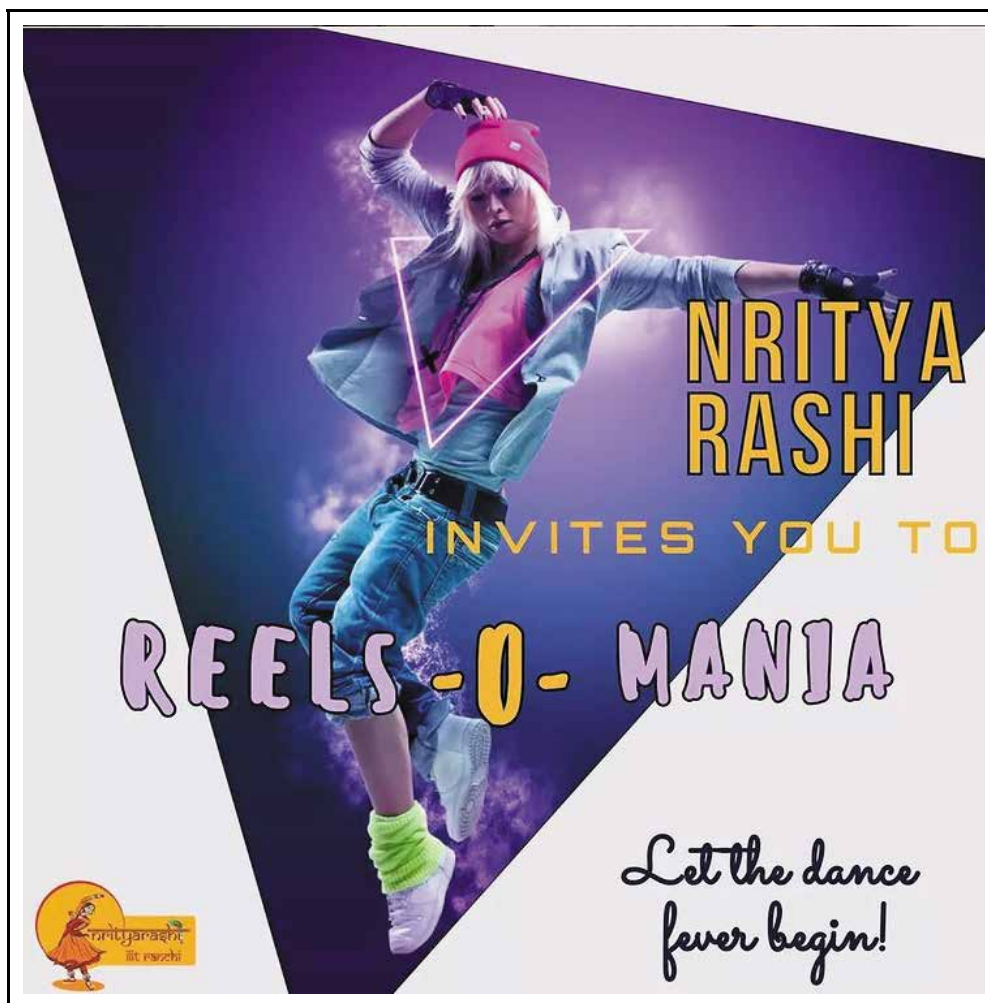
1. KRITI (Art Club)
2. LITCLUB (Literature club and Debating Club)
3. ALFAAZ (Poetry Club)
4. RANGBAAZ (Drama/Skit Club)
5. ESTILLO (The Fashion Club)
6. NRITYARASHI (Dance Club)
7. SAAZ (Music Club)

Major Events under Culariti in the annual year 2020-2021 are:

DATE	EVENTS
19 TH January 2021	INTRODUCTORY EVENT An introduction to all the cultural clubs and their selection process.
26 th January 2021	REPUBLIC DAY CELEBRATION Republic Day celebration was organised in online mode.
16 th Feb 2021	SARASWATI PUJA Saraswati puja is celebrated with the existing officers, staffs, faculties and physically present students ALFAAZ EVENT A get together and poetry session of all batches.



Saraswati Puja Celebration



DANCING COMPETITION ORGANISED ONLINE

7.4. Sports Society of IIIT Ranchi

A healthy mind resides in a healthy body'. This quote is well understood by the college officials and students alike. Instilling the love of sports and fitness, Sports society of IIIT Ranchi, prides itself with numerous sports clubs having maximal student participation, along with bringing laurels to the institute.

Major Events under Sports Society of IIIT Ranchi in the annual year 2020-2021 are:

DATE	EVENTS
10-14 th January 2021	BGMI TOURNAMENT-1 Online gaming was also introduced in our Sports Society from this year. So, an online gaming event called BGMI tournament was organised.

7.5. Ek Bharat Shreshtha Bharat (EBSB) Activities

Ek Bharat Shreshtha Bharat programme aims to enhance interaction & promote mutual understanding between people of different states/UTs through the concept of state/UT pairing. IIIT Ranchi conducted different activities to promote a sustained and structured cultural connect in the areas of language learning, culture, traditions & music, tourism & cuisine, sports and sharing of best practices, etc.

Major Events under the EBSB cell in the annual year 2020-2021 are:

DATE	EVENTS
31 st October 2020	EBSB DAY Cultural demonstration like songs, dance, drama of paired state, food, festivals, reading of translated books of paired state.
19 th November 2020	ESSAY WRITING COMPETITION On the occasion of National Education Day, an Essay writing Competition was organized. The topic for the same was "Indian Education System vs Global Education System. Mode of Event : Online Number of Participants: 20
26 th November 2020	CONSTITUTION DAY CELEBRATION In the Constitution Day event, following activities were conducted: Speech on Constitution Day, awareness about Corruption and a pledge was also taken in support of Anti-Corruption. Mode of event : Online Number of Participants : 50
1 st March 2021	HOLI COMPETITION An event was conducted in which students shared their holi celebration traditions from different regions of India.
31 st March 2021	SPEECH WRITING COMPETITION Speech Writing Competition was organised in online mode.



Constitution Day Celebration at IIIT Ranchi

8. Media Outreach Program

In the presence of IIIT, Ranchi Director, Prof. Vishnu Priye and Ranchi Central Public Works Division (CPWD), Chief Engineer, MP Singh a press meet organised at Interim campus at Namkum, Ranchi on **18th January 2021**. In this event, the director along with Faculty-in-Charges briefed the press about the steps taken by IIIT, Ranchi in establishing independent credentials amongst the 19 IIITs established by an Act of Parliament as 'Institute of National Importance' in Public Private Partnership (PPP) mode. Media was briefed about the infrastructural developments at its permanent land at Sanga Village along with new courses introduced, placement statistics and different student activities at IIIT Ranchi.



The Director, IIIT Ranchi briefing the press meet

9. Personnel Details

Approved Faculty Strength: 30

The sanctioned faculty strength as per 4th Governing Body is

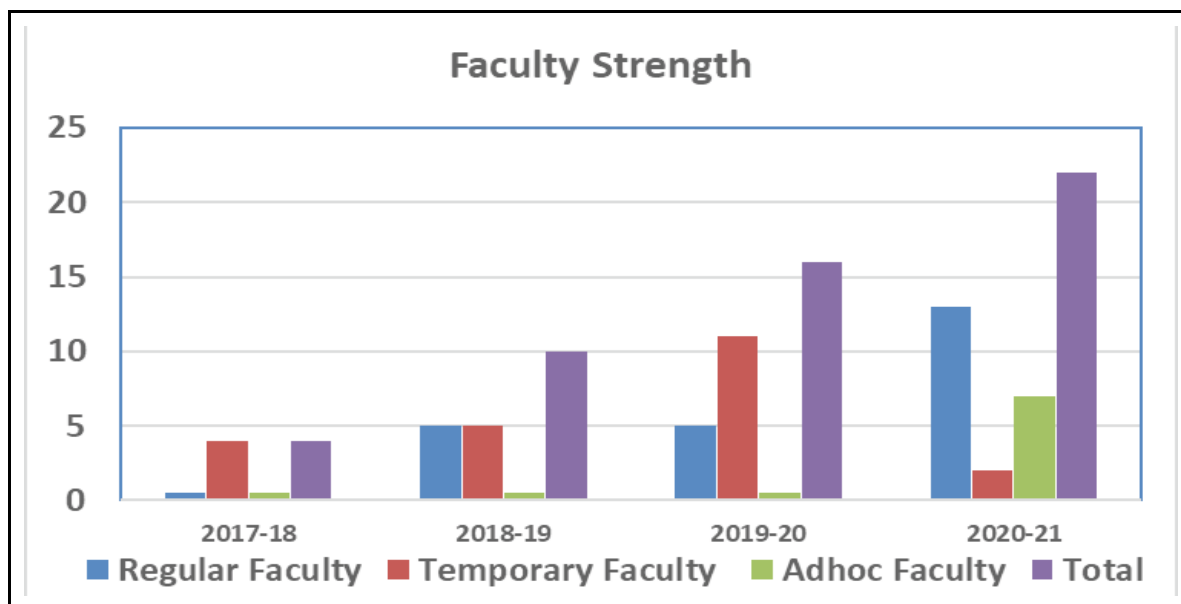
Professor: 04

Associate Professor: 04

Assistant Professor: 22

Full-time Faculty Members (2019-20)

The number of faculty members is shown below:



Approved Non-Teaching Staff Strength: 33

Full Time Non-Teaching Staffs: 10

Registrar: 01

Deputy Registrar: 01

Assistant Registrar: 01

Placement cum Public Relation Officer (Contractual) : 01

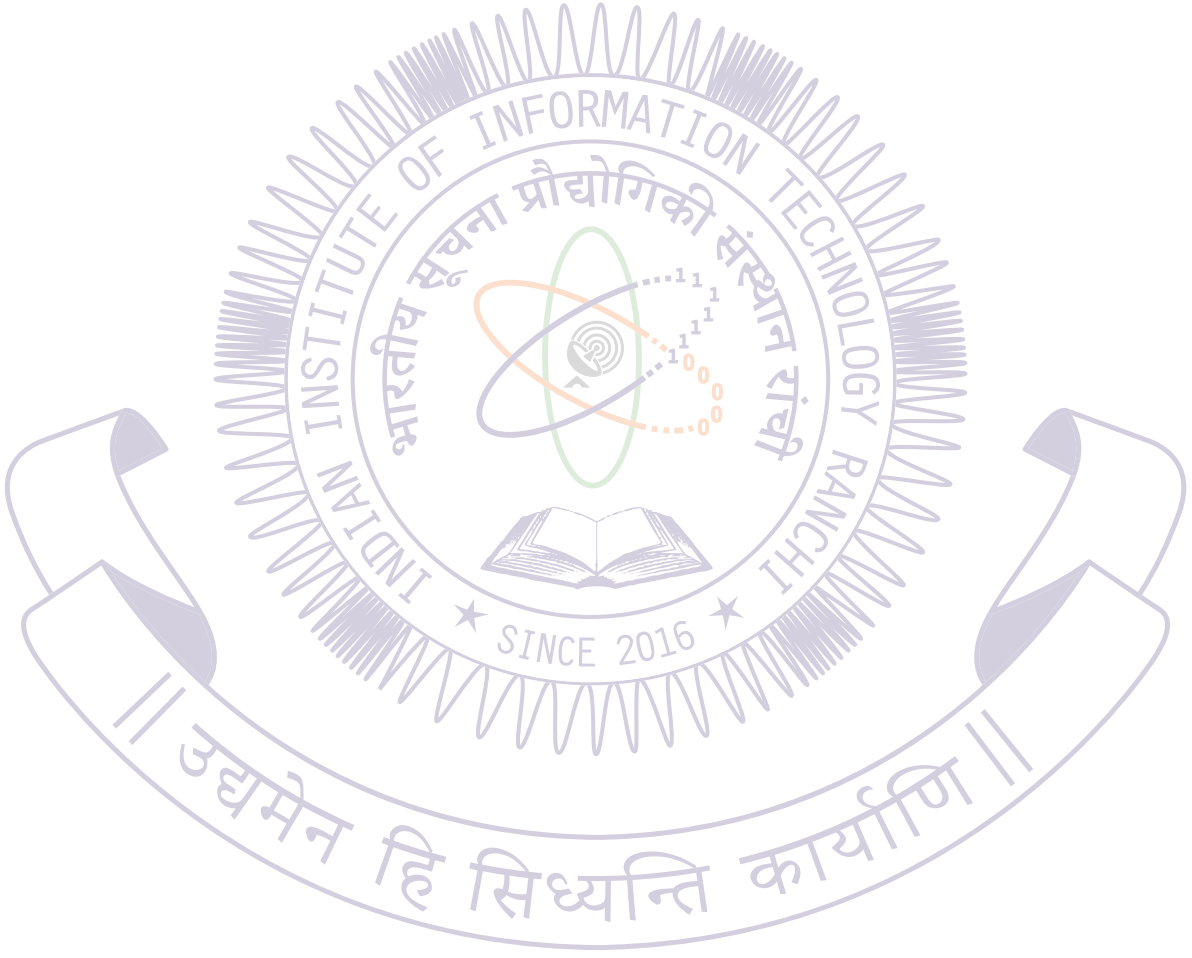
Assistant Executive Engineer - Civil (Contractual) : 01

Junior Engineer - Electrical (Contractual) : 01

Junior Engineer - Networking (Contractual) : 01

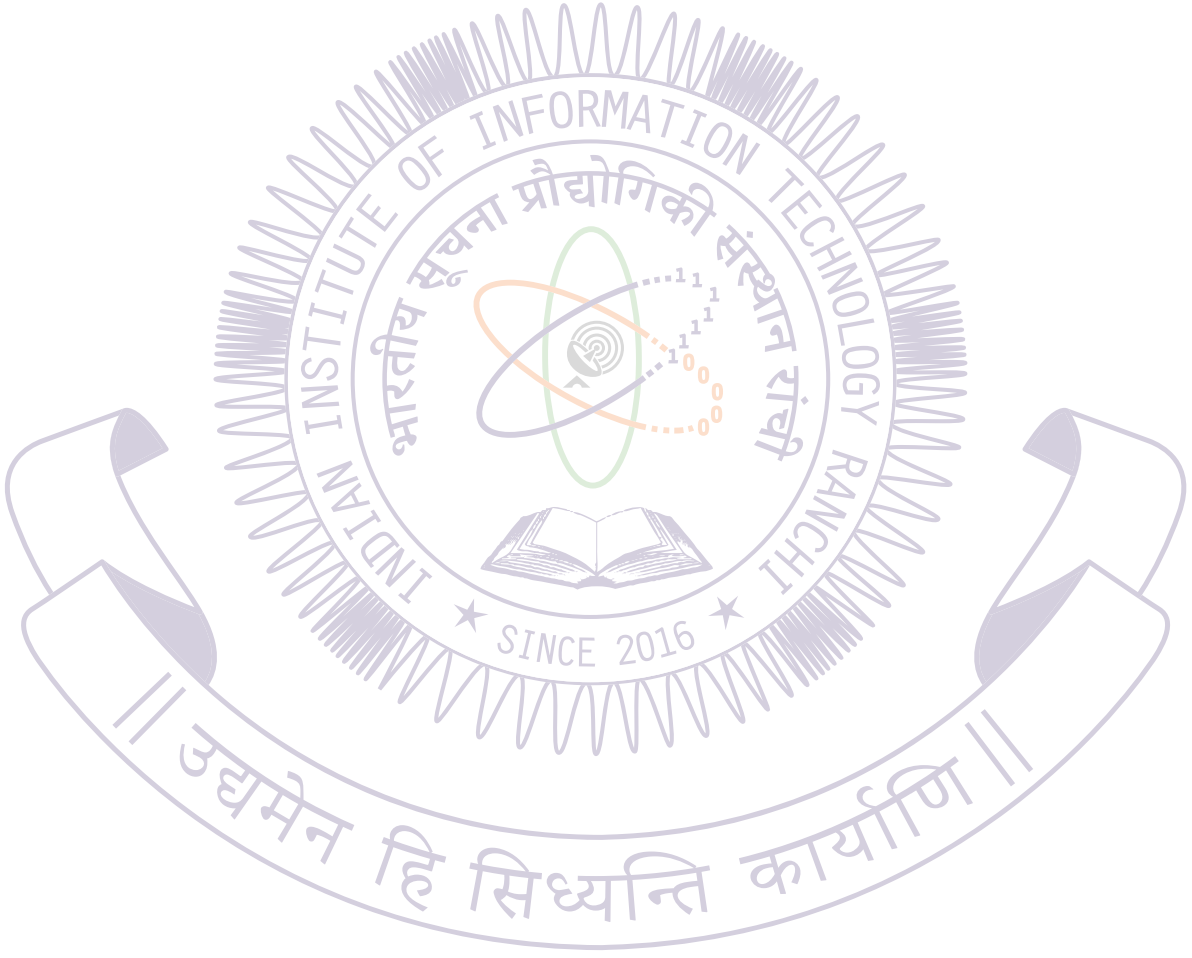
Junior Assistant - (Contractual) : 03





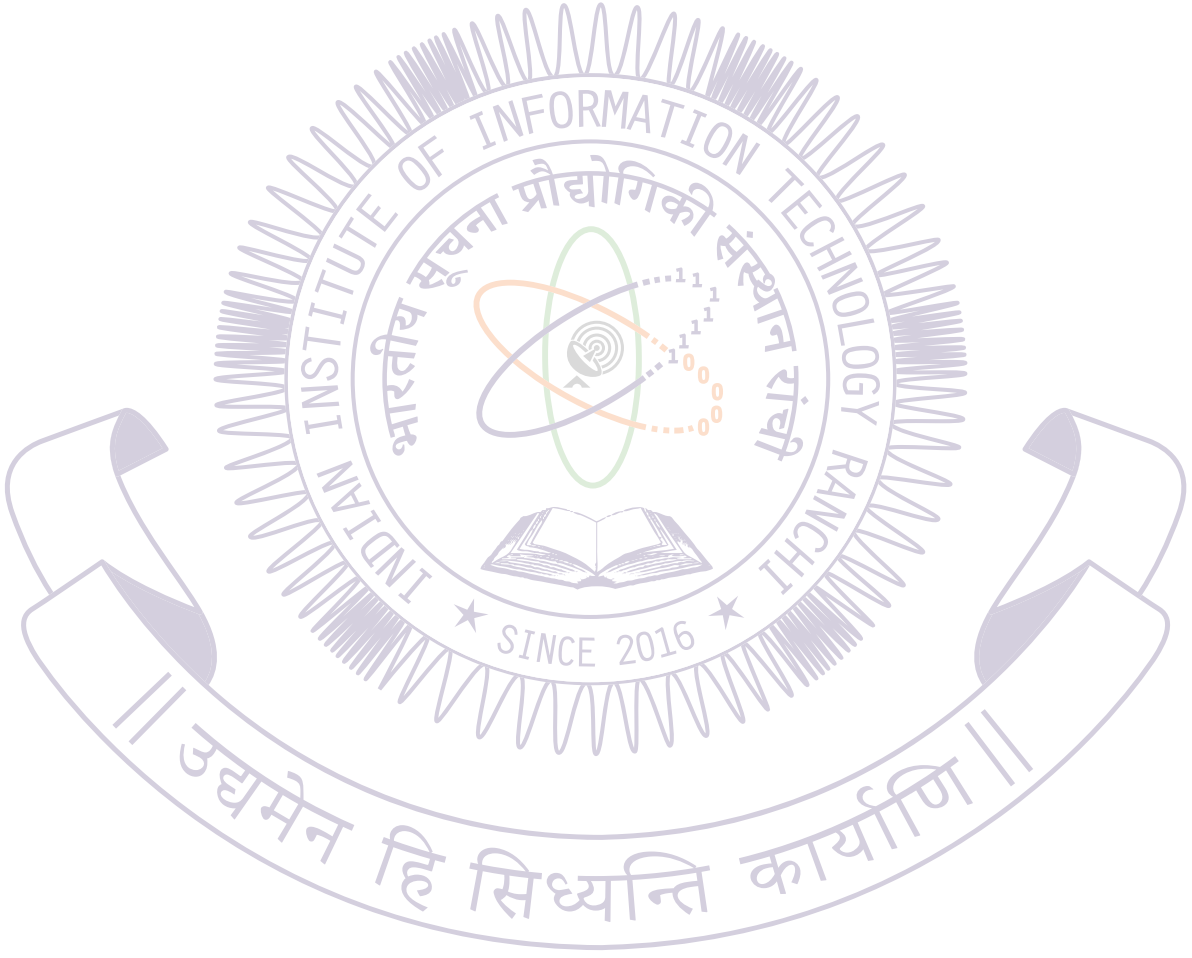


10. ANNUAL ACCOUNTS



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INDIAN INSTITUTE OF INFORMATION TECHNOLOGY RANCHI

BALANCE SHEET as on 31st March 2021

Amounts in Rupees

SOURCES OF FUNDS	Sche dule	Current Year 2019-20	Previous Year 2018-19
CORPUS / CAPITAL FUND	01	₹ 25,64,72,567.34	₹ 15,63,14,158.22
DESIGNATED/EARMARKED/ ENDOWMENT FUNDS /CAPITAL GRANT & LOANS	02	₹ 0.00	₹ 21,92,40,873.00
CURRENT LIABILITIES & PROVISIONS	03	₹ 45,03,41,697.32	₹ 54,90,853.00
TOTAL		₹ 70,68,14,264.66	₹ 38,10,45,884.22

APPLICATION OF FUNDS	Sche dule	Current Year 2019-20	Previous Year 2018-19
FIXED ASSETS	04		
Tangible Assets		₹ 3,25,49,948.30	₹ 46,09,189.46
Intangible Assets		₹ 7,46,098.80	₹ 15,166.80
Capital Works-In-Progress		₹ 87,57,688.00	-
INVESTMENTS	05	₹ 0.00	₹ 22,95,00,000.00
INVESTMENTS - OTHERS	06	₹ 0.00	₹ 0.00
CURRENT ASSETS	07	₹ 49,84,91,988.81	₹ 13,47,14,350.21
LOANS ADVANCES & DEPOSITS	08	₹ 16,62,68,540.75	₹ 1,22,07,177.75
TOTAL		₹ 70,68,14,264.66	₹ 38,10,45,884.22

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06.08.2021
Junior Assistant(Accounts)

06/8/21
Dy. Registrar (F&A)

06/8/21
Registrar

6.8.2021
Director



INDIAN INSTITUTE OF INFORMATION TECHNOLOGY RANCHI

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31st MARCH 2020

(Amounts in Rupees)

PARTICULARS	Sche dule	Current Year 2020-21	Previous Year 2019-20
INCOME			
Academic Receipts	09	₹ 6,69,23,141.00	₹ 7,18,39,869.00
Grants / Subsidies	10	₹ 2,24,00,000.00	₹ 1,33,00,000.00
Income from Investments	11	₹ 0.00	₹ 1,11,04,230.00
Interest Earned	12	₹ 1,87,46,183.00	₹ 44,32,882.00
Other Income	13	₹ 6,18,061.00	₹ 1,31,349.00
TOTAL (A)		₹ 10,86,87,385.00	₹ 10,08,08,330.00
EXPENDITURE			
Staff Payments & Benefits (Establishment Expenses)	15	₹ 3,49,28,447.00	₹ 2,03,16,699.00
Academic Expenses	16	₹ 56,41,657.00	₹ 33,79,674.00
Administrative and General Expenses	17	₹ 33,63,270.00	₹ 29,61,569.00
Transportation Expenses	18	₹ 9,66,499.00	₹ 6,00,567.00
Repair and Maintenance	19	₹ 9,89,925.00	₹ 5,61,367.00
Finance Cost	20	₹ 3,798.34	₹ 3,798.34
Depreciation	04	₹ 48,00,220.16	₹ 4,73,561.49
Other Expenses	21	₹ 0.00	₹ 0.00
Prior Period Expenses	22	-	₹ 0.00
TOTAL (B)		₹ 5,07,60,874.88	₹ 2,82,97,235.83
Balance being Surplus / (Deficit) carried to Capital Fund		₹ 5,79,26,510.12	₹ 7,25,11,094.17


06.08.2021
Junior Assistant(Accounts)


08/8/21
Dy. Registrar (F&A)


08/8/21
Registrar


6.8.2021
Director



RECEIPT AND PAYMENT ACCOUNT FOR THE YEAR ENDED 31 MARCH, 2021

(Amount in ₹)

Receipt	Current Year (2020-21)	Previous Year (2019-20)
i. Opening Balance		
Current A/c (39114253842)	₹ 4,84,280.69	₹ 0.00
SBI Main A/c (35551469248)	₹ 11,74,73,686.52	₹ 12,90,81,904.30
Student Fee Receipt (39532855953)	₹ 0.00	₹ 0.00
Total	₹ 11,79,57,967.21	₹ 12,90,81,904.30
ii. Capital Account		
Designated Earmarked Endowment Fund, Grant and Loan	₹ 0.00	₹ 4,12,00,000.00
iii. Current Liabilities		
Deposit Others	₹ 0.00	₹ 60,000.00
Deposits From Student	₹ 0.00	₹ 10,70,000.00
PM CARES Fund	₹ 1,15,000.00	₹ 0.00
Other Current Liabilities	₹ 19,54,059.00	₹ 3,15,800.00
Other Liabilities	₹ 17,068.00	₹ 82,708.00
Statutory Liabilities	₹ 44,77,754.00	₹ 25,50,362.00
Sundry Deposit	₹ 61,69,248.32	₹ 0.00
Unutilised Grant	₹ 26,40,00,000.00	₹ 0.00
Total	₹ 27,67,33,129.32	₹ 40,78,870.00
iv. Fixed Assets		
Tangible Assets	₹ 2,34,451.00	₹ 21,000.00
v. Current Assets		
Loans & Advances (Asset)	₹ 2,75,178.00	₹ 5,15,616.00
TDS Receivable	₹ 0.00	₹ 4,57,250.00
Total	₹ 2,75,178.00	₹ 9,72,866.00
vi. Direct Incomes (Income (Direct))		
Grant From MHRD (31)	₹ 2,24,00,000.00	₹ 1,33,00,000.00
Academic Receipt	₹ 6,71,73,128.00	₹ 7,37,14,869.00
Total	₹ 8,95,73,128.00	₹ 8,70,14,869.00
vii. Indirect Incomes (Income (Indirect))		
Interest Earned	₹ 23,43,802.00	₹ 44,32,882.00
Other Income	₹ 5,88,235.00	₹ 1,33,479.00
Total	₹ 29,32,037.00	₹ 45,66,361.00
viii. Indirect Expenses (Expenses (Indirect))		
Academic Expenses	₹ 3,06,810.00	₹ 73,706.00
Administrative & General Expenses	₹ 2,85,649.00	₹ 13,983.00
Finance Cost	₹ 2.36	₹ 0.00
Repairs & Maintenance	₹ 19,000.00	₹ 53,970.00
Staff Payment & Benefit (Establishment Exp.)	₹ 85,497.00	₹ 0.00
Total	₹ 6,96,958.36	₹ 1,41,659.00
Total Receipt	₹ 48,84,02,848.89	₹ 26,70,77,529.30



(Amount in ₹)

Payment	Current Year (2020-21)	Previous Year (2019-20)
i. Current Liabilities		
Honorarium to Visiting Faculty & Others Payable	₹ 0.00	₹ 60,375.00
Meeting Exp Payable	₹ 0.00	₹ 23,945.00
Salary Payable (2018-19)	₹ 0.00	₹ 8,22,370.00
Deposit Others	₹ 0.00	₹ 30,000.00
Deposits From Student	₹ 0.00	₹ 70,000.00
M K Paswan	₹ 35,000.00	₹ 0.00
PM CARES Fund	₹ 1,15,000.00	₹ 0.00
VK Dalia	₹ 90,000.00	₹ 0.00
Sundry Creditors	₹ 1,01,11,602.00	₹ 22,61,543.00
Other Current Liabilities	₹ 18,09,856.00	₹ 2,33,000.00
Other Liabilities	₹ 19,668.00	₹ 30,654.00
Statutory Liabilities	₹ 69,55,980.00	₹ 19,61,555.00
Sundry Deposit	₹ 23,47,500.00	₹ 0.00
Total	₹ 2,14,84,606.00	₹ 54,93,442.00
ii. Fixed Assets		
Intangible Assets	₹ 12,18,220.00	₹ 25,278.00
Small Value Assets	₹ 0.00	₹ 2,300.00
Tangible Assets	₹ 2,53,62,331.00	₹ 44,00,559.00
Total	₹ 2,65,80,551.00	₹ 44,28,137.00
iii. Investments		
FD (39003226303)	₹ 0.00	₹ 1,99,00,000.00
FD (39003228061)	₹ 0.00	₹ 1,99,00,000.00
FD (39003228389)	₹ 0.00	₹ 1,99,00,000.00
FD (39003231641)	₹ 0.00	₹ 1,99,00,000.00
FD (39003231834)	₹ 0.00	₹ 1,99,00,000.00
Total	₹ 0.00	₹ 9,95,00,000.00
iv. Current Assets		



Loans & Advances (Asset)	₹ 16,37,14,506.00	₹ 1,29,08,327.75
Sundry Debtors	₹ 13,74,162.00	₹ 0.00
Fixed Deposit	₹ 9,08,30,000.00	₹ 0.00
NIT Jamshedpur	₹ 0.00	₹ 1,29,537.00
Deposits (Asset)	₹ 0.00	₹ 1,42,980.00
Total	₹ 25,59,18,668.00	₹ 1,31,80,844.75
v. Direct Incomes (Income (Direct))		
Academic Receipt	₹ 3,06,987.00	₹ 18,75,000.00
vi. Indirect Incomes (Income (Indirect))		
Other Income	₹ 181.00	₹ 2,130.00
vii. Indirect Expenses (Expenses (Indirect))		
Academic Expenses	₹ 51,20,093.00	₹ 30,08,727.00
Administrative & General Expenses	₹ 30,76,029.00	₹ 23,45,883.00
Finance Cost	₹ 70,859.08	₹ 3,798.34
Repairs & Maintenance	₹ 7,07,437.00	₹ 3,59,542.00
Staff Payment & Benefit (Establishment Exp.)	₹ 2,95,61,928.00	₹ 1,83,21,491.00
Transportation Exp.	₹ 5,72,285.00	₹ 6,00,567.00
Total	₹ 3,91,08,631.08	₹ 2,46,40,008.34
viii. Closing Balance		
Current A/c (39114253842)	₹ 84,52,035.69	₹ 4,84,280.69
SBI Main A/c (35551469248)	₹10,17,93,989.80	₹11,74,73,686.52
Student Fee Receipt (39532855953)	₹ 3,47,57,199.32	₹ 0.00
Total	₹ 14,50,03,224.81	₹ 11,79,57,967.21
Total Payment	₹ 48,84,02,848.89	₹ 26,70,77,529.30

**SCHEDULES: BALANCE SHEET FOR THE FY 2020-21****SCHEDULE 1 - CORPUS / CAPITAL FUND**

(Amount in ₹)

1	Particulars	Current Year 2020-21	Previous Year 2019-20
1.01	Corpus Fund/ Capital Fund:		
1.02	Balance at the beginning of the year	₹ 15,63,14,158.22	₹ 7,93,98,227.05
1.03	Add: Cap-Grant to the extent utilized for Cap. Exp.	₹ 4,22,29,599.00	₹ 44,04,837.00
1.04	Add: Cap-Grant to the extent utilized for Cap. Exp. For the FY 2019-20 which was not taken into account	₹ 2,300.00	₹ 0.00
1.05	Add: Excess of Income over Expenditure	₹ 5,79,26,510.12	₹ 7,25,11,094.17
1.06	Total	₹ 25,64,72,567.34	₹ 15,63,14,158.22
1.07	Less: Deficit trf from the Income & Expenditure A/c	₹ 0.00	₹ 0.00
1.08	Balance at the year end	₹ 25,64,72,567.34	₹ 15,63,14,158.22

SCHEDULE 2 - DESIGNATED/EARMARKED/ENDOWMENT FUNDS/GRANT & LOAN

(Amount in ₹)

2	Particulars	Current Year 2020-21	Previous Year 2019-20
2.01	Total	₹ 0.00	₹ 0.00



SCHEDULE 3 - CURRENT LIABILITIES & PROVISIONS

(Amount in ₹)

3	Particulars			Current Year 2020-21	Previous Year 2019-20
3.01	A.	Current Liabilities:			
3.02		(i)	Sundry Creditors		
3.03			Paradise Decor	₹ 2,48,951.00	₹ 0.00
3.04			Satyendra Kumar Singh	₹ 79,747.00	₹ 0.00
3.05			Shiva Protection Force Pvt. Ltd	₹ 9,48,417.00	₹ 0.00
3.06			Total (i)	₹ 12,77,115.00	₹ 0.00
3.07		(ii)	Sundry Deposits		
3.08			Caution money payable	₹ 51,20,000.00	₹ 32,60,000.00
3.09			Excess Fee Paid	₹ 6,79,514.32	₹ 0.00
3.10			Security Deposit (Excell Technologies)	₹ 78,620.00	₹ 0.00
3.11			EMD Deposit	₹ 5,80,000.00	₹ 30,000.00
3.12			PBG	₹ 5,96,614.00	₹ 0.00
3.13			Total (ii)	₹ 70,54,748.32	₹ 32,90,000.00
3.14		(iii)	Statutory Payable		
3.15		(a)	PF subscription	₹ 1,05,000.00	₹ 1,26,000.00
3.16		(b)	TDS Payable	₹ 0.00	₹ 1,09,994.00
3.17		(c)	TDS Under GST	₹ 0.00	₹ 15,841.00
3.18		(d)	Professional Tax	₹ 50,214.00	₹ 25,015.00
3.19		(e)	NPS Subscription	₹ 0.00	₹ 17,89,149.00
3.20		(e)	(i) NPS Employee Contribution (2020-21)	₹ 76,991.00	₹ 0.00
3.21		(e)	(ii) NPS Employer Contribution (2020-21)	₹ 1,09,911.00	₹ 0.00
3.22			Total (iii)	₹ 3,42,116.00	₹ 20,65,999.00



3.23	(iv)	Other Current Liabilities		
3.24		Advertisement & Publication Exp. Payable (2020-21)	₹ 22,601.00	₹ 0.00
3.25		AICTE Training and Learning	₹ 2,000.00	₹ 0.00
3.26		Club Subscriptions	₹ 0.00	₹ 100.00
3.27		Infotech Club	₹ 35,000.00	₹ 0.00
3.28		Life Insurance	₹ 0.00	₹ 2,800.00
3.29		Medical Subscription	₹ 0.00	₹ 500.00
3.30		Membership Exp. Payable	₹ 8,038.00	₹ 0.00
3.31		Other Recovery	₹ 35,397.00	₹ 49,454.00
3.32		PC Advance	₹ 0.00	₹ 2,000.00
3.33		Salary Payable (2020-21)	₹ 91,996.00	₹ 0.00
3.34		Scholarship	₹ 1,92,000.00	₹ 80,000.00
3.35		Stipend to M.Tech Student Payable (2020-21)	₹ 1,46,320.00	₹ 0.00
3.36		Stipend to Ph.D Student Payable	₹ 1,24,000.00	₹ 0.00
3.37		Suspense		₹ 0.00
3.38		Travelling and Conveyance Expenses Payable	₹ 1,392.00	₹ 0.00
3.39		Total (iv)	₹ 6,58,744.00	₹ 1,34,854.00

3.40		Total (A) (i+ii+iii+iv)	₹ 93,32,723.32	₹ 54,90,853.00
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3.41	B.	Provisions		
3.42		Total (B)	₹ 0.00	₹ 0.00



3.43	C.	Unutilised Grant		
3.44	(i)	Plan Grant		
3.45		Balance at the beginning of year (OH35)	₹ 6,58,10,873.00	₹ 2,90,15,710.00
3.46		Balance at the beginning of year (CCL)	₹ 3,20,00,000.00	₹ 3,20,00,000.00
3.47		Balance at the beginning of year (State Govt.))	₹ 7,44,30,000.00	₹ 7,44,30,000.00
3.48		Balance at the beginning of year (Tata Technologies)	₹ 4,70,00,000.00	₹ 4,70,00,000.00
3.49		Total (i)	₹ 21,92,40,873.00	₹ 18,24,45,710.00
3.50	(ii)			
3.51		Add: Capital Grant received during F.Y 2020-21(OH35)	₹ 4,00,00,000.00	₹ 4,12,00,000.00
3.52		Add: Capital Grant received during F.Y 2020-21 (State Govt.)	₹ 21,00,00,000.00	₹ 0.00
3.53		Add: Capital Grant received during F.Y 2020-21 (Tata Technologies.)	₹ 1,40,00,000.00	₹ 0.00
3.54		Add: Capital Grant received during F.Y 2020-21 (CCL)	₹ 0.00	₹ 0.00
3.55		Total (ii)	₹ 26,40,00,000.00	₹ 4,12,00,000.00
3.56	(iii)			
3.57		Less: Payment for capital assets (2020-21)	₹ 4,22,29,599.00	₹ 44,04,837.00
3.58		Less: Payment for capital assets (2019-20)	₹ 2,300.00	₹ 0.00
3.59		Total (C)(i + ii + iii)	₹ 44,10,08,974.00	₹ 21,92,40,873.00
3.60		GRAND TOTAL (A+B+C)	₹ 45,03,41,697.32	₹ 22,47,31,726.00

SCHEDULE 4 - FIXED ASSETS

(Amount in ₹)

4	ASSET HEADS	GROSS BLOCK				DEPRECIATION FOR THE YEAR 2020-21					NET BLOCK	
		OP. BAL 01.04.20	ADDITIONS	DED	CL. BAL.	DEP %	DEP OP BAL	DEP FOR THE YR	DED/ ADJ	TOTAL DEP	31.3.2021	31.3.2020
4.01	Land	₹ 1,78,260.00			₹ 1,78,260.00	0	₹ 0.00	₹ 0.00	-	₹ 0.00	₹ 1,78,260.00	₹ 1,78,260.00
4.02	Electrical Installation & Equipment	₹ 35,500.00	₹ 3,37,653.00		₹ 3,73,153.00	5	₹ 1,775.00	₹ 16,882.65	-	₹ 18,657.65	₹ 3,54,495.35	₹ 33,725.00
4.03	Plant & Machinery		₹ 7,53,017.00		₹ 7,53,017.00	5		₹ 37,650.85	-	₹ 37,650.85	₹ 7,15,366.15	-
4.04	Scientific & Laboratory Equipment	₹ 16,42,512.00	₹ 1,32,79,339.00		₹ 1,49,21,851.00	8	₹ 1,31,400.96	₹ 10,62,347.12	-	₹ 11,93,748.08	₹ 1,37,28,102.92	₹ 15,11,111.04
4.05	Office Equipment	₹ 1,61,595.00	₹ 38,553.00		₹ 2,00,148.00	8	₹ 12,119.63	₹ 2,891.48	-	₹ 15,011.11	₹ 1,85,136.89	₹ 1,49,475.37
4.06	Audio Visual Equipment	₹ 24,600.00	₹ 10,66,085.00		₹ 10,90,685.00	8	₹ 1,845.00	₹ 79,956.38	-	₹ 81,801.38	₹ 10,08,883.62	₹ 22,755.00
4.07	Computers & Peripherals	₹ 6,61,748.00	₹ 1,47,01,501.00		₹ 1,53,63,249.00	20	₹ 1,32,349.60	₹ 29,40,300.20	-	₹ 30,72,649.80	₹ 1,22,90,599.20	₹ 5,29,398.40
4.08	Furniture Fixtures & Fittings	₹ 24,22,134.00	₹ 13,94,033.00		₹ 38,16,167.00	8	₹ 2,37,669.35	₹ 1,04,552.48		₹ 3,42,221.83	₹ 34,73,945.17	₹ 21,84,464.65
4.09	Lib. Books & Scientific Journals	₹ 0.00	₹ 6,83,510.00		₹ 6,83,510.00	10	₹ 0.00	₹ 68,351.00	-	₹ 68,351.00	₹ 6,15,159.00	₹ 0.00
4.10	TOTAL (A)	₹ 51,26,349.00	₹ 3,22,53,691.00		₹ 3,73,80,040.00		₹ 5,17,159.54	₹ 43,12,932.16		₹ 48,30,091.70	₹ 3,25,49,948.30	₹ 46,09,189.46

4.11	Capital Work in Progress (B)		₹ 87,57,688.00		₹ 87,57,688.00			₹ 0.00			₹ 87,57,688.00	
4.12	INTANGIBLE ASSETS	OP. BAL 01.04.2020	ADDITIONS	DED	CL. BALANCE	DEP %	DEP OP BAL	AMORTISATION FOR THE YEAR	DED/ ADJ	TOTAL AMORTIZATION	31.03.2021	31.3.2020
4.13	Computer Software	₹ 25,278.00	₹ 12,18,220.00		₹ 12,43,498.00	40	₹ 10,111.20	₹ 4,87,288.00		₹ 4,97,399.20	₹ 7,46,098.80	₹ 15,166.80
4.14	E-Journals	₹ 0.00	₹ 0.00		₹ 0.00	40	₹ 0.00	₹ 0.00		₹ 0.00	₹ 0.00	₹ 0.00
4.15	Patents	₹ 0.00	₹ 0.00		₹ 0.00	9 YRS	₹ 0.00	₹ 0.00		₹ 0.00	₹ 0.00	₹ 0.00
4.16	TOTAL (C)	₹ 25,278.00	₹ 12,18,220.00		₹ 12,43,498.00		₹ 10,111.20	₹ 4,87,288.00		₹ 4,97,399.20	₹ 7,46,098.80	₹ 15,166.80
4.17	GRAND TOTAL (A+B+C)	₹ 51,51,627.00	₹ 4,22,29,599.00		₹ 3,86,23,538.00		₹ 5,27,270.74	₹ 48,00,220.16		₹ 53,27,490.90	₹ 4,20,53,735.10	₹ 46,24,356.26



SCHEDULE 5 - INVESTMENTS

(Amount in ₹)

5	Particulars	Current Year 2020-21	Previous Year 2019-20
5.01	F.D. (37969911351)	₹ 0.00	₹ 1,44,30,000.00
5.02	F.D. (37969927791)	₹ 0.00	₹ 1,00,00,000.00
5.03	F.D. (37969928343)	₹ 0.00	₹ 1,00,00,000.00
5.04	F.D. (37969928784)	₹ 0.00	₹ 1,00,00,000.00
5.05	F.D. (37969929630)	₹ 0.00	₹ 1,00,00,000.00
5.06	F.D. (37969930099)	₹ 0.00	₹ 1,00,00,000.00
5.07	F.D. (37969937379)	₹ 0.00	₹ 1,00,00,000.00
5.08	F.D. (37969938894)	₹ 0.00	₹ 1,35,70,000.00
5.09	F.D. (37969939285)	₹ 0.00	₹ 1,00,00,000.00
5.10	F.D. (37969939831)	₹ 0.00	₹ 1,00,00,000.00
5.11	F.D. (37969946044)	₹ 0.00	₹ 1,00,00,000.00
5.12	F.D. (37969946838)	₹ 0.00	₹ 1,20,00,000.00
5.13	F.D. (39003226303)	₹ 0.00	₹ 1,99,00,000.00
5.14	F.D. (39003228061)	₹ 0.00	₹ 1,99,00,000.00
5.15	F.D. (39003228389)	₹ 0.00	₹ 1,99,00,000.00
5.16	F.D. (39003231641)	₹ 0.00	₹ 1,99,00,000.00
5.17	F.D. (39003231834)	₹ 0.00	₹ 1,99,00,000.00
5.18	TOTAL	₹ 0.00	₹ 22,95,00,000.00

SCHEDULE 6 - INVESTMENTS- OTHERS

(Amount in ₹)

6	Particulars	Current Year 2020-21	Previous Year 2019-20
6.01		₹ 0.00	₹ 0.00
6.02	TOTAL	₹ 0.00	₹ 0.00

SCHEDULE -7 CURRENT ASSETS

(Amount in ₹)

7	Particulars	Current Year 2020-21	Previous Year 2019-20
7.01	A. Bank balance with schedule bank		
7.02	SBI Saving Bank (35551469248)	₹ 10,17,93,989.80	₹ 11,74,73,686.52
7.03	SBI Current Account (39114253842)	₹ 84,52,035.69	₹ 4,84,280.69
7.04	SBI Student fee receipt account (39532855953)	₹ 3,47,57,199.32	
7.05	Total (A)	₹ 14,50,03,224.81	₹ 11,79,57,967.21
7.06	B. In term deposit accounts		
7.07	F.D. (37969911351)	₹ 1,64,41,888.00	₹ 0.00
7.08	F.D. (37969927791)	₹ 1,13,94,240.00	₹ 0.00
7.09	F.D. (37969928343)	₹ 1,13,94,240.00	₹ 0.00
7.10	F.D. (37969928784)	₹ 1,13,94,240.00	₹ 0.00
7.11	F.D. (37969929630)	₹ 1,13,94,240.00	₹ 0.00
7.12	F.D. (37969930099)	₹ 1,13,94,240.00	₹ 0.00
7.13	F.D. (37969937379)	₹ 1,13,94,240.00	₹ 0.00
7.14	F.D. (37969938894)	₹ 1,54,61,984.00	₹ 0.00
7.15	F.D. (37969939285)	₹ 1,13,94,240.00	₹ 0.00
7.16	F.D. (37969939831)	₹ 1,13,94,240.00	₹ 0.00
7.17	F.D. (37969946044)	₹ 1,13,94,240.00	₹ 0.00
7.18	F.D. (37969946838)	₹ 1,36,73,088.00	₹ 0.00
7.19	F.D. (39003226303)	₹ 2,11,73,205.00	₹ 0.00
7.20	F.D. (39003228061)	₹ 1,99,00,000.00	₹ 0.00
7.21	F.D. (39003228389)	₹ 1,99,00,000.00	₹ 0.00
7.22	F.D. (39003231641)	₹ 1,99,00,000.00	₹ 0.00
7.23	F.D. (39003231834)	₹ 2,11,73,205.00	₹ 0.00



7.24		F.D. (39532849064)	₹ 58,30,000.00	₹ 0.00
7.25		F.D. (39803001458)	₹ 1,50,00,000.00	₹ 0.00
7.26		F.D. (39803129242)	₹ 1,50,00,000.00	₹ 0.00
7.27		F.D. (39803129810)	₹ 1,50,00,000.00	₹ 0.00
7.28		F.D. (39803130687)	₹ 1,25,00,000.00	₹ 0.00
7.29		F.D. (39803131262)	₹ 1,25,00,000.00	₹ 0.00
7.30		F.D. (39803145425)	₹ 1,51,44,247.00	₹ 0.00
7.31		Total (B)	₹ 34,11,45,777.00	₹ 0.00
7.32	C.	Sundry Debtors		
7.33		NIT Jamshedpur		
7.34		Opening Balance	₹ 15,36,903.00	₹ 14,07,366.00
7.35		Add: Paid During the year	₹ 0.00	₹ 1,29,537.00
7.36		Total (C)	₹ 15,36,903.00	₹ 15,36,903.00
7.37	D.	Accrued Income		
7.38		Opening Balance	₹ 1,52,19,480.00	₹ 41,15,250.00
7.39		Interest accrued on FD during the year	₹ 97,18,806.00	₹ 1,11,04,230.00
7.40		Less: Accrued interest already booked of FD which is matured during the year	₹ 1,41,32,202.00	₹ 0.00
7.41		Total (D)	₹ 1,08,06,084.00	₹ 1,52,19,480.00
7.42		TOTAL (A+B+C+D)	₹ 49,84,91,988.81	₹ 13,47,14,350.21

SCHEDULE 8 - LOANS, ADVANCES & DEPOSITS

(Amount in ₹)

8		Particulars	Current Year 2020-21	Previous Year 2019-20
8.01	A.	Advance to Employees (NonInterest Bearing)		
8.02		Outstanding balance as on 01.04.2020	₹ 4,70,596.00	₹ 2,19,800.00
8.03		Add: Paid during the year	₹ 5,25,077.00	₹ 8,08,921.00
8.04		Less: Adjusted during the year	₹ 8,95,455.00	₹ 5,58,125.00
8.05		Total (A)	₹ 1,00,218.00	₹ 4,70,596.00
8.06	B.	Deposits		
8.07		Outstanding balance as on 01.04.2020	₹ 1,15,39,385.00	₹ 0.00
8.08		Add: Paid during the year		
8.09		Adv to CPWD (Boundary wall)	₹ 1,96,93,029.00	₹ 1,15,39,385.00
8.10		Adv to CPWD (Const, of Building)	₹ 12,72,63,000.00	₹ 0.00
8.11		Adv to CPWD - Furniture	₹ 1,62,33,400.00	₹ 0.00
8.12		Total	₹ 17,47,28,814.00	₹ 1,15,39,385.00
8.13		Less: Transferred to WIP		
8.14		Adv to CPWD (Boundary wall)	₹ 87,57,688.00	₹ 0.00
8.15		Total(B)	₹ 16,59,71,126.00	₹ 1,15,39,385.00
8.16	C.	Advance to Others		
8.17		Outstanding balance as on 01.04.2020	₹ 1,97,196.75	₹ 0.00
8.18		Add: Paid during the year	₹ 0.00	₹ 1,97,196.75
8.19		Less: Adjusted during the year	₹ 0.00	₹ 0.00
8.20		Total(C)	₹ 1,97,196.75	₹ 1,97,196.75
8.21		TOTAL (A+B+C)	₹ 16,62,68,540.75	₹ 1,22,07,177.75



SCHEDULES: INCOME & EXPENDITURE FOR THE FY 2020-21

SCHEDULE 9 - ACADEMIC RECEIPTS

(Amount in ₹)

9	Particulars	Current Year 2020-21	Previous Year 2019-20
9.01	FEES FROM STUDENT		
9.02	A. Academic		
9.03	Tuition fee	₹ 5,72,53,500.00	₹ 4,91,73,419.00
9.04	B. Institute Fee		
9.05	Bus Charges Fee	₹ 2,49,500.00	₹ 6,62,000.00
9.06	Computer and Internet Fee	₹ 2,49,500.00	₹ 6,62,000.00
9.07	Cultural and Technical Fee	₹ 3,55,500.00	₹ 9,93,000.00
9.08	Digital Campus Fee	₹ 16,39,500.00	₹ 13,40,000.00
9.09	Examinations Fee	₹ 4,40,000.00	₹ 3,31,500.00
9.10	Library Fee	₹ 4,64,000.00	₹ 13,24,000.00
9.11	Medical Insurance Fee	₹ 4,24,000.00	₹ 3,31,000.00
9.12	Sports Fee	₹ 2,48,500.00	₹ 6,62,000.00
9.13	Student Wellness Fee	₹ 1,34,000.00	₹ 3,31,000.00
9.14	Training and Placement Fee	₹ 4,21,500.00	₹ 3,75,500.00
9.15	Total(B)	₹ 46,26,000.00	₹ 70,12,000.00
9.16	C. Hostel Fee		
9.17	Electric Charges Fee	₹ 34,500.00	₹ 9,45,000.00
9.18	Hostel Establishment Fee	₹ 41,71,900.00	₹ 43,06,000.00
9.19	Hostel Room Rent Fee	₹ 1,51,600.00	₹ 37,12,000.00
9.20	Water Charges Fee	₹ 11,500.00	₹ 3,15,500.00
9.21	Total(C)	₹ 43,69,500.00	₹ 92,78,500.00
9.22	D. Other Fees		
9.23	Admission Fee	₹ 2,22,500.00	₹ 2,000.00
9.24	Admission Processing Fee	₹ 0.00	₹ 1,15,000.00
9.25	Alumni Membership fee	₹ 2,76,000.00	₹ 2,02,000.00
9.26	Recruitment Application Fee	₹ 1,94,500.00	₹ 4,67,550.00
9.27	Late Fine	₹ 5,000.00	
9.28		₹ 6,98,000.00	₹ 7,86,550.00
9.29	Less: Library Book Fine	₹ 23,859.00	₹ 0.00
9.30	Total (D)	₹ 6,74,141.00	₹ 7,86,550.00
9.31	Grand Total (A+B+C+D)	₹ 6,69,23,141.00	₹ 6,62,50,469.00

SCHEDULE 10- GRANTS {SUBSIDIES {IRREVOCABLE GRANTS RECEIVED}

(Amount in ₹)

10	Particulars	Current Year 2020-21	Previous Year 2019-20
10.01	Grant Received from Govt, of India		
10.02	Revenue Grant (Recurring)	₹ 2,24,00,000.00	₹ 1,33,00,000.00
10.03	TOTAL	₹ 2,24,00,000.00	₹ 1,33,00,000.00

SCHEDULE 11 - INCOME FROM INVESTMENTS

(Amount in ₹)

11	Particulars	Current Year 2020-21	Previous Year 2019-20
11.01	Interest on Fixed Deposit	₹ 0.00	₹ 1,11,04,230.00
11.02	TOTAL	₹ 0.00	₹ 0.00

SCHEDULE 12 - INTEREST EARNED

(Amount in ₹)

12	Particulars	Current Year 2020-21	Previous Year 2019-20
12.01	Interest on Saving Bank Account (35551469248)	₹ 20,61,717.00	₹ 44,32,882.00
12.02	Interest on Student Fee Account (39532855953)	₹ 2,82,085.00	₹ 0.00
12.03	Interest on Fixed Deposit	₹ 1,64,02,381.00	₹ 0.00
12.02	TOTAL	₹ 1,87,46,183.00	₹ 44,32,882.00



SCHEDULE 13 - OTHER INCOME

(Amount in ₹)

13	Particulars	Current Year 2020-21	Previous Year 2019-20
13.01	Misc. Income	₹ 5,158.00	₹ 65,749.00
13.02	License Fee	₹ 5,71,772.00	₹ 45,030.00
13.03	Institutional Charges	₹ 11,819.00	₹ 0.00
13.04	Interest on Income Tax Refund	₹ 0.00	₹ 20,570.00
13.05	Elec. Charges	₹ 29,312.00	₹ 0.00
13.05	TOTAL	₹ 6,18,061.00	₹ 1,31,349.00

SCHEDULE 15 - STAFF PAYMENTS & BENEFITS (ESTABLISHMENT EXPENSES)

(Amount in ₹)

15	Particulars		Current Year 2020-21	Previous Year 2019-20
15.01	a)	Salary and Wages		
15.02		Contractual (Non-Teaching)	₹ 30,10,068.00	₹ 8,70,574.00
15.03		Contractual (Teaching)	₹ 64,40,728.00	₹ 37,31,719.00
15.04		Regular (Non-Teaching)	₹ 78,88,170.00	₹ 21,57,191.00
15.05		Regular (Teaching)	₹ 56,83,550.00	₹ 83,40,167.00
15.06		Skilled/Unskilled Worker	₹ 0.00	₹ 16,87,550.00
15.07		Skilled/Unskilled Wages	₹ 81,54,332.00	₹ 0.00
15.08		Security Charges (Home Guard)	₹ 10,25,279.00	₹ 0.00
15.09		Arrear on Salary	₹ 0.00	₹ 2,24,968.00
15.10		Leave Salary & Pension Contribution	₹ 10,40,339.00	₹ 10,67,458.00
15.11	b)	Allowances & Bonus		
15.12		TA to External Expert/ Examiners/ Officials	₹ 0.00	₹ 36,279.00
15.13		TA to Institute Employees	₹ 0.00	₹ 11,55,789.00
15.14	c)	Contribution to NPS	₹ 13,06,738.00	₹ 9,78,230.00
15.15	d)	Children Education Allowance	₹ 1,08,000.00	₹ 66,774.00
15.16	e)	LTC	₹ 2,71,243.00	₹ 0.00
15.17		TOTAL	₹ 3,49,28,447.00	₹ 2,03,16,699.00



SCHEDULE 16 - ACADEMIC EXPENSES

(Amount in ₹)

16	Particulars	Current Year 2020-21	Previous Year 2019-20
16.01	Expenses on Seminar, Workshop & Training	₹ 2,22,251.00	₹ 99,979.00
16.02	Honorarium to Visiting Faculty & Others	₹ 9,27,416.00	₹ 15,01,375.00
16.03	Student Welfare Expenses	₹ 2,15,388.00	₹ 3,49,840.00
16.04	Admission Expenses	₹ 1,65,055.00	₹ 43,646.00
16.05	Stipend / means-cum-merit scholarship	₹ 24,32,053.00	₹ 7,44,000.00
16.06	Students Insurance Premium	₹ 3,58,340.00	₹ 2,84,625.00
16.07	Events National/ Raj bhasha/ Others	₹ 1,24,976.00	₹ 1,37,880.00
16.08	Hostel Mess advance fee	₹ 11,63,000.00	₹ 0.00
16.09	Internship Exp.	₹ 0.00	₹ 15,000.00
16.10	Training & Placement Exp.	₹ 33,178.00	₹ 39,834.00
16.11	Interview Exp.	₹ 0.00	₹ 1,63,495.00
16.10	TOTAL	₹ 56,41,657.00	₹ 33,79,674.00

SCHEDULE 17 - ADMINISTRATIVE AND GENERAL EXPENSES

(Amount in ₹)

17	Particulars		Current Year 2020-21	Previous Year 2019-20
17.01	A.	Infrastructure		
17.02	a)	Electricity & Power -	₹ 7,00,204.00	₹ 6,38,769.00
17.03	b)	Rent, Rates & Taxes		₹ 74,340.00
17.04	c)	Security Charges	₹ 0.00	₹ 6,61,650.00
17.05		Sub-Total	₹ 7,00,204.00	₹ 13,74,759.00
17.06	B.	Communication		-
17.07	d)	Telephone, Fax & Internet Charges	₹ 10,62,657.00	₹ 1,83,259.00
17.08		Sub-Total	₹ 10,62,657.00	₹ 1,83,259.00
17.09	C.	Others		-
17.10		Advertisement and Publication	₹ 3,43,103.00	₹ 3,16,638.00
17.11		Printing & Stationery	₹ 3,99,830.00	₹ 1,28,070.00
17.12		Travelling Expenses	₹ 15,345.00	₹ 0.00
17.13		Meeting Expenses	₹ 1,30,854.00	₹ 3,21,855.00
17.14		Misc Expenses	₹ 40,484.00	₹ 18,317.00
17.15		Hospitality	₹ 19,482.00	₹ 1,66,707.00
17.16		Magazines & Journals	₹ 15,524.00	₹ 1,909.00
17.17		Medical Expenses	₹ 46,833.00	₹ 0.00
17.18		Membership Expenses	₹ 1,08,038.00	₹ 0.00
17.19		Professional Charges	₹ 24,190.00	₹ 75,520.00
17.20		Fooding & Lodging Exp.	₹ 11,010.00	₹ 30,922.00
17.21		Expenses for expert (Honorarium)	₹ 1,26,125.00	₹ 10,642.00
17.22		Recruitment Expenses	₹ 9,585.00	₹ 1,80,969.00
17.23		DOC Expenses	₹ 3,10,006.00	₹ 1,52,002.00
17.24		Sub-Total	₹ 16,00,409.00	₹ 14,03,551.00
17.25		Total (A+B+C)	₹ 33,63,270.00	₹ 29,61,569.00



SCHEDULE 18 - TRANSPORTATION EXPENSES

(Amount in ₹)

18	Particulars	Current Year 2020-21	Previous Year 2019-20
18.01	Vehicle Hire Charges	₹ 9,66,499.00	₹ 0.00
18.02	TOTAL	₹ 9,66,499.00	₹ 0.00

SCHEDULE 19 - REPAIRS AND MAINTENANCE

(Amount in ₹)

19	Particulars	Current Year 2020-21	Previous Year 2019-20
19.01	Sanitation and Cleaning	₹ 2,68,786.00	₹ 35,391.00
19.02	Repair and Maintenance	₹ 47,554.00	₹ 2,39,375.00
19.03	Campus maintenance Exp.	₹ 74,805.00	₹ 34,244.00
19.04	Gardening Exp.	₹ 3,700.00	₹ 15,000.00
19.05	Running & Maintenance Exp	₹ 4,41,746.00	₹ 2,37,357.00
19.06	Electrical Installation & Equipment Exps	₹ 1,53,334.00	₹ 0.00
19.07	TOTAL	₹ 9,89,925.00	₹ 5,61,367.00

SCHEDULE 20 - FINANCE COST

(Amount in ₹)

20	Particulars	Current Year 2020-21	Previous Year 2019-20
20.01	Bank Charges	₹ 39,679.72	₹ 3,798.34
20.02	Mis Charges	₹ 29,864.00	₹ 0.00
20.03	NPS Service Charges	₹ 1,313.00	₹ 0.00
20.04	TOTAL	₹ 70,856.72	₹ 3,798.34

06.08.2021
Junior Assitant(Accounts)

06/8/21
Dy. Registrar (F&A)

06/8/21
Registrar

06.8.2021
Director

SCHEDULE - 23: SIGNIFICANT ACCOUNTING POLICIES

1. Basis for preparation of accounts:

- The accounts are prepared under the Historical Cost Convention and generally on the Accrual method of accounting.

2. Revenue Recognition:

- Fees from students are accounted on realization basis.
- Interest on Fixed Deposit are accounted on accrual basis.

3. Fixed Assets and Depreciation

- Fixed assets are stated at cost of acquisition including inward freight, duties and taxes and incidental and direct expenses related to acquisition, installation and commissioning.
- Fixed assets are valued at cost less accumulated depreciation. Assets procured at any point of time during the year has been depreciated for the full year. Depreciation on fixed assets is provided on Straight Line Method basis. The depreciation for assets has been debited to the capitalized fund for assets account at the same rate applicable for the respective assets head.
- Depreciation is provided for the whole year on additions during the year.
- The rate of depreciation as per MHRD accounting format are as follows:

SI No	Asset's Name	Rate of Depreciation %
A	Tangible Assets	
1	Land	0%
2	Site Development	0%
3	Building	2%
4	Road & Bridges	2%
5	Tube Well & Water Supply Equipment	2%
6	Sewerage & Drainage	2%
7	Electrical Installation & Equipment	5%
8	Plant & Machinery	5%
9	Scientific & Laboratory Equipment	8%
10	Office Equipment	7.5%
11	Audio Visual Equipment	7.5%
12	Computers & Peripherals	20%
13	Furniture, Fixtures & Fittings	7.5%
14	Vehicles	10%
15	Library Books & Scientific Journals	10%
B	Intangible Assets	
16	E Journals	40%
17	Computer Software	40%
18	Patents & Copyrights	9 Years

4. Stocks:

Inventories purchased by various departments/sections are treated as consumed during the year of purchase and booked to revenue expenditure.

5. Income Tax:

The income of the institute is exempted from Income Tax under section 10(23C)(iii ab) of the Income Tax Act. Therefore, no provision of Tax is made in the accounts.



SCHEDULE - 24: NOTES TO ACCOUNTS

1. Basis for preparation of accounts:

The accounts are prepared under the Historical Cost Convention and generally on the Accrual method of accounting.

2. Revenue Recognition:

Fees from students are accounted on realization basis.

3. Contingent liabilities: Nil

4. Capital Commitment:

The gross value of construction work is being executed by CPWD the estimated value of which is Rs 138.80 crores.

5. Pay and Allowances:

Under the accrual system of accounting, a provision has been made for the salary and some other expenses of March 2021 in the books of accounts as on 31.03.2021.

6. Current assets loans and advances:

In the opinion of the Institute the current assets and deposits have a value on realization in the ordinary course equal at least to the aggregate amount shown in the balance sheet.

7. All figures mentioned in the annual accounts are in Rupees.

Scheduled **01 to 22** is annexed to form an integral part of the Balance Sheet as at 31.03.2021 and the Income & Expenditure for the year ended on that date.

1. Total 66.14 acre land has been allotted free of cost by the government of Jharkhand and handed over on 13.02.2019.
2. Capital Grant to the extent utilized for Capital Expenditure for the P.Y 2019-20 which is not taken into account has been added towards the utilization of capital expenditure in schedule 1.
3. As per separate audit report 2019-20, grant received shall not be reckoned as part of earmarked fund. Accordingly, it is shown under the head current liabilities.

4. Capital & Revenue Grant:

The Details of Capital and Revenue Grant received during FY 2020-21 is as under -

A) CAPITAL GRANT RECEIVED

Sanction letter no.	Date of Sanction Letter	Date of received in bank account	Amount in ₹
55-5/2020-TS-I	20.07.2020	31.07.2020	₹ 85,00,000.00
55-5/2020-TS-I	20.07.2020	31.07.2020	₹ 10,00,000.00
55-5/2020-TS-I	20.07.2020	03.08.2020	₹ 5,00,000.00
55-5/2020-TS-I	10.11.2020	01.12.2020	₹ 5,00,000.00
55-5/2020-TS-I	10.11.2020	01.12.2020	₹ 80,00,000.00
55-5/2020-TS-I	10.11.2020	01.12.2020	₹ 15,00,000.00



55-5/2020-TS-I	22.12.2020	31.12.2020	₹	1,00,00,000.00
55-5/2020-TS-I	12.02.2021	26.02.2021	₹	1,00,00,000.00
NA	NA	31.03.2021	₹	21,00,00,000.00
NA	NA	11.03.2021	₹	1,40,00,000
		Total	₹	26,40,00,00,000

B) REVENUE GRANT RECEIVED

Date of Sanction Letter	Date of Sanction Letter	Date of received in bank account	Amount in ₹
55-5/2020-TS-I	22.06.2020	01.07.2020	₹ 54,00,000.00
55-5/2020-TS-I	20.07.2020	31.07.2020	₹ 37,00,000.00
55-5/2020-TS-I	20.07.2020	30.07.2020	₹ 8,00,000.00
55-5/2020-TS-I	20.07.2020	30.07.2020	₹ 5,00,000.00
55-5/2020-TS-I	10.11.2020	01.12.2020	₹ 50,00,000.00
55-5/2020-TS-I	22.12.2020	01.01.2021	₹ 50,00,000.00
55-5/2020-TS-I	12.02.2021	20.02.2021	₹ 20,00,000.00
		Total	₹ 2,24,00,00,000

C) DETAILS OF FUND

TOTAL CAPITAL COST: - Rs. 128 Crore						
SN	—	MHRD	Govt of Jharkhand	Tata Technologies Limited (T.T.L)	Tata Consultancy Services (T.C.S)	Central Coalfields Limited (CCL)
Contributions		50%	35%	5%	5%	5%
(a)	Amount required to be contributed (in crore):	64	44.8	6.4	6.4	6.4
(b)	Amount given till date (in crore):	17.67	28.44	6.1	0	3.2
(c)	Amount Required to be given (in crore):	46.33	16.36	0.3	6.4	3.2

12. Previous year figures have been regrouped/re-arranged wherever necessary.

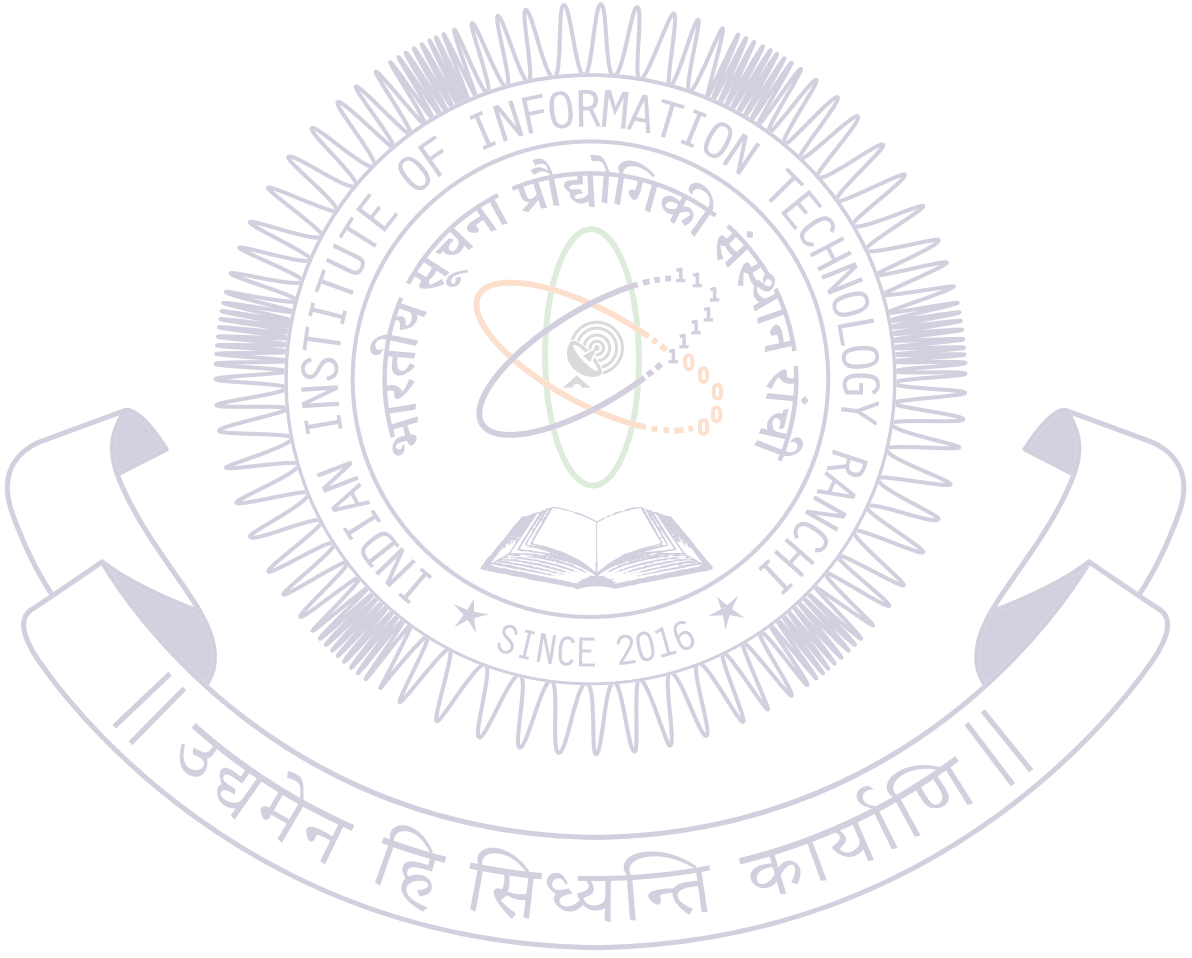
06.08.2021
Junior Assistant(Accounts)

08/8/21
Dy. Registrar (F&A)

08/8/21
Registrar

6.8.2021
Director

11. AUDIT REPORT



भारतीय लेखापरीक्षा और लेखा विभाग

कार्यालय महानिदेशक लेखापरीक्षा (केन्द्रीय). लखनऊ



सत्यमेव जयते

INDIAN AUDIT AND ACCOUNTS DEPARTMENT

Office of the Director General of Audit (Central) Lucknow

No DGAC/LKO/ SAR-IIIT Ranchi (20-21)72021-22/

Dated:02.03.2022

To,

The Director,
Indian Institute of Information Technology (IIIT)
Science and Technology Campus
Khoja Toli, Namkum, Ranchi -834010.

Subject : **Separate Audit Report on the accounts of Indian Institute of Information Technology, Ranchi for the year 2020-21.**

Sir,

I enclose a Separate Audit Report on the Annual Accounts of Indian Institute of Information Technology, Ranchi for the year 2020-21 for information and necessary action.

2. A copy of the Separate Audit Report is also being-sent to the Secretary to the Government of India, Ministry of Human Resource Development, New Delhi for information and necessary action.
3. The Separate Audit Report should be duly considered and adopted by the Governing Body (BOG) of the Indian Institute of Information Technology, Ranchi in the Annual General meeting before these are laid in the House of Parliament.
4. A copy of (i) Resolution of Governing Body adopting the Audit Report and Audit Certificate with audited Annual Accounts, (ii) Date of its presentation before the House of Parliament and (iii) Annual Report of the Institute may be furnished to this office in due course for our records and onward transmission to the Comptroller and Auditor General of India, New Delhi.
5. The Hindi version of this SAR may kindly be furnished to this office within one week.
6. The receipt of this letter with enclosures may please be acknowledged.

Yours faithfully,

Encl: - As above.



Director General of Audit (Central)



Separate Audit Report of the Comptroller & Auditor General of India on the accounts of Indian Institute of Information Technology, Ranchi for the year ended 31 March 2021.

We have audited the attached Balance Sheet of Indian Institute of Information Technology, Ranchi for the year as at 31st March, 2021, the Income and Expenditure Account and Receipts and Payments Account for the year ended on that date under Section 19 (2) of the Comptroller and Auditor General's (Duties, Powers and Conditions of Service) Act, 1971 read with Section 28 (1 to 5) of the Indian Institute of Information Technology (Public-Private-Partnership) Act, 2017. These financial statements are the responsibility of the Institute management. Our responsibility is to express an opinion on these financial statements based on our audit.

2. This Separate Audit Report contains the proposed comments of the Comptroller and Auditor General of India (C&AG) on the accounting treatment only with regard to classification, conformity with the best accounting practices, accounting standards, disclosure norms, etc. Audit observations on financial transactions with regard to compliance with the Laws, Rules, and Regulations (Propriety and Regularity) and efficiency-cum-performance aspects, etc., if any, are reported through Inspection Reports/C&AG's Audit Reports separately.

3. We have conducted our audit in accordance with auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatements. An audit includes examining, on a test basis, evidences supporting the amounts and disclosure in the financial statements. An audit also includes, assessing the accounting principles used and significant estimates made by the management as well as evaluating the overall presentation of financial statements. We believe that our audit provides a reasonable basis for our opinion.

4. Based on our audit, we report that:

- i) We have obtained all the information and explanations, which, to the best of our knowledge and belief, were necessary for the purpose of our audit.
- ii) The Balance Sheet and Income & Expenditure Account and Receipts and Payments Account dealt with by this report have been drawn up in the form approved by the Ministry of Human Resource Department for Central Higher Educational Institutions.
- iii) In our opinion, proper books of accounts and other relevant records have been maintained by the Indian Institute of Information Technology, Ranchi as required under section 28 (1 to 5) of the IIIT (PPP) Act, 2017 and Rules and Regulations in so far as it appears from our examination of such books.
- iv) We further report that:



A. Balance sheet

A.1 Liabilities

A.1.1 Current Liabilities and Provisions (Schedule-3)- ₹45.03 crore

A1.1.1 The Institute received recurring grant of ₹ 2.24 crore from MHRD during the year 2020-21 under the head Revenue. No expenditure was incurred by the Institute out of above grant during the year. Unutilised grant of previous year was ₹ 4.43 crore. Hence, ₹ 6.57 crore was to be exhibited under the head current liabilities as unutilized grant. Non-exhibition of the said amount under current liabilities resulted in overstatement of Capital fund and understatement of current liabilities by ₹ 6.57 crore.

B. Accounting Policies & Notes on Accounts.

B.1 The Institute is established under the Indian Institute of Information Technology (Public-Private Partnership) Act, 2017. As per section 11(2) (a) of the Act, the investment of capital required for establishing the proposed Institute is to be borne by the Central Government, the State Government and Industry Partners in the ratio of 50:35:15.

As per Memorandum of Understanding (MOU) between Central Government, State of Jharkhand and Industry Partners namely Tata Technologies Ltd., Tata Consultancy Services and Central Coalfields Ltd., the Central Government shall contribute fifty percent of the total capital cost of ₹128 crore over a period of time for setting up of the Institute including seed money of ₹10 crore which will be released by the Central Government during first financial year.

The MOU further states that once the Memorandum of Association (MOA) and rules are framed and the IIIT is registered, the industry partners shall deposit fifty percent of its contribution in the name of IIIT. The remainder contribution would be made by industry partners depending upon the progress of the Scheme.

Scrutiny of Notes to Accounts (Schedule-24) revealed that the Central Government and Govt. of Jharkhand had deposited a contribution of ₹17.67 crore and ₹28.44 crore respectively. The three industry partners had to contribute ₹6.40 crore each. It was noticed that while two industry



partners had deposited their earmarked share, there was no contribution from third partner namely Tata Consultancy Services (T.C.S.) till 31.3.2021.

C. General

- C.1 As per Annual Accounts for the year 2020-21, the Institute had given various advances amounting to ₹ 17.47 crore (Boundary wall - ₹ 3.12 crore, Construction of Building - ₹ 12.73 crore and Furniture ₹ 1.62 crore) to CPWD as on 31.03.2021. However, Form 65-Abstracts of schedule of deposit works of CPWD for the month of March, 2021 revealed that only ₹ 2.31 crore was deposited with CPWD for construction of Boundary wall. The discrepancy may be reconciled.
- C.2 As per Schedule 7-Current Assets, the sundry debtors of ₹ 15.37 lakh was outstanding for more than one year to NIT, Jamshedpur. No effective action was taken by the Institute for recovery.
- C.3 As per format of accounts prescribed by MHRD, Grants funds have to be kept in separate bank accounts (in the form of saving/Current/Fixed Deposits) and should not be mixed with other funds. During checking of Cash Book of the Institute it was noticed that the account no. 35551469248 was opened in SBI and Grant as well as other than Grant has been deposited in the account. Separate accounts of Grant and other than Grant needs to be maintained.
- C.4 Scrutiny of Annual Accounts for the year 2020-21 of the Indian Institute of Information Technology (IIIT), Ranchi revealed that head of fund in Balance Sheet namely Designated/Earmarked/Endowment funds/ Capital Grant & Loans was not in accordance with the 'formats of Financial Statements for Central Higher Educational Institutions' as prescribed by the MHRD.
- C.5 As per Rule 230(8) of the GFR 2017, all interests or other earnings against Grants-in-aid or advances released to any Grantee institute should be mandatorily remitted to the Consolidated Fund of India immediately after finalisation of accounts. Hence, the interest earned on Government Grant could not be considered as income of the receiver.

The Institute had earned interest of ₹ 1.87 crore out of which ₹ 1.85 crore (₹ 1.64 crore on fixed deposit and ₹ 0.21 crore on Savings a/c) was earned on grant money during the year 2020-21 (Schedule-12). The Institute had considered the amount of interest earned on grants as its



income which is violation of the GFR rule. However, the amount of interest received on Government Grant could not be quantified as the schedule of interest earned on grants was not found maintained by the Institute separately.

- C.6 The Institute did not make provisions for retirement benefits on actuarial basis in the accounts which is contravention of Accounting Standard (AS)-15.

D. Grants-in-Aid

The Institute received ₹ 26.40 crore (₹ 4.00 crore from MHRD, ₹ 21.00 crore from State Government & ₹1.40 crore from Industry Partner) under the head Capital Grant during the year 2020-21. Previous year unutilised grant was ₹ 21.92 crore (MHRD ₹ 6.58 crore, State of Jharkhand ₹ 7.44 crore and industry partner ₹ 7.90 crore). Thus, ₹ 48.32 crore was available under the head Capital Grant. Out of which the Institute spent ₹ 4.22 crore during the year leaving a balance of ₹ 44.10 crore (MHRD ₹ 6.36 crore, State of Jharkhand ₹ 28.44 crore and Industry Partners ₹ 9.30 crore).

The Institute received ₹ 2.24 crore from MHRD during the year 2020-21 under the head Revenue. Internal revenue generated by the Institute during the year was ₹ 8.63 crore. The previous years' unutilised grant of the Institute was ₹ 13.14 crore (MHRD ₹ 4.33 crore and IRG ₹ 8.81 crore). Thus, ₹ 24.01 crore was available with the Institute under the head Revenue. Out of which the Institute spent ₹ 4.60 crore during the year leaving a balance of ₹ 19.41 crore (MHRD ₹ 6.57 crore and IRG ₹ 12.84 crore).

E. Management letter

Deficiencies which have not been included in the Audit Report have been brought to the notice of the Institute through a management letter issued separately for remedial/corrective action.

- v) Subject to our observations in the preceding paragraphs, we report that the Balance Sheet, Income and Expenditure Account and Receipts and Payments Account dealt with by this report are in agreement with the books of accounts.
- vi) In our opinion and to the best of our information and according to the explanations given to us, the said financial statements read together



with the Accounting Policies and Notes on Accounts, and subject to the significant matters stated above and other matters mentioned in the Annexure to this Audit Report give a true and fair view in conformity with accounting principles generally accepted in India.

- a) In so far as it relates to the Balance Sheet of the state of affairs of the Indian Institute of Information Technology, Ranchi as on 31st March 2021, and
- b) In so far as it relates to Income and Expenditure Account of the surplus for the year ended on that date.

For and on behalf of
the Comptroller and Auditor General of India

Director General of Audit (Central)

Place : **Lucknow**

Date : 2.3.2022

Annexure to Report

1. Adequacy of Internal Audit System:

The internal audit was conducted by chartered accountant firm. The Institute has no Internal Audit Manual.

2. Adequacy of Internal Control System:

Internal control of the Institute is weak in the following areas:

- a) The Institute has no internal control manual of its own.
- b) As per Memorandum of Association of HIT Ranchi, the Board of Governors shall ordinarily meet four times during the calendar year. Record, however, revealed that the Board met twice in the financial year 2020-21. Thus there was a shortfall of BOG meeting.
- c) Cash Book was maintained in Tally. Further, scrutiny of Cash book/ Bank book of the Institute revealed that the cash book/bank book had not been authenticated by cashier and DDO.

3. System of Physical Verification of Fixed Assets and inventories:

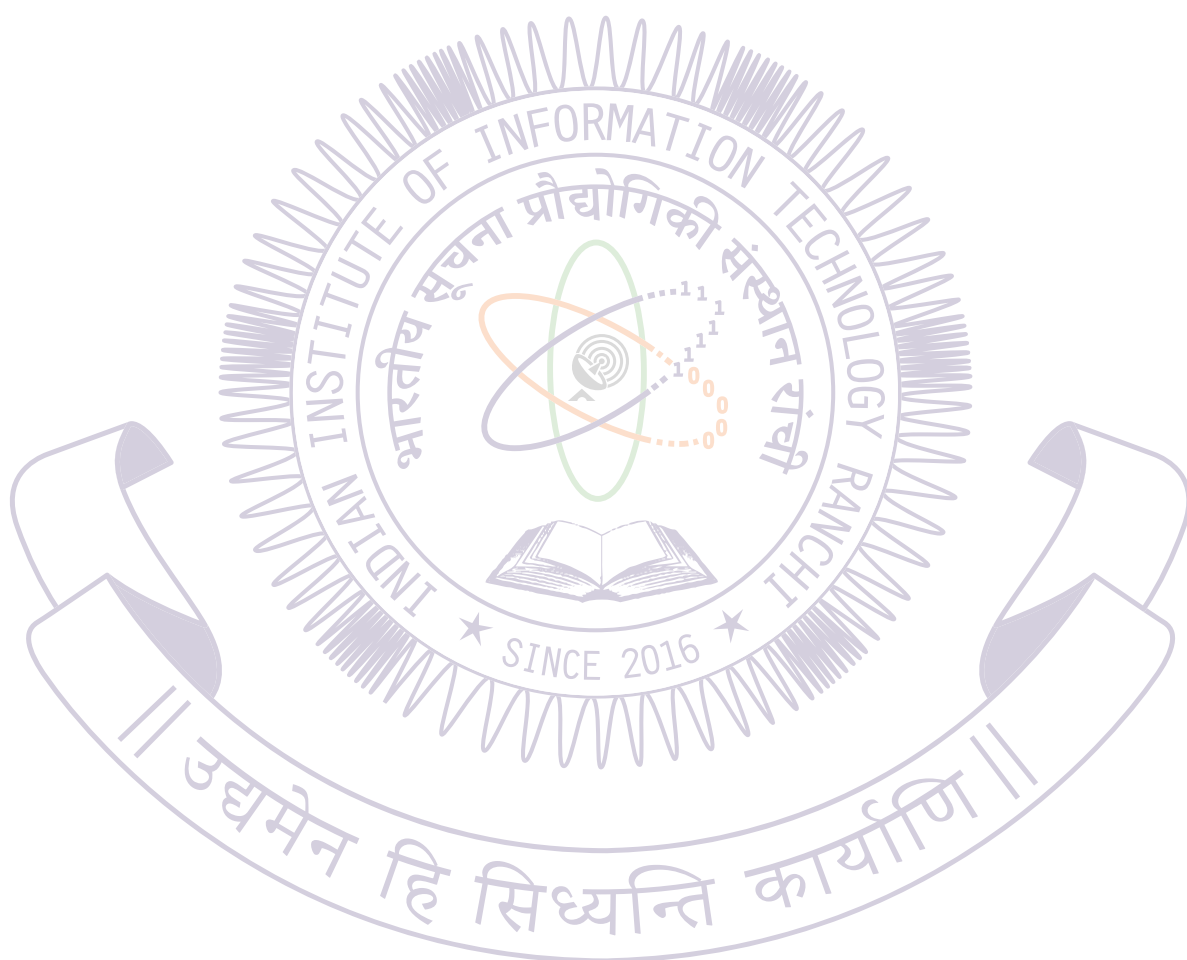
- a) The Institute did not conduct physical verification of fixed assets and inventories/ consumables during the year.
- b) As per Rule 211 of GFR, 2017 the Officer-in charge of the store should suitably maintain item wise lists & accounts and prepare accurate returns in respect of goods and materials in his charge making it possible at any point of time to check the actual balance with the book balance. A separate account should also be maintained for fixed assets such as plant, machinery, equipment, furniture, fixture etc in Form GFR-22.
- c) Scrutiny of records revealed that the Institute is not maintaining Fixed Asset Register in the format prescribed in form GFR-22. In absence of Fixed Assets register and all consumable goods and materials register, the actual physical position of Assets and consumable goods could not be ascertained. Further physical verification of Fixed Assets was not done during the year.

4. Regular in payment of statutory dues:

The Institute was regular in payment of statutory dues.



Director (C)





भारतीय सूचना प्रौद्योगिकी संस्थान, रांची Indian Institute of Information Technology, Ranchi

Science & Technology Campus, Namkum, Ranchi - 834010, Jharkhand