Annual Report & Annual Accounts

Financial Year 2021-22

(Authenticated)

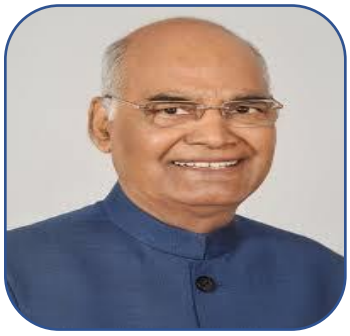
Minister of State in the Ministry of Edcuation

Government of India

New Delhi

Dated:

National Institute of Technology
Andhra Pradesh - 534101



Shri. Ramnath Kovind
Hon'ble president of India
Government of India



Shri. Narendra Modi
Hon'ble Prime Minister
Government of India



Shri. Dharmendra Pradhan

Hon'ble Education Minister

Government of India

Director's Note

I am delighted to present the annual report for the year 2021-22. This academic year NIT Andhra Pradesh has crossed another milestone, with successful graduation of first batch of M. Tech students.

In the academic year 2021-22, NIT Andhra Pradesh has admitted a total of 716 undergraduate students into eight disciplines. The Institute has introduced two specializations for the M. Tech program this year. Thus, the Institute is offering M. Tech program in 9 specializations. A total of 55 students have been admitted to the M. Tech program. The Institute has conducted admissions into the research programs twice in the year. A total of 33 full-time and 29 part-time students have been admitted into the PhD program.

I am delighted to share with you that our institute is recognized as one of the top hundred local chapters of NPTEL and is recognized as an active local chapter. Our students and research scholars have enrolled in 116 courses in NPTEL in the academic year.

The NIT Andhra Pradesh has achieved tremendous strides in terms of research. Since the last convocation, faculty members have presented 94 conference papers and published 146 research articles in international journals. Besides, the members of faculty have contributed 31 chapters for edited volumes and co-authored a book. Fourteen sponsored research projects, worth 90 million rupees, were received from national funding agencies such as DST, SERB, IUAC, and etc. The establishment of a Common Research and Technology Development Hub (CRTDH) in the electronics/renewable energy sector has been funded with a grant of Rs. 5 crores for our Institute. This fund is awarded by the Department of Scientific and Industrial Research (DSIR), Government of India.

NIT Andhra Pradesh is dedicated to carrying out government initiatives such as Atma Nirbhar Bharath, Make in India, and Swachtha Pakhwada. The institute has celebrated the Azadi Ka Amrut Mahotsav and Mahatma 150 in great fervour. Days of national importance such as National Unity Day, B.R. Ambedkar Jayanthi, Constitution Day, Mathrubhasha Day, Women's Day, Youth Day, and International Yoga Day are all celebrated with zeal and reverence. The institute's techno-cultural festival, Vulcanzy 2022, was organized with great enthusiasm.

The Institute has seen a record placement this year. With a top offer being 47.5 lakhs per annum, 97% of the graduating class has found employment. A total of 511 placement offers were received in 2021–2022 from 262 different firms that visited the campus. The maximum salary offered to M. Tech students was Rs. 10 lakhs per year, with 98% of them finding jobs.

Jai Hind!!

Prof. Pramod M. Padole,

Director (I/C), NIT Andhra Pradesh.

Introduction

National Institute of Technology, Andhra Pradesh is the 31st institution among the chain of NITs started by the Government of India. NIT Andhra Pradesh is established in the state of Andhra Pradesh in the academic year 2015 – 2016.

The permanent campus has been established with 172.6 acres of land adjacent to Chennai-Kolkata Highway (NH-16) in the air-strip lands of Tadepalligudem. CPWD had taken up the construction activity for all the buildings using Prefabrication construction technology. The construction work of Academic buildings, laboratory complexes, hostels, faculty, and staff quarters has been completed in Phase 1A and Phase 1B. The institute has been equipped with roof-top solar panels to serve needs of the institute.

The National Institute of Technology Andhra Pradesh has started with undergraduate program in eight streams namely Biotechnology Engineering, Chemical Engineering, Civil Engineering, Computer Science and Engineering, Electrical Engineering, Electronics and Communication Engineering, Mechanical Engineering, and Metallurgical and Materials Engineering. In the academic year 2021-22, a total of 716 students have taken admission into these undergraduate programs.

Apart from the undergraduate programmes, the Institute is offering postgraduate programs, MS and PhD since the academic year 2019-20. The Institute has started another postgraduate programme, M. Tech in nine streams. The Institute is sanctioned with a total intake of 85 for M. Tech program.

The Institute is committed to the new education policy (NEP 2020) proposed by the Ministry of education. Each department has revised their curricula with multiple exit options as proposed in the NEP 2020. Also, several minor programs have been introduced to equip the students with interdisciplinary skills. The revised curriculum and NEP are implemented from the academic year 2020-21.

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1 BOARD OF GOVERNORS

1	Chairperson	Ms. Mridula Ramesh ED Sundaram Textiles
2	Ex-Officio Member	Director, NIT Andhra Pradesh
3		Mrs. Sowmya Gupta Joint Secretary, Higher Education Ministry of Education Government of India
5		Mrs. Darshana M Dabral Joint Secretary & Financial Advisor, Ministry of Education, Government of India
6		Prof. K. Hema Chandra Reddy, Chairman, AP State Council Higher Education.
7	Member	Shri Vudumula Lakshmi Narayana Reddy, Chairman, S.V Group of Industries, Hyderabad
8		Prof. Balan Guru Moorthy, Professor, Dept. of Mechanical Engineering, IISC, Bangalore.
9		Dr. Sharmila Avadhut Bapat, Scientist, National Centre for Cell Science, Pune
10		Prof. G. Ravi Kiran Sastry, Professor, Dept. of Mechanical Engineering, NIT Andhra Pradesh.
11		Prof. K N Satyanarayana, Director, IIT Tirupati, Andhra Pradesh
12	Member & Secretary	I/c Registrar, NIT Andhra Pradesh

2 Committees

2.1 Finance Committee

Chairperson	**Ms. Mridula Ramesh** **Executive Director, Sundaram Textiles**
Ex-Officio member	**Director, NIT Andhra Pradesh, Tadepalligudem**
Members	**1. Joint Secretary dealing with National Institute of Technologies or his nominee, MHRD** **2. Financial Adviser (HRD) or his nominee, MHRD** **3. Prof. K N Satyanarayana,** **Director, IIT, Tirupati, Andhra Pradesh**
Ex-Officio member, Secretary	**I/c Registrar, NIT Andhra Pradesh, Tadepalligudem**

2.2 Buildings and Works Committee

Ex-Officio-Chairman	**Director, NIT Andhra Pradesh, Tadepalligudem**
Ex-Officio Member of the Central Government	**Director or Deputy Secretary or his nominee dealing with the NITs in the Ministry** **Director or Deputy Secretary or his nominee dealing with the Finance of NITs in the Ministry**
Ex-Officio-Member Secretary	**I/c Registrar, NIT Andhra Pradesh**
Members	**1. Dr. Jayaram Nakka** **Dean (P & D), NIT Andhra Pradesh** **2. Sri V Srinivasa Rao** **Executive Engineer (Civil), CPWD, Vijayawada** **3. Sri Satyanarayana** **Executive Engineer (Electrical), CPWD,** **Vijayawada**

2.3 Senate

Ex-Officio Chairman	**Director, NIT Andhra Pradesh**
Members	**All Professors of NIT Andhra Pradesh**
External Members	**1. Prof. V. R. Peddireddi** **School of Basic sciences, IIT Bhubaneswar** **2. Prof. D. M. Vinod Kumar** **Prof. of EEE, NIT Warangal** **3. Dr. K. Padma** **School of Management, NIT Warangal**
Invitees	**All Deans/ Associate Deans of NIT Andhra Pradesh** **(Who are not Professors)** **All Heads of the Departments/Schools, NIT Andhra Pradesh** **(Who are not Professors)**
Member & Secretary	**I/c Registrar, NIT Andhra Pradesh, Tadepalligudem**

The Director has initiated many committees which are helpful for the successful completion of Official works. The various committees existing at the Institute are as follows:

A. ADMINISTRATIVE

1. Deans Committee
2. Deans & HoDs Committee
3. SC/ST Cell
4. Internal Audit Cell
5. Department Faculty Council
6. Institute Purchase Committee

7. Grievances Redressal Committee
8. Internal Complaints Committee
9. Committees with specific terms of reference

B. ACADEMIC

1. Departmental Academic Committee (UG/PG - DAC)
2. Class Review Committee (CRC)
3. Departmental Academic Appeals Committee (DAAC)
4. Departmental Board of Studies (Bos)
5. Departmental Committee (DC)
6. Doctoral scrutiny committee (DSC)

2.4 DEANS

ACADEMIC AFFAIRS

Dr. Kurmayya Tamminana
Associate Professor
School of Sciences
(Mathematics)



FACULTY AFFAIRS

Dr. Dinesh P. Sankar Reddy
Associate Professor
Department of Chemical Engineering



PLANNING AND DEVELOPMENT	**Dr. Jayaram N.** Assistant Professor Department of Electrical and Electronics Engineering	
RESEARCH & CONSULTANCY	**Dr. G. Ravi Kiran Sastry** Professor Department of Mechanical Engineering	
STUDENT CAREER, ALUMNI & INTERNATIONAL RELATIONS	**Dr. Karthick. S** Assistant Professor Department of Computer Science and Engineering	
STUDENT WELFARE	**Dr. Veeresh Kumar G. B.** Assistant Professor Department of Mechanical Engineering	

2.5 ASSOCIATE DEANS

ACADEMIC & EXAMINATIONS (U.G)	**Dr. Nagesh Bhattu Sristy** Assistant Professor Department of Computer Science and Engineering	

ACADEMIC & EXAMINATIONS (P.G & Ph. D)	**Dr. Ramudu Machavarapu** **Assistant Professor** **(Physics)** **School Of Sciences**	
ADMISSIONS, SCHOLARSHIPS & Liaison Officer (OBC cell)	**Dr. Tapas Paramanik** **Assistant Professor** **(Physics)** **School Of Sciences**	
ADMINISTRATION, MEDICAL & ALLOWANCES	**Dr. Sudarshan Dhua** **Associate Professor** **(Maths)** **School Of Sciences**	
ALUMNI AFFAIRS	**Dr. Kiran Teeparthi** **Assistant Professor** **Department Of Electrical and Electronics Engineering**	
CENTRAL STORES & PROCUREMENT	**Dr. R. Sunil Kumar** **Assistant Professor** **Department Of Material and Metallurgy Engineering**	

CoE & ADVANCED LABORATORIES	**Dr. Thella Babu Rao** **Assistant Professor** **Department Of Mechanical Engineering**	
Coordinator of Women Grievance cell & ICC	**Dr. Hymavathi Madivada** **Assistant Professor** **Department Of Mechanical Engineering**	
ESTATE CIVIL AFFAIRS	**Dr. Giridhar Rajesh Bande** **Assistant Professor** **Department Of Civil Engineering**	
ESTATE ELECTRICAL AFFAIRS & GUEST HOUSE	**Dr. Tejavathu Ramesh** **Assistant Professor** **Department Of Electrical and Electronics Engineering**	
FACULTY WELFARE	**Dr. Arun Kumar. R** **Assistant Professor (Physics)** **School Of Sciences**	

INSTITUTE REPORTS & MAGAZINE	**Dr. Krishna Chaitanya. A** **Assistant Professor** **Department Of Electronics and Communication Engineering**	
INTERNATIONAL STUDENTS & LIBRARY AFFAIRS	**Dr. Srilatha Chebrolu** **Assistant Professor** **Department Of Computer Science and Engineering**	
INTERNATIONAL RELATIONS & MoUs	**Dr. V. Sandeep** **Assistant Professor** **Department Of Electrical and Electronics Engineering**	
Liaison Officer (SC/ST cell) & GIAN coordinator	**Dr. Vinoth Kumar Raja** **Assistant Professor** **Department Of Chemical Engineering**	
NATIONAL INITIATIVE MISSION & PROGRAMMES	**Dr. Talari Reshma** **Assistant Professor** **Department Of Civil Engineering**	

NATIONAL MoUs & INDUSTRY COLLABORATION	**Dr. V. Sudarshana Deepa** **Assistant Professor** **Department Of Bio - Technology Engineering**	
PLANNING AND DEVELOPMENT	**Dr. Jayanthi N. V. Prathyusha** **Assistant Professor** **Department Of Civil Engineering**	
RESEARCH & CONSULTANCY SERVICES	**Dr. Sankar Peddapati** **Assistant Professor** **Department Of Electrical and Electronics Engineering**	
STUDENT ACTIVITIES & FESTS	**Dr. Santhosh Kumar Gugulothu** **Assistant Professor** **Department of Mechanical Engineering**	
TRAINING &PLACEMENT	**Dr. T. Karthikeya Sharma** **Assistant Professor** **Department Of Mechanical Engineering**	

WEB, NETWORK & TELESERVICES	Dr. Sri Phani Krishna Karri Assistant Professor Department Of Electrical and Electronics Engineering	

2.6 DISCIPLINE HEADS

DEPARTMENT	HEAD OF THE DEPARTMENT	
BIO-TECHNOLOGY ENGINEERING	Dr. T. Jagan Mohan Rao Assistant Professor	
CHEMICAL ENGINEERING	Dr. Vinoth Kumar Raja Assistant Professor	
CIVIL ENGINEERING	Dr. Baranidaran Sundaram Assistant Professor	

COMPUTER SCIENCE AND ENGINEERING	Dr. K. Himabindu Assistant Professor	
ELECTRICAL AND ELECTRONICS ENGINEERING	Dr. V. Sandeep Assistant Professor	
ELECTRONICS AND COMMUNICATION ENGINEERING	Dr. Kiran Kumar Gurrala Assistant Professor	
MECHANICAL ENGINEERING	Dr. Veeresh Kumar G. B Assistant Professor	
MATERIAL AND METALLURGY ENGINEERING	Dr. R. SUNIL KUMAR Assistant Professor	

SCHOOL OF SCIENCES	**Dr. Arun Kumar R.** **Assistant Professor** **(Physics)**	
SCHOOL OF HUMANITIES & MANAGEMENT	**Dr. Soumya Jose** **Assistant Professor** **(English)**	

3 ACADEMIC PROGRAMMES

Academic programmes

B. Tech (Engineering)

- Bio-Tech
- Chemical
- Civil
- CSE
- ECE
- EEE
- Mechanical
- MME

M. Tech

- Geotechnical Engineering
- Computer Science and Data Analytics
- Power Electronics & Drives
- Advanced Communication Systems & Signal Processing
- Thermal Engineering
- Manufacturing Engineering

M.S / Ph. D

- Bio-Tech
- Chemical
- Civil
- CSE
- ECE
- EEE
- Mechanical
- MME
- SOS
- SHM

NIT Andhra Pradesh is offering various academic programmes at undergraduate level and graduate level in eight disciplines. At undergraduate level, bachelor of technology is offered in the disciplines of Biotechnology, Chemical engineering, Civil engineering, Computer science and engineering (CSE), Electrical and Electronics engineering (EEE), Electronics and Communication engineering (ECE), Mechanical Engineering, and Materials and Metallurgical engineering (MME).

NIT Andhra Pradesh is offering three postgraduate programmes: M. Tech, by five departments in six disciplines, Master of Science by Research, and Doctor of Philosophy (Ph.D.). In addition to the eight departments mentioned above, School of sciences and School of Humanities and Management offer some of the postgraduate programmes.

3.1 UNDERGRADUATE PROGRAMMES

NIT Andhra Pradesh has been sanctioned with a total of 750 seats for the academic year 2021-22. Out of the these, 375 seats will be filled by the candidates from the state of Andhra Pradesh under Home State (HS) quota and the remaining 375 seats will be filled by the candidates from all other states under Other State (OS) quota. All the seats will be filled based on the All-India Rank (AIR) obtained in the JEE (Mains). In each branch, 50% seats will be filled under HS quota and 50% seats will be filled under OS quota.

The seat occupancy matrix of B. Tech in the eight engineering branches at NIT Andhra Pradesh for the academic year 2021-22 is provided in Table 1. A total of 716 students have been enrolled against the 750 allocated seats. A total of 370 students have enrolled under HS quota and a total of 346 students have enrolled under OS quota. The Figures 1, 2 and 3 present students' enrolment state-wise, category-wise, and gender-wise respectively. Please note that the total enrolments in HS quota is 52% and OS quota is 48%. This variation is due to the number of vacant seats under the respective quota. There are a total of five vacant seats across all branches under the HS quota, whereas there are 29 vacant seats across all branches under the OS quota. We also present the year-wise enrolment in Table 2. Here, we can observe a consistent increase in the number of total enrolments when compared with recent past.

B.Tech. A.Y. 2021-22													
S. No	Department	Intake Capacity 2021-22	Actual Enrolment 2021-22										
			Open	EWS	OBC	SC	ST	TOTAL	Home State Quota	Other State Quota	Male	Female	PwD
1	Bio Technology	35	12	3	6	5	2	28	17	11	16	12	2
2	Chemical Engineering	35	13	3	10	5	2	33	17	16	22	11	1
3	Civil Engineering	100	37	9	27	14	7	94	49	45	73	21	2
4	Computer Science and Engineering	150	57	16	40	22	12	147	75	72	110	37	7
5	Electrical and Electronics Engineering	125	49	12	35	18	9	123	63	60	95	28	4
6	Electronics and Communication Engineering	150	58	16	41	22	12	149	75	74	116	33	7
7	Mechanical Engineering	120	45	11	30	19	10	115	58	57	93	22	3
8	Metallurgical and Materials Engineering	35	12	2	6	5	2	27	16	11	19	8	1
	Total	**750**	**283**	**72**	**195**	**110**	**56**	**716**	**370**	**346**	**544**	**172**	**27**

Table 1 : Seat Occupancy of B.Tech Programme at NIT Andhra Pradesh

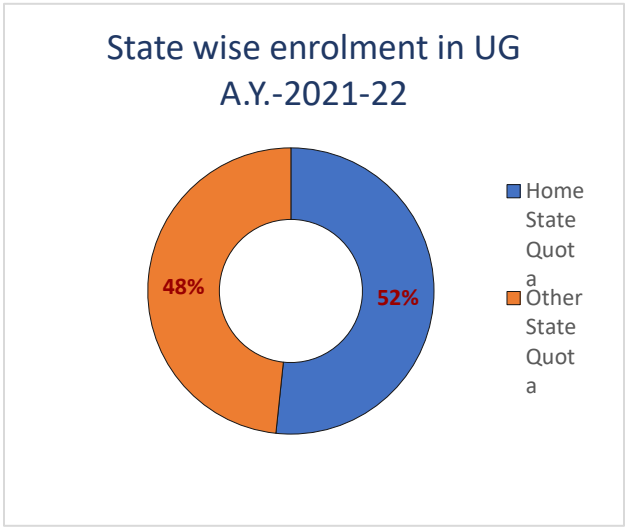


Figure 1: State-wise enrolment

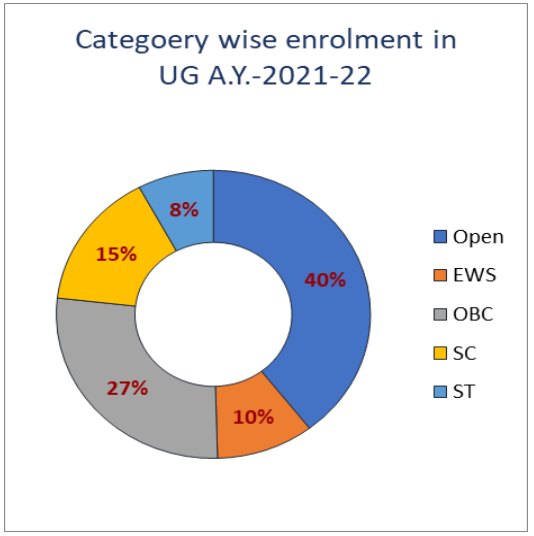


Figure 2: Category-wise enrolment

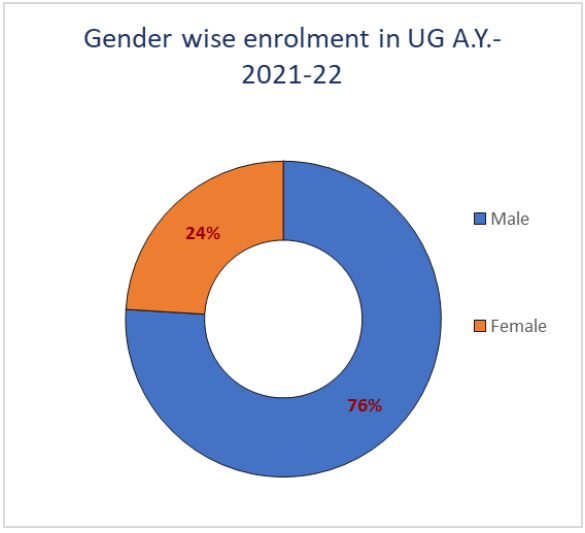


Figure 3: Gender-wise enrolment

B.Tech. (UG) Admitted students

S.No.	Branch (engineering)	A.Y.-2015-16	A.Y.-2016-17	A.Y.-2017-18	A.Y.-2018-19	A.Y.-2019-20	A.Y.- 2020-21	A.Y.- 2021-22
1	Biotechnology	19	14	24	27	19	31	28
2	Chemical	23	24	27	29	29	36	33
3	Civil	55	48	55	57	58	71	94
4	Computer Science	85	85	84	89	90	114	147
5	Electrical and Electronics	82	75	82	87	87	109	123
6	Electronics and Communication	84	84	86	87	89	111	149
7	Mechanical	50	53	55	67	63	77	115
8	Materials and metallurgy	23	14	24	30	27	35	27
Total		**421**	**397**	**437**	**473**	**462**	**584**	**716**

Table 2 : Year-wise comparison of Students enrolment

3.1.1 STUDY-IN-INDIA (SII) PROGRAMME

Under SII program, foreign nationals can be admitted to undergraduate programmes in various Institutes in India. NIT Andhra Pradesh is participating in SII program and offering a total of 57 seats in five disciplines of B. Tech Programme.

The current seat matrix of SII program is given below

S. No	Discipline	Sanctioned Intake	I B.Tech. A.Y.-2021-22 Admitted students
1	Civil Engineering	12	2
2	Computer Science & Engineering	14	4
3	Electrical & Electronics Engineering	10	0
4	Electronics & Communication Engineering	10	0
5	Mechanical Engineering	11	0

Table 3 : Intake for UG through SII

S. No	Country	No. of Students
1	Nepal	3
2	Bangladesh	2

Table 4 : Foreign Students - Country-wise

3.2 POSTGRADUATE PROGRAMMES

3.2.1 M.TECH PROGRAMME

Starting from the current academic year Departments of Biotechnology and Chemical engineering have started M. Tech programmes with specializations of Bioprocess engineering, and Chemical Engineering respectively. Thus, NIT Andhra Pradesh offers M. Tech programme in Eight specializations from Seven departments.

A total of 55 students have enrolled for M. Tech programme across the seven departments. We present the admission details of M. Tech programme for the academic year 2021-22 in table below.

M. Tech A.Y. 2021-22												
S. No	**Programme Name**	**Branch (Engineering)**	**Intake Capacity 2019-20**	**Actual Enrolment 2021-22**					**Total**	**Male**	**Female**	**PwD**
				Open	**EWS**	**OBC**	**SC**	**ST**				
1	Bioprocess Engineering	Biotechnology	10	2	0	2	0	0	**4**	0	4	0
2	Chemical Engineering	Chemical	10	2	0	1	0	0	**3**	1	2	0
3	Geotechnical Engineering	Civil	10	1	1	6	1	1	**10**	5	5	0
4	Computer Science and Data Analytics	Computer Science	15	5	1	1	3	0	**10**	7	3	0
5	Power Electronics & Drives	Electrical & Electronics	10	2	1	4	2	1	**10**	6	4	0
6	Advanced Communication Systems & Signal Processing	Electronics & Communication	10	3	1	1	2	0	**7**	1	6	0
7	Thermal Engineering	Mechanical	10	3	2	2	0	0	**7**	7	0	0
8	Manufacturing Engineering		10	2	0	1	1	0	**4**	3	1	0
Total			**85**	**20**	**6**	**18**	**9**	**2**	**55**	**30**	**25**	**0**

Table 5: M.Tech Admissions for the year 2021-22

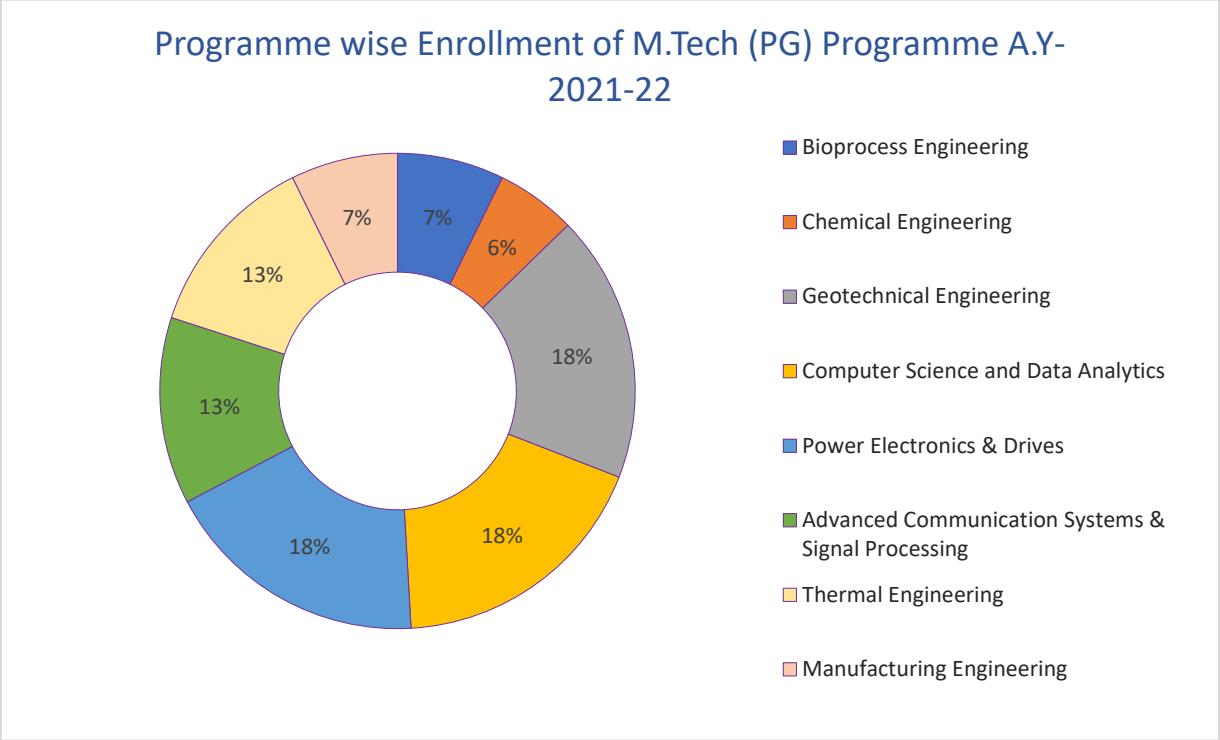


Figure 4 : M.Tech admissions - Department-wise

M.Tech. AY 2021-22 (International students)				
S. No	**Programme Name**	**Branch (Engineering)**	**No. of Students Admitted A.Y 2021-22**	**Country**
1	Computer Science and Data Analytics	Computer Science	1	Nepal

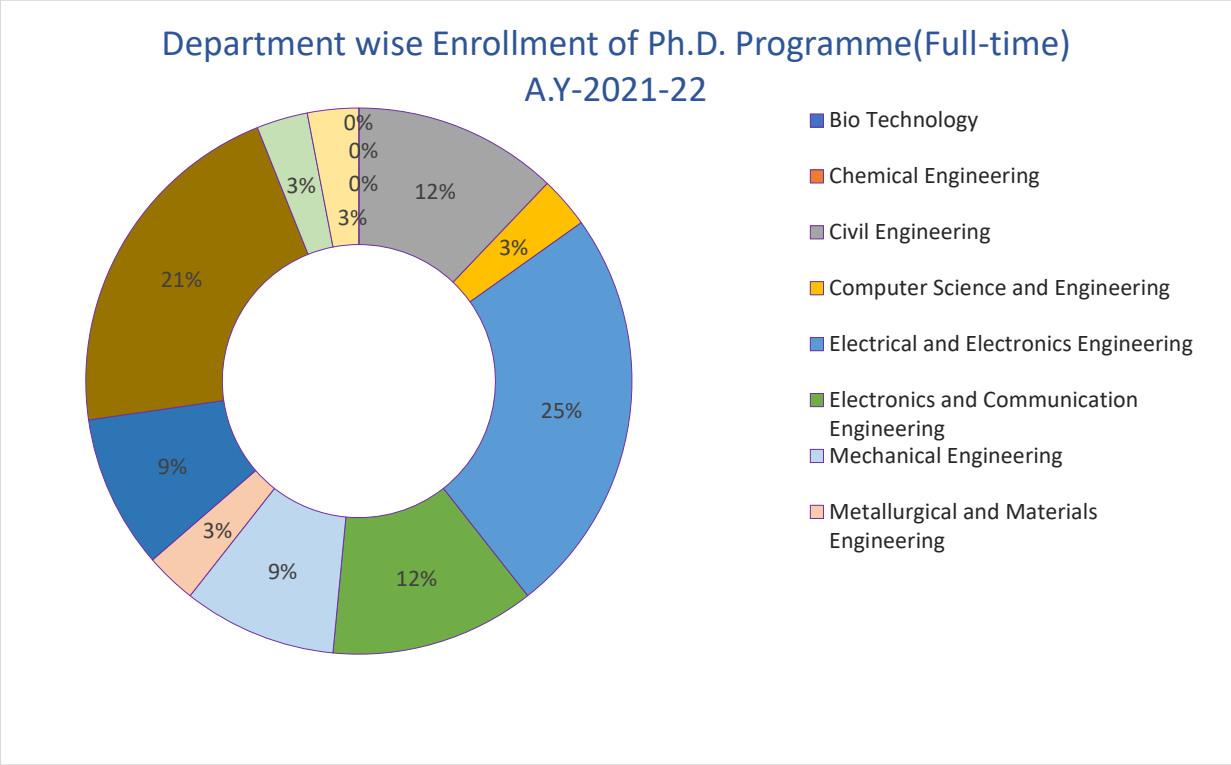
M. Tech. (PG) Programme Admitted students				
S. No	**Programme Name**	**Branch (Engineering)**	**No. of Admitted Students A.Y.-2020-21**	**No. of Admitted Students A.Y.-2021-22**
1	Bioprocess Engineering	Biotechnology	-	4
2	Chemical Engineering	Chemical	-	3
3	Geotechnical Engineering	Civil	8	10
4	Computer Science and Data Analytics	Computer Science	11	10
5	Power Electronics & Drives	Electrical & Electronics	9	10
6	Advanced Communication Systems & Signal Processing	Electronics & Communication	8	7
7	Thermal Engineering	Mechanical	7	7
8	Manufacturing Engineering		6	4
	Total		**49**	**55**

Table 6: Year-wise M. Tech Admissions

3.2.2 MS and PhD Programmes

NIT Andhra Pradesh has started Master of Science (by Research) and Doctor of Philosophy (PhD) programmes from the academic year 2019-2020. The institute is offering PhD programmes in full-time and part-time modes. The full-time PhD students of the institute will receive scholarships as per the guidelines of the Ministry of HRD.

Admission to MS and PhD programmes is conducted in two sessions in the academic year, one in the beginning of each semester. The department-wise distribution of admissions is presented in the table below


Department wise Enrollment of Ph.D. Programme(Full-time)
A.Y-2021-22
0%
0%
0%
3%
12%
3%
25%
12%
9%
3%
9%
21%
3%
Bio Technology
Chemical Engineering
Civil Engineering
Computer Science and Engineering
Electrical and Electronics Engineering
Electronics and Communication Engineering
Mechanical Engineering
Metallurgical and Materials Engineering

Ph.D./M. S (By Research) Programme A.Y. 2021-22													
S. No	Department	Actual Enrolment Ph.D. (Full-Time) Programme 2021-22					TOTAL	Ph.D. (Full- Time)	Ph.D. (Part-Time)	MS (By Research)	Male	Female	PwD
		Open	EWS	OBC	SC	ST							
1	Bio Technology Engineering	0	0	0	0	0	0	0	2	0	1	1	0
2	Chemical Engineering	0	0	0	0	0	0	0	2	0	1	1	0
3	Civil Engineering	2	0	2	0	0	4	4	0	0	3	1	0
4	Computer Science Engineering	0	0	1	0	0	1	1	1	0	1	1	0
5	Electrical and Electronics Engineering	4	0	1	2	1	8	8	4	0	10	2	0
6	Electronics and Communication Engineering	4	0	0	0	0	4	4	3	0	3	4	0
7	Mechanical Engineering	1	0	1	1	0	3	3	12	0	15	0	0
8	Metallurgical and Materials Engineering	1	0	0	0	0	1	1	0	0	1	0	0
9	Mathematics (School of sciences)	3	0	0	0	0	3	3	2	0	2	3	0
10	Physics (School of sciences)	3	1	2	1	0	7	7	0	0	4	3	0
11	Chemistry (School of sciences)	1	0	0	0	0	1	1	0	0	1	0	0
12	English (school of humanities and management)	1	0	0	0	0	1	1	0	0	0	1	0
13	Management (school of humanities and management)	0	0	0	0	0	0	0	3	0	2	1	0
Total		**20**	**1**	**7**	**4**	**1**	**33**	**33**	**29**	**0**	**44**	**18**	**0**

Table 7: MS, PhD Admissions for the year 2021

Ph.D. / MS (by Research) Programme Admitted Scholars branch wise (AY 2019-20 To AY 2021-22)								
S.No.	**Branch** (Engineering)	**AY 2019-20 PhD(Full-Time)**	**AY 2019-20 PhD(Part-Time)**	**AY 2020-21 PhD (Full-Time)**	**AY 2020-21 PhD (Part-Time)**	**A.Y.-2020-21 M. S. (byResearch)**	**AY 2021-22 PhD (Full-Time)**	**AY 2021-22 PhD (Part-Time)**
1	Biotechnology Engineering	0	0	3	3	0	0	2
2	Chemical Engineering	2	1	1	2	0	0	2
3	Civil Engineering	3	6	3	8	0	4	0
4	Computer Science and Engineering	7	13	2	10	3	1	1
5	Electrical and Electronics Engineering	6	7	8	13	0	8	4
6	Electronics and Communication Engineering	5	11	8	11	0	4	3
7	Mechanical Engineering	6	17	4	17	0	3	12
8	Metallurgical and Materials Engineering	3	5	2	1	0	1	0
9	Mathematics (SoS)	1	1	3	2	0	3	2
10	Physics (SoS)	2	1	3	2	0	7	0
11	Chemistry (SoS)	0	0	2	0	0	1	0
12	English (SHM)	1	1	0	0	0	1	0
13	Management (SHM)	-	3	-	4	0	0	3
Total		**36**	**66**	**39**	**73**	**3**	**33**	**29**

Table 8: Number of PhD admissions under full-time and part-time category - Year-wise

Cumulative Students' Strength A.Y. -2021-22				
S. No	Branch	B. Tech (UG)	Ph.D.	M.Tech. (PG)
1	Bio Technology Engineering	92	6	4
2	Chemical Engineering	115	5	3
3	Civil Engineering	279	23	17
4	Computer Science and Engineering	447	26	21
5	Electrical and Electronics Engineering	415	43	19
6	Electronics and Communication Engineering	438	41	13
7	Mechanical Engineering	318	50	22
8	Metallurgical and Materials Engineering	104	11	0
9	School of Sciences	0	29	0
10	School of Management	0	11	0
	Total	**2208**	**245**	**99**

Table 9 : Total Number of Students in NIT Andhra Pradesh

Examination results for the B. Tech batch 2018-2022								
S. No	Branch	No. of Students appeared	First Class with Distinction	First Class	Second Class	Pass	Total	Percentage of pass
1	Biotechnology	22	4	15	2	0	21	95.45
2	Chemical Engineering	25	5	18	3	0	26	104
3	Civil Engineering	55	14	33	8	0	55	100
4	Computer Science & Engineering	89	30	43	13	0	86	96.63
5	Electrical & Electronics Engineering	90	29	51	5	0	85	94.44
6	Electronics & Communication Engineering	87	27	55	5	0	87	100
7	Mechanical Engineering	67	21	37	7	0	65	97.01
8	Metallurgical and Materials Engineering	23	5	17	1	0	23	100

Degree awarded in 2018-2022 (B. Tech)		
S. No	**Branch**	**Total**
1	Biotechnology	21
2	Chemical Engineering	26
3	Civil Engineering	55
4	Computer Science & Engineering	86
5	Electrical & Electronics Engineering	85
6	Electronics & Communication Engineering	87
7	Mechanical Engineering	65
8	Metallurgical and Materials Engineering	23

Examination results for the M.Tech batch 2020-2022								
S. No	**Branch**	**No. of Students appeared**	**First Class with Distinction**	**First Class**	**Second Class**	**Pass**	**Total**	**Percentage of pass**
1	Geotechnical Engineering	8	3	5	0	0	8	100
2	Computer Science and Data Analytics	11	1	9	1	0	11	100
3	Power Electronics & Drives	9	5	3	0	0	8	88.89
4	Advanced Communication System and Signal Processing	7	2	4	1	0	7	100
5	Manufacturing Engineering	6	6	0	0	0	6	100
6	Thermal Engineering	6	3	3	0	0	6	100

3.3 Placements

In the year 2021-22, a total of 320 under graduate students out of 461 students have shown interest in participating for campus placements. The NIT Andhra Pradesh has recorded a placement percentage of 97.19 this year with an average package of rupees 7.05 lacs per annum. A highest package of rupees 37.40 lacs per annum is achieved by a CSE undergraduate student. The department-wise placement details are presented in the Table 13 below.

S. No	Department	Total Strength	undergraduate Students opted For Job	No. of Students Placed	placement %	Average package (Lacs/Annum)	Highest package (Lacs/Annum)
1	**Biotechnology**	22	16	16	100.00	5.8	8.7
2	**Chemical**	25	14	12	85.71	6.3	10
3	**Civil**	56	34	30	88.24	5.9	10
4	**CSE**	89	65	65	100.00	10.7	37.4
5	**ECE**	87	68	65	95.59	7.8	16.5
6	**EEE**	90	69	69	100.00	7.5	15.5
7	**Mechanical**	67	47	43	91.49	6	15
8	**MME**	25	12	11	91.67	6.4	9.9
	Total	**461**	**320**	**311**	**97.19**	**7.05**	

Table 13: Department-wise UG Placement details

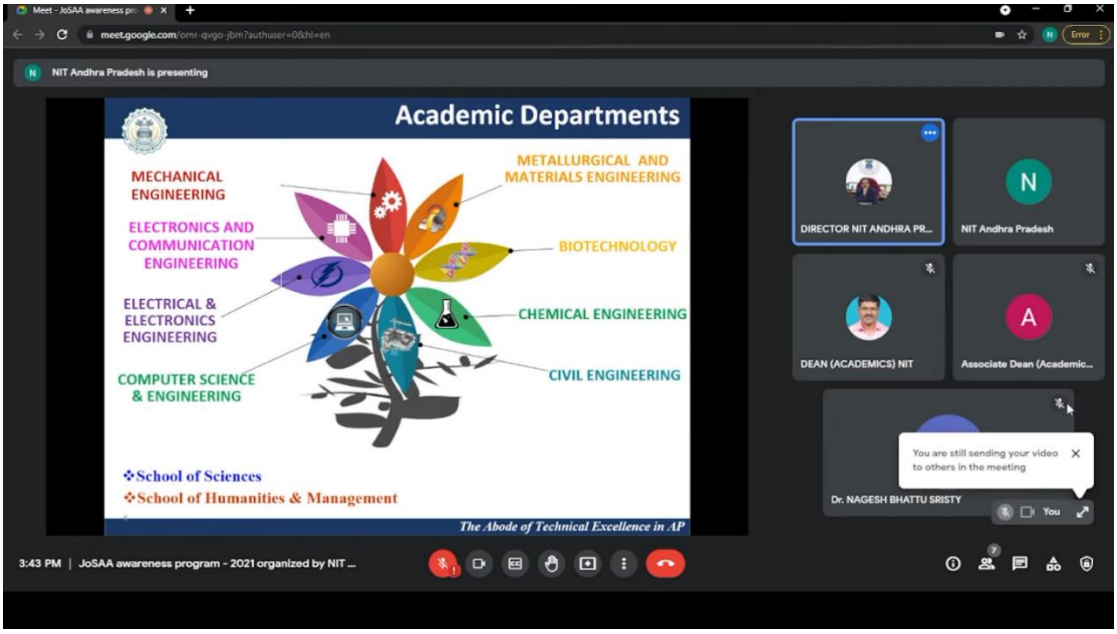
The first batch of M. Tech is graduating in the year 2022. Placements have been conducted for M. Tech students also. Out of 47 students, 41 students have shown interest in appearing for campus placements. We have recorded a placement percentage of 60.98 for the M. Tech students with an average package of 5.6 lacs per annum. Department-wise placement details for M. Tech students have been presented in the Table 14 below.

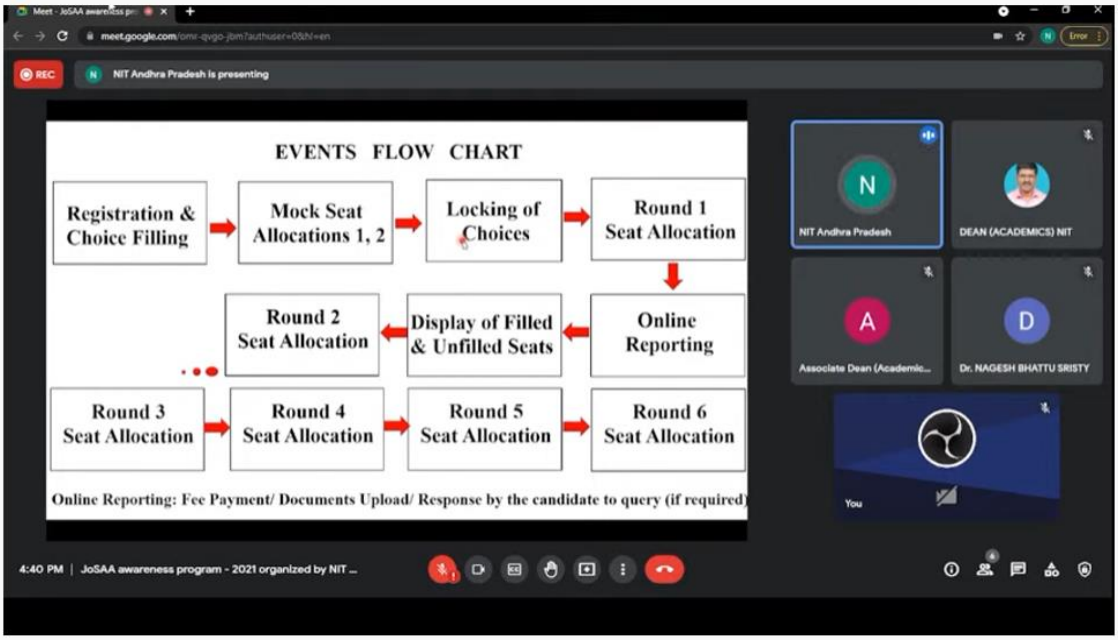
Department	Total Strength	Students Opted for job	No. of Students Placed	Placement %	Average package	Highest package
Civil	**8**	5	3	60.00	4.6	5
CSE	**11**	10	6	60.00	7.4	10
ECE	**7**	7	6	85.71	5.7	9
EEE	**9**	8	2	25.00	4.8	3.5
MECH	**12**	11	8	72.73	5.4	7
Total	**47**	**41**	**25**	**60.98**	**5.6**	

Table 14: Department-wise Placement details for the M. Tech Students

3.4 Awareness Programme on JOSAA

NIT Andhra Pradesh organized an online awareness program on JOSAA and admission procedures on 20-10-2021. Many student aspirants and parents participated in the event and benefitted from the event.





3.5 GIAN Courses

NIT Andhra Pradesh participated in the Global Initiative for Academic Networks (GIAN) supported by Ministry of Education. As part of this program, NIT Andhra Pradesh has conducted three GIAN courses from April 2021 to March 2022.GIAN co- Ordinator in NIT Andhra Pradesh is Dr. Vinoth kumar Raja, Assistant Professor, Chemical Engineering Department. The details are presented in Table 15.

Course title	Course coordinator	Foreign expert faculty	Course dates
Nanomaterials for Water Treatment	Dr. Baranidharan	Prof. Hadas Mamane, Israel	14th – 18th Feb 2022
Risk and Life Cycle Assessment of Engineered Nanoparticles in the Environment	Dr. Baranidharan	Dr. Lok Pokhrel, United States of America	14th – 18th March 2022
"A Technical Overview of Public and Private Blockchains	Karthick Seshadri	Prof. Ramki Thurimella Prof(emeritus)of Computer Science, University of Denver, USA	Feb 7 to Feb 11, 2022

Table15: GIAN Courses conducted during the AY 2021-22


Materials Science and Metallurgy Engineering
biotechnology engineering
CHEMICAL ENGINEERING
MECHANICAL ENGINEERING
DEPARTEMENTS
CIVIL ENGINEERING
Electrical & Electronics
Electronics and Communication Engineering
COMPUTER SCIENCE & ENGINEERING

4 Departments

4.1 Bio-Technology Engineering

The Department of Biotechnology at the National Institute of Technology Andhra Pradesh was established in the year 2015. Currently, we are offering undergraduate B. Tech, M. Tech, M.S (by Research) and Ph.D. (Part-time and Full time) programmes. The department is committed to impart quality education and offer excellent research environment to its ongoing programmes to motivate budding engineers, scientists and entrepreneurs to enhance their problem-solving skills for societal benefits. The department has faculty members graduated in diverse specializations from reputed national and international institutes. The research area of our faculty members includes: Microbial Biotechnology, Bioprocess Engineering, Downstream processing, Modelling and Simulation of Bioprocesses, Prebiotics, Probiotics, Bioinformatics, Plant Biotechnology, Drug Delivery, Phytopharmacology, Environmental Biotechnology, and Nano-biotechnology. Our laboratories are well equipped with modern infrastructure to meet the requirements of academic programmes. The aim of the department is to inculcate the knowledge of Biotechnology to the young minds who can contribute towards the development of the society.

- **VISION:**

To nurture competent biotechnologists who will disseminate their knowledge for the development of sustainable technologies with their innovative approaches.

- **MISSION:**

Maintaining high academic standards by adopting effective pedagogy, and continuously upgrading the program curriculum to meet the current needs.

- Providing a flexible environment for faculty and students to flourish in teaching, research and entrepreneurship.
- Creating Institute-Industry interface by inculcating skills and knowledge through training programmes to address the socio-economic issues

- **LABS/WORKSHOPS:**

S. No	Name of the Lab
1	Microbiology,
2	Biochemistry,
3	Cell and Molecular Biology
4	Bioprocess Engineering.

- **FACULTY:**
  Dr. T. Jagan Mohan Rao (Assistant Professor)
  Dr. A. Seenivasan (Assistant Professor)
  Dr. V. Sudarshana Deepa (Assistant Professor)
  Dr. E. Rajeswara Reddy (Assistant Professor)

- **RESEARCH SCHOLARS:**
  - Number of full-time research scholars: 03
  - Number of part-time research scholars :03

4.2 Chemical Engineering

The Department of Chemical Engineering at NIT Andhra Pradesh was established in 2015-16, with a mission to impart high-quality engineering education and mould the students to meet the ever-growing demand for technical human resources in Chemical Engineering.

The Department currently offers B.Tech. M.Tech. and Ph.D. programmes in Chemical Engineering. We have revised our academic curriculum to be in tune with the current developments in the field while retaining the core concepts from the discipline. In addition, faculty introduced new electives related to their research, and these are pretty well subscribed.

Our students are highly encouraged to participate in national and international conferences, seminars, workshops, and symposia. The last few years have seen a dramatic increase in industrial associations, research projects, publications, and faculty awards.

VISION:

- To offer academic and research programs that prepare students to address a global society's challenges and needs by solving complex problems associated with Chemical and Allied Engineering.

MISSION:

- To deliver high-quality technical education that enables the students to lead productive careers in the chemical and allied industries.
- To develop a state-of-the-art infrastructure that promotes internationally recognized research, creativity, and entrepreneurial culture.
- To offer credible solutions to problems prevalent in the Chemical and allied industries by building a robust interface.
- To make students contribute to the nation's sustainable development through leadership in professionalism, education, research, and public services.

- **LABS/ WORKSHOPS:**

S.No.	Name of the Lab
1.	Research lab – I
2.	Research lab – II
3.	Mass Transfer lab
4.	Process control lab
5.	Chemical reaction engineering lab
6.	Heat Transfer lab
7.	Fluid mechanics lab
8.	Computational, Design and simulation lab

- **FACULTY:**

1. Dr. Vinoth Kumar Raja (Assistant Professor)
2. Dr. Dinesh P Sankar Reddy (Associate professor)

- **RESEARCH SCHOLARS:**
  - Number of full-time research scholars: 03
  - Number of part-time research scholars :03

4.3 Civil Engineering

The Civil Engineering Department offers B.Tech., M. Tech. (Geotechnical Engineering), M.S. (by Research) and Ph.D. Programmes. The department was incepted in the year 2015 with a sanctioned intake of 60 students for the B.Tech. (Civil) programme, M. Tech., (2021) and Ph.D. Programmes (2019). The Department is actively involved in basic and applied research in the field of Structural Engineering, Geotechnical Engineering, Water Resources Engineering and Environmental Engineering. Broad area of the current research focus of the Department includes Earthquake Engineering, Environmental Geotechnology, Structural Health Monitoring, Wastewater Treatment, GIS-based Hydrological Modelling, and Integrated Watershed Management.

- **VISION:**

  To lead the global community by producing outstanding Civil Engineers through quality technical education, research and build the legacy of entrepreneurship who can serve for industry and society through their innovative thinking.

- **MISSION:**
  - To design a curriculum which caters the present and future challenges and establish a Centre of Excellency in Civil Engineering.
  - To carry out novel research, on problems prevalent in society and provide sustainable solutions in various disciplines of Civil Engineering.
  - To have industry connect for combating the multi-dimensional problems through collaborations.

- To promote innovative ideas among the students to excel as a future entrepreneur.

➢ **LABS/WORKSHOPS:**

S. No	Name of the Lab
1	Geotechnical Engineering
2	Engineering Geology
3	Surveying
4	Environmental Engineering
5	Concrete Technology
6	Hydraulic Engineering Laboratory
7	Material Testing Laboratory

➢ **FACULTY:**

1. Dr. Baranidharan Sundaram (Assistant Professor)
2. Dr. Reshma Talari (Assistant Professor)
3. Dr. Subba Rao Pichuka (Assistant Professor)
4. Dr. Shaik Mahabu Subhani (Assistant Professor)
5. Dr. Jayanthi N V Prathyusha (Assistant Professor)
6. Dr. Giridhar Rajesh Bande (Assistant Professor)

➢ **RESEARCH SCHOLARS:**

- Number of full-time research scholars: 08
- Number of part-time research scholars: 08

4.4 Computer Science and Engineering

The Department of Computer Science and Engineering at NIT Andhra Pradesh, offers a B.Tech. Undergraduate programme in Computer Science and Engineering, M. Tech. in Computer Science and Data Analytics, M.S. (by research) and Ph.D. programmes. The department was incepted in the year 2015 with a current sanctioned intake of 150 students for the B.Tech. (CSE) programme.

The B.Tech. curriculum offered by the department comprises core courses that provide a sound theoretical foundation which is supplemented through industry relevant elective courses and a project component. The department hosts an M. Tech. programme in Computer Science and Data Analytics with an intake of 15 students, from the Academic Year 2020-21 onwards. The M. Tech. curriculum is designed in such a way to provide a sound theoretical and practical foundation for conducting high-quality research in the thrust sub-domains of Data Analytics.

- **VISION:**
  To strive for excellence in academics, research and technological service to the society, with an intent to nurture the stakeholders and produce Computer Scientists, technologists and Engineers who are globally competent and nationally relevant.

- **MISSION:**
  1. To adopt a teaching-learning process that imparts technical skills and state-of-the-art knowledge with a well-blended and balanced mix of theory and practice.
  2. To create functional centers of excellence that promote research and consultancy in the thrust sub-domains of theoretical computer science, systems and technology.
  3. To collaborate with industry and higher learning institutes of national/international repute and solve socially relevant problems**.**

- **LABS/WORKSHOPs:**

S. No	Name of the Lab	Details of the Equipment Available (Quantity and Brief Specification)	Details of the Software Available
1	HiPC Lab	The cluster of **5** Rack Servers (HPE ProLiant ML350 GEN10)	TensorFlow, Hadoop, Message Passing Interface (MPI), Apache Spark Cluster Computing Framework.
2	AI Lab	**No. of Workstations: 80** Spec: Intel(R) Core (TM) i7-8TH GEN ,16 GB RAM, Hard disk 1TB, Operating system - Linux, Cores: 6	IDEs for C/C++/Java/Python, AI Frameworks like TensorFlow and Theano
3	Enterprise App Development Lab	**No. of Workstations: 36** Spec: Intel(R) Core (TM) i7-8TH GEN ,16 GB RAM, Hard disk 1TB, Operating system -Linux, CORES 6 **No. of Workstations: 44** Spec: Intel i7 9th gen, 8 GB RAM, Linux, hard disk 2 TB, cores 8	My SQL, Umbrella, AutoCAD, IDE for Java and Python

4	Data Analytics Lab	**No. of Workstations: 40** Spec: Intel(R) Core (TM) i7-8TH GEN ,16 GB RAM, Hard disk 1TB, Operating system - Linux, CORES 6 **No. of Workstations: 40** Spec: Intel i7 9th gen, 8 GB RAM, Linux, hard disk 2 TB, cores 8	Open-Source Frameworks for Data Analytics, Tensor Flow.
5	Systems Programming Lab	**No. of Workstations: 80** Spec: Intel i7 9th gen, 8 GB RAM, Linux, hard disk 2 TB, cores 8	IDEs required for Systems Programming and Analysis.
6	Network Lab	**No. of Workstations: 40** Spec: Intel(R) Core (TM) i7-8TH GEN ,16 GB RAM, Hard disk 1TB, Operating system - Linux, CORES 6 **No. of Workstations: 40** Spec: Intel i7 9th gen, 8 GB RAM, Linux, hard disk 2 TB, cores 8	

- **FACULTY:**
  1. Dr. Karthick Sedhadri (Assistant Professor)
  2. Dr. K. Hima Bindu (Assistant Professor)
  3. Dr. Nagesh Bhattu Sristy (Assistant Professor)
  4. Dr. Goutham Reddy Alavalapati (Assistant Professor)
  5. Dr. Srilatha Chebrolu (Assistant Professor)

- **RESEARCH SCHOLARS:**
  - Number of full-time research scholars: 7
  - Number of part-time research scholars: 17

4.5 Electronics and Communication Engineering

The Electronics and Communication Engineering (ECE) Department was established in the year 2015. The department offers Undergraduate (UG), Post Graduate (PG), M.S. (By Research) and Ph.D. degree programs that provide students with the knowledge and tools they need to succeed in the Electronics and Communication Engineering. Research in the department focuses on high-impact various disciplines such as: Communication systems, Wireless networks, Internet of Things, Signal and Image Processing, Biomedical Signal Processing, RF MEMS, Microwave antennas, Optical communication and Photonics, and future prospective of VLSI technologies.

Currently the department offers four-year B. Tech course with student intake of 120 and MTech course with intake of 10 students. The department of ECE is one of the established and largest departments in NIT-Andhra Pradesh. Our faculty brings state-of-the-art research, development, and design experience into the classroom, ensuring that our students and alumni are able to apply for registration as professional engineers in all part of global engineering and the scientific community. In all courses the Department has built an excellent reputation for its graduates in terms of placements. The department has mission to educate the students with the state of art technologies to meet the growing challenges of the industry, to carry out research through constant interaction with research organizations and industry, and to equip the students with strong foundations to enable them for continuing education. So, the vision is to excel in education and research in Electronics and Communication Engineering.

- **VISION:**
  To be recognized as a center of academic and research excellence in the field of Electronics and Communication Engineering that endeavors to create globally competent, innovative Engineers with entrepreneurial skills, capable of addressing the industry and societal demands.
- **MISSION:**
  - To provide conductive environment for the students to become technically competent in the upfront technologies of Electronics and Communications.
  - To inspire students and teachers towards innovative and collaborative research leading to the establishment of centers of excellence.
  - To stimulate the stakeholders of the department towards the entrepreneurial activity.
  - Inculcate human values and professional ethics to students and faculty members and make them philosophical towards the societal issues**.**

LABS/WORKSHOPs:

S. No	Name of the Lab
1	Communication Systems
2	Electronic Devices and Circuits
3	Microcontrollers Laboratory

- **FACULTY:**

1. Dr. Puli Kishore Kumar (Assistant Professor)
2. Dr. G Kiran Kumar (Assistant Professor)
3. Dr. A Krishna Chaitanya (Assistant Professor)
4. Dr. S. Yuvraj (Assistant Professor)
5. Dr. B. Narasimha Rao (Assistant Professor)

- **RESEARCH SCHOLARS**
  - Number of full-time research scholars: 17
  - Number of part-time research scholars: 25

4.6 Electrical and Electronics Engineering

The Department of Electrical Engineering at National Institute of Technology (NIT), Andhra Pradesh offers B. Tech, M. Tech and Ph. D programs which keenly emphasize global learning. The main theme of the department is to create a platform for *knowledge assimilation, dissemination and generation*. It is committed to work in emerging areas and develop sustainable technologies & innovations in the electrical engineering field. The students and faculty are encouraged to work in interdisciplinary projects with a stimulating and wonderful learning experience.

Currently, the faculty are engaged actively in following research areas: Power Electronics, Electric Drives, Design of Electric Machines, Renewable Energy and Microgrids, Hybrid and Electric Vehicles, Electric Vehicle Charging Infrastructure, Smart Grid Technologies and Integration, AI & ML Applications in Power and Energy Systems, DSP / FPGA based Real –Time Embedded Systems and Assistive Technologies. The department encourages continuous learning process through internship programs, IEEE activities and industry interaction sessions.

- **VISION:**

Aiming to nurture globally competent electrical engineers in research and innovation through quality education and develop cutting edge technologies for the betterment of society.

- **MISSION:**

a) Effective Technology adoption into teaching and learning Strategies by faculty that result in observable student's achievement.
b) Create an open platform for innovative research work in sustainable electrical power systems.
c) Nurture creative thinking with understanding engineering principles and develop real-time solutions for global problems with industry collaboration.
d) Deploy energy efficient and green energy technologies to address social, environmental, and economical effects.

- **LABS/WORKSHOPs:**

UG Laboratories

S. No	Name of the Lab
1	Analog and Digital Electronic Circuits Lab
2	Measurements and Instrumentation Laboratory
3	Control Systems Laboratory
4	Numerical Methods and Programming Analytical Lab
5	Power Electronics Lab
6	Electrical Machines – I Lab
7	Electrical Machines – II Lab
8	Power Systems & Renewable Energy Laboratory

PG Laboratories

S. No	Name of the Lab
1	Power Electronics & DC Drives Laboratory
2	AC Drives Laboratory

- **FACULTY:**

1. Dr. V. Sandeep (Assistant Professor)
2. Dr. N. Jayaram (Assistant Professor)
3. Dr. P. Sankar (Assistant Professor)
4. Dr. K. Sri Phani Krishna (Assistant Professor)
5. Dr. T. Kiran (Assistant Professor)

- **RESEARCH SCHOLARS**
  - Number of full-time research scholars: 21
  - Number of part-time research scholars: 22

4.7 Mechanical Engineering

The Department of Mechanical Engineering at NIT Andhra Pradesh, offers a B.Tech. Undergraduate programme in Mechanical Engineering, Two M. Tech programmes Manufacturing Engineering and Thermal Engineering and Mechanical Engineering also, M.S. (by research) and Ph.D. programmes (Full time and Part-time). The department was incepted in the year 2015 with a sanctioned intake of 60 students currently the enhanced intake is 120 students for the B.Tech. (ME) programme. The B.Tech. curriculum offered by the department includes of core courses that provide a comprehensive theoretical foundation which is supplemented through industry relevant elective courses and a project component. The department offers two M. Tech. programmes in programmes Manufacturing Engineering and Thermal Engineering with an intake of 15 students, from

the Academic Year 2020-21 onwards. The M. Tech. curriculum is designed in such way to provide a theoretical and practical foundation for conducting high-quality research. Regular faculty in the department are experienced and possess degree from Institutes of national importance. Faculty members in the department work on research domains such as Design, Manufacturing, Therman and Materials Sciences to name a few.

- **VISION:**

  The Mechanical Engineering Department endeavours to be recognized globally for outstanding education and research leading to well qualified engineers, who are innovative, entrepreneurial and successful in advanced fields of mechanical engineering to cater the ever-changing industrial demands.

- **MISSION:**

  - To impart mechanical engineering education with latest teaching learning processes.
  - To equip the students with the advanced tools to make them suitable for global employment and societal requirements.
  - To train the students to solve engineering problems in multi-disciplinary areas.
  - To inculcate professional ethics and human values.

- **LABS/WORKSHOPS:**

S. No	Name of the Lab
1.	Mechatronics lab,
2.	Manufacturing lab with CNC Turing and Milling Centres
3.	Advanced Welding Laboratory
4.	Foundry Technology Laboratory
5.	CAD/CAM/CAE Laboratory
6.	Machine Shop,
7.	Workshops and Drawing Halls

- **FACULTY:**

  1. Prof. G. Ravi Kiran Sastry, (Professor)
  2. Dr. Veeresh Kumar G B, (Assistant Professor)
  3. Dr. T. Karthikeya Sharma, (Assistant Professor)
  4. Dr. Thella Babu Rao, (Assistant Professor)
  5. Dr. Santhosh Kumar Gugulothu, (Assistant Professor)
  6. Dr. Hymavathi Madivada, (Assistant Professor)

- **RESEARCH SCHOLARS**
  - Number of full-time research scholars: 12
  - Number of part-time research scholars: 46

4.8 Metallurgy and Materials Engineering

The Department of Metallurgical and Materials Engineering is progressing at a rapid pace with development in both infrastructure and academic programmes. The department has highly qualified faculty members with research interests in the following areas: Extractive Metallurgy; Metallurgical Waste Utilization; Welding Metallurgy; High Temperature Corrosion; Additive Manufacturing; Powder Metallurgy; Materials Characterization; Energy-, Bio- and Nano Materials. The department offers B.Tech., M.S. (by Research) and Ph.D. Programmes (Full Time/Part Time).

- **VISION:**

  The vision of the Department is to be a recognized center of knowledge, experience, ingenuity, research, education, and leadership that is unique in scope and unsurpassed in dedication to its students and the nation.

- **MISSION:**

- To provide high-quality education and training in Metallurgy and Materials Science & technology and to prepare graduates for productive careers in engineering and allied fields.
- To motivate the graduates to discover and disseminate new knowledge through creative activity in research.
- To engage in collaborative research with academia, R&D and industry partners and extend our expertise as and when needed for testing, consultancy and dealing the solution oriented industrial problems.
- To provide service to the state, nation, and world by advancing the frontiers of science and engineering of materials, and, through these efforts, to enhance the human condition.

- **LABS/WORKSHOPs:**

S. No	Name of the Lab
1.	Physical Metallurgy
2.	Extractive Metallurgy
3.	Powder Metallurgy
4.	Materials Testing
5.	Materials Forming
6.	Foundry and Casting
7.	Corrosion Engineering
8.	Heat Treatment

- **FACULTY:**

1. Dr. R. Sunil Kumar (Assistant Professor)
2. Dr. Raffi Mohammed (Assistant Professor)
3. Dr. Raghu Nandan Ummethala (Assistant Professor)

- **RESEARCH SCHOLARS:**
  - Number of full-time research scholars: 6
  - Number of part-time research scholars: 5

4.9 School of Sciences

The School of Sciences, National Institute of Technology Andhra Pradesh, was initiated in the same year of establishment of the institute. The School of Sciences encompasses the basic departments in Sciences- Mathematics, Physics and Chemistry. Presently, the School offers all the basic science courses to the undergraduate engineering students of the institute.

The Department is equipped with good number of faculty who have obtained Ph.D. degrees from internationally reputed institutes. The Department is strengthened with the services of faculty members having rich expertise in the areas of Differential equations, Linear Algebra, Functional Analysis, Mathematical Physics, magnetic materials, photonic materials, shape memory alloys, nano materials, energy materials, synthetic methods for biologically active molecules, peptide chemistry, molecular self-assembly, glyconanoparticles, click chemistry, corannulene chemistry and antibacterial materials. The faculty of the department are highly motivated with a strong commitment to teaching and research. Faculty members involve in the execution of sponsored research projects funded by SERB, UGC, UGC DAE CSR, and etc. Also, faculty have been taking active part in the development of the institute.

Department has already established physics and chemistry laboratories for the undergraduate students. Overall, the academic, and research activities of the school is aimed to provide a vibrant, all-inclusive and progressive environment for all the individual faculty members and the students involved and the team together.

- **VISION:**

To offer quality education in the significant domains of basic and applied sciences by developing vibrant academic and research eco-system capable of nurturing and producing competent engineers and scientists.

- **MISSION:**
  - Expose students to the key areas of basic sciences by developing a conducive and progressive teaching-learning ambience augmented with research insights.
  - To inculcate and nurture innovative capabilities in students by offering project-based learning and internship practices.
  - To undertake active multi-disciplinary research projects with industry through consultancy and collaborative initiatives in the areas of expertise.
  - Encourage students to enhance scientific potential for catering to societal needs.

- **FACULTY:**

1. Dr. Kurmayya Tamminana, (Associate Professor)
2. Dr. R. Arun Kumar, (Assistant Professor)
3. Dr. Sudarshan Dhua, (Assistant Professor)

4. Dr. Tapas Paramanik, (Assistant Professor)
5. Dr. J. Krishnamurthy, (Assistant Professor)
6. Dr. M. Ramudu, (Assistant Professor)
7. Dr. M. Amarendar Reddy, (Assistant Professor)
8. Dr. Sharad Dwivedi, (Assistant Professor)
9. Dr. Surendra H. M., (Assistant Professor)

- **RESEARCH SCHOLARS**
  - Number of full-time research scholars: 21
  - Number of Part-time research scholars: 7

4.10. School of Humanities and Management

School of Humanities and Management came into existence in August 2018. School houses two departments, that is, Department of Humanities and Department of Management. The school offers core and elective courses for B. Tech degree program and an audit course for PhD program. The school has eleven part-time and two full-time research scholars.

- **VISION:**
  To edify the young minds to enable them achieve intellectual excellence and personal refinement by fine-tuning their linguistic and managerial skills
- **MISSION:**
  To stimulate critical thinking and creativity in students through pedagogic innovations and cutting-edge research and thereby, develop School of Humanities and Management as a centre of academic excellence that meets global standards

- **FACULTY:**
  1. Dr.Soumya Jose, (Assistant Professor).

- **RESEARCH SCHOLARS**
  - Number of full-time research scholars: 2
  - Number of part-time research scholars: 10

5 PUBLICATIONS

5.1 International Journals

1. P. J. Babu, A. Tirkey, and **J. M. R. Tingirikari**, “A review on recent technologies adopted by food industries and intervention of 2D-inorganic nanoparticles in food packaging applications,” Eur. Food Res. Technol., vol. 247, no. 12, pp. 2899–2914, Dec. 2021, doi: 10.1007/s00217-021-03848-1.
2. R. P. Singh, J. Niharika, K. K. Kondepudi, M. Bishnoi, and **J. M. R. Tingirikari**, “Recent understanding of human milk oligosaccharides in establishing infant gut microbiome and roles in immune system,” Food Res. Int., vol. 151, p. 110884, Jan. 2022, doi: 10.1016/j.foodres.2021.110884.
3. 3.P. J. Babu and **J. M. R. Tingirikari**, “A review on polymeric nanomaterials intervention in food industry,” *Polym. Bull.*, Jan. 2022, doi: 10.1007/s00289-022-04104-6.

4. **J. M. R. Tingirikari** and A. Musini, “Bioactive Compounds from Plants and their Immune Potential against Corona Virus,” *Curr. Nutr. Food Sci.*, vol. 18, Mar. 2022, doi: 10.2174/1573401318666220308155721.
5. J. John, F. Coulon, and **P. V. Chellam**, “Detection and treatment strategies of per- and polyfluoroalkyl substances (PFAS): Fate of PFAS through DPSIR framework analysis,” *J. Water Process Eng.*, vol. 45, p. 102463, Feb. 2022, doi: 10.1016/j.jwpe.2021.102463.
6. M. S. Manzar, T. Ahmad, N. Ullah, **P. V. Chellam**, J. John, M. Zubair, R. J. Brandão, L. Meilif, O. Alagha, and E. Çevik, “Comparative adsorption of Eriochrome Black T and Tetracycline by NaOH-modified steel dust: Kinetic and process modeling,” *Sep. Purif. Technol.*, vol. 287, p. 120559, Apr. 2022, doi: 10.1016/j.seppur.2022.120559.
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8. Sounderarajan S, **Puchalapalli Dinesh Shankar Reddy**, Ayothiraman S (2022) Effect of synthetic fatty liquor and neatsfoot oil as co-contaminants on the reduction of hexavalent chromium using Fusarium oxysporum and its kinetic study, Environ Sci Pollut Res Int. DOI: https://doi.org/s11356-022-21080-6
9. K.V.V. Satyannarayana, S.L.S. Rani, S. Baranidharan, **R. Vinoth Kumar***, Indigenous bentonite based tubular ceramic microfiltration membrane: Elaboration, characterization, and evaluation of environmental impacts using life cycle techniques, Ceramics International, DoI: 10.1016/j.ceramint.2022.03.156, In Press, 2022 (Impact Factor: 5.532).
10. **R. Vinoth Kumar***, A.K. Ashim Kumar Basumatary, G. Pugazhenthi, Fabrication of Industrially Feasible Zeolite Membrane for the Removal of Hexavalent Chromium, Int. J. of Environment and Sustainable Development, DoI: 10.1504/ijesd.2022.10047194, In Press, 2022.
11. C.S. Shivamathi, S. Gunaseelan, M.R. Soosai, N.S. Vignesh, P. Varalakshmi, R.S. Kumar, S. Karthikumar, **R. Vinoth Kumar**, R. Baskar, S.P. Rigby, A. Syed, A.M. Elgorban, I.G. Moorthy, Process optimization and characterization of pectin derived from underexploited pineapple peel biowaste as a value-added product, Food Hydrocolloids, 123 (2022) 107141 (Impact Factor: 11.504)
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13. S.L.S. Rani, **R. Vinoth Kumar***, Fabrication and characterization of ceramic membranes derived from inexpensive raw material fuller's earth clay, Materials Science and Engineering: B, 284 (2022) 115877.
14. R. Chinthayya Naidu, **P. Dinesh Sankar Reddy**, Comparative Studies on the effect of pyrolyzed custard apple (Annona squamosa) leaves as an adsorbent in the removal of fluoride from waste water, *Asian Journal of Chemistry. 2022.*
15. P. Narasimha Siva Teja, S. K. Gugulothu, **P. Dinesh Sankar Reddy**, Abdul Ashraf, B.Deepanraj, and P. Thillai Arasu, Numerical Study on the Thermal Enhancement of Phase

Change Material with the Addition of Nanoparticles and Changing the Orientation of the Enclosure, *Journal of Nanomaterials, 2022,* (https://doi.org/10.1155/2022/6428469). (scopus)

16. Mahadeva Raju G. K., Chaitra Srikanth, G.M. Madhu, **P. Dinesh Sankar Reddy,** Karthik K. V., Fly Ash Epoxy Composites with Superior Fire-Retardant Properties, *Advanced Materials Research,* 1172, 83-94 (https://doi.org/10.4028/p-hfbu93), 2022. (Scopus)
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23. Satyannarayana, R., and **Rajesh, B. G**. (2021). "Seismotectonic map and seismicity parameters for Amaravati area, India." Arabian Journal of Geosciences, Springer, Springer (ISSN: 1866-7511, Impact Factor: 1.827/2020) Switzerland (In press, available online since November 11, 2021 with doi: https://doi.org/10.1007/s12517-021-08622-x).
24. Satyannarayana, K. V. V., Sandhya Rani, S. L., **Baranidharan, S.,** and **Kumar, R**. V. (2022). "Indigenous bentonite-based tubular ceramic microfiltration membrane: Elaboration, characterization, and evaluation of environmental impacts using life cycle techniques." Ceramics International, Elsevier. (https://doi.org/10.1016/j.ceramint.2022.03.156) ISSN: 0272-8842 (***Scopus and Web of Science Indexed)***
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44. VPC Reddy, **Kiran Kumar Gurrala** "Joint DR-DME classification using deep learning-CNN based modified grey-wolf optimizer with variable weights" Biomedical Signal Processing and Control (Elsevier), Vol. 73, Mar. 2022.
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26. Vishalteja Kosana, **Kiran Teeparthi** and Abu ul Hassan S Rana, "Cognitive technology for a personalized seizure predictive and healthcare analytic device." In Cognitive and Soft Computing Techniques for the Analysis of Healthcare Data, pp. 29-58. Academic Press, Jan 2022.https://doi.org/10.1016/B978-0-323-85751-2.00012-8

27. **S.K. Gugulothu**, B.Bhasker, V.V.Phani Babu, "Numerical Investigation of the shock train in a scramjet isolator with the effects of back pressure and divergent angles "for the book titled "Non-road Engines - Development, Current and Prospective Applications," ISBN 978-1-83968-032-8.

28. Balasubramanian, Dhinesh, P. V. Inbanaathan, **S. K. Gugulothu**, and Marcin Noga. "Characterization of Single-Cylinder DI Diesel Engine Fueled with Waste Cooking Oil Biofuel/Diesel Blends." In Alternative Fuels and Advanced Combustion Techniques as Sustainable Solutions for Internal Combustion Engines, pp. 173-196. Springer, Singapore, 2021

29. Ramachander, J., **Gugulothu, S.K., Sastry, G.R**. and Rafiuzzama, S., 2021. Experimental Analysis of a Generator Set Operating on Di Diesel Fuel and Ethanol Fumigation at Different Loads. In Advances in Clean Energy Technologies (pp. 387-402). Springer, Singapore

30. Korasikha Naga Ramesh, **Thopudurthi Karthikeya Sharma**, Gadale Amba Prasad Rao, and Kotha Madhu Murthy. "Recent Advancements in Thermal Performance Enhancement in Microchannel Heatsinks for Electronic Cooling Application." (2021). 10.5772/intechopen.97087.

31. Samikhya Das and **Soumya Jose**. Advertisement and Social Media: An Open ground for body shaming.Medai,Language, and Literature:Current Indo-German Approaches.University of Kerala,2022

6 PATENTS FILED:

1. **Title**: Single Fuel Filter Media to Meet Particle and Water Separation Efficiency
Name of PI: Dr. Veeresh Kumar GB
Patent Applied To: Indian Patent Office
Date of Filed: 27/02/2021

2. **Title**: Twin Suction Tube in Diesel Fuel Filters
Name of PI: Dr. Veeresh Kumar GB
Patent Applied To: Indian Patent Office
Date of Filed: 30/03/2021

3. **Title**: Low-Cost Automatic Water in Fuel Sensor for Water Draining System in Diesel Fuel Filters
Name of PI: Dr. Veeresh Kumar GB
Patent Applied To: Indian Patent Office
Date of Filed: 30/03/2021

4. **Title**: Integrated High-Pressure Water Jet Cleaning Apparatus in Automobile
Name of PI: Dr. Veeresh Kumar GB
Patent Applied To: Indian Patent Office
Date of Filed: 30/03/2021

5. **Title**: Low-Cost Sunlight Harvesting System for Rural Indoor Lighting
Name of PI: Dr. Veeresh Kumar GB
Patent Applied To: Indian Patent Office

	Date of Filed: 30/03/2021
6.	**Title**: Krishi Yantra (Semi-Autonomous Agriculture Robot7.) **Name of PI**: Prof G Ravi Kiran Sastry, Dr. Veeresh Kumar GB, Dr Santhosh Kumar Gugulothu **Patent Applied To**: Indian Patent Office **Date of Filed:** 14-05-2021
7.	**Title**: A Nobel Study on a Diesel Engine fuelled with different blends of Leucas Zeylancia Methyl Ester (LZME) and 2-ehn Diesel Additive with Diesel **Name of PI:** Prof G Ravi Kiran Sastry, Dr Santhosh Kumar Gugulothu **Patent Applied To**: Indian Patent Office **Date of Filed:** 05-07-2021
8.	**Title**: An Edge Computing Stack for Monitoring and Controlling of Electrical Loads Through Smart Power Line Communication. **Name of PI**: Dr. Sri Phani Krishna Karri & Mr. L N Sastry Varanasi. **Patent Applied To:** Indian Patent Office **Date of Filed:** 30.07.2021
9.	**Title:** An Output System for a W-band Second Harmonic Gyrotron **Name of PI**: S. Adya, D. Mondal, S. Yuvaraj, S. Karmakar, M. V. Kartikeyan **Patent Applied To**: Indian Patent Office **Date of Filed:** 20.09.2021
10	**Title**: A Scalable Parallel Web Directory Constructor **Name of PI**: Karthick Seshadri **Patent Applied To**: German Patent Office (Grant Certificate No: 202022100124) **Date of Filed:** March 2022
11	**Title:** An Edge Computing Stack for Monitoring and Controlling of Electrical Loads Through Smart Power Line Communication **Name of PI:** Mr. L N Sastry Varanasi, Dr. Sri Phani Krishna Karri **Patent Applied To**: Indian patent office **Date of Filed:** 06.08.2021

7 Centre for Research Innovation Incubation & Consultancy (CRIIC):

"Centre for Research Innovation Incubation & Consultancy (CRIIC)" of NIT Andhra Pradesh with the verticals Research & Consultancy and Innovation Incubation & Entrepreneurship aims to strengthen the research profile of the institute and acts as interface for all the research projects and consultancy works. Further, the centre targets to strengthen Institute Innovation-entrepreneurship eco-system. The following events are organized by CRIIC in the year 2021.

S.No.	Name of the Event	Dates
1	Scope of Technopreneurs in Academic Institutions Jointly with Department of Biotechnology Coordinators.: Dr. V. Sudarshana Deepa, Dr. A. Sreenivasan, Dr. E. Rajeswara Reddy.	04th to 08th October 2021
2	Ansys for High Frequency Electromagnetics and 5G Technology (Jointly with ECE Department) (Coordinator.: Dr. S. Yuvraj)	23rd and 24th September 2021
3	Design Thinking (Jointly with CSE Department) Coordinators.: Dr. S. Karthick, Dr. S. Nagesh Bhattu.	4th, 5 th, 12 th, 18 th and 19 th September 2021
4	3D printing and Design (Jointly with EE Department) Coordinators.: Dr. V. Sandeep, Dr. T. Ramesh, and Dr. P. Sankar.	26th to 30th July 2021
5	Business Success Stories from Entrepreneurs Coordinators.: Dr. P. Sankar and Dr. V. Sandeep.	21st to 25th June 2021

8 R & D PORJECTS (Ongoing and Sanctioned projects)

S. No	Project Leader	Department	Sponsoring Agency	Title and Scope of Project	Total (Estimated in Lakhs)
1.	Vinoth Kumar Raja	Chemical Engineering	DST-SERB (Science and Engineering Research Board, Govt. of India)	Indigenous Elaboration of Low-Cost Tubular Ceramic Membrane Forthe Clarification of Citrus	Rs. 28 Lakhs
2.	Dr. P. Dinesh Sankar Reddy		IUAC	Development of Nano-contrast Agents for Cancer Detection and Investigations on the effect of SHI on the dual modal imaging characteristics	Beam Time
			Central Pollution Control Board	Random Verification of Annual Inventory on Hazardous Waste Management and allocating 18 units for verification	Rs.4.32
3.	Dr. T Reshma	Civil Engineering	DST-SERB	Monitoring and Analysis of Non-Point Source (NPS)Pollutants in an Agricultural Watershed using Soil Water Assessment Tool (SWAT	Rs. 3188220
4.	Dr. Karthick S & Nagesh Bhattu S	Computer science engineering	IDRBT Hyderabad	Intelligent Banking Kiosk	Rs. 32
5.	Dr. Karthick S & Nagesh Bhattu S		LinkedIn	A resource requirement characterization, prediction and provisioning framework for elastic clouds.	Rs. 20
6.	Dr. Karthick S		IISc	Design and evaluation of a deep neural framework for inferring and ranking causes for sentiments in product reviews.	Rs. 3.6
7.	Dr. Karthick S, Dr. Himabindu K and Dr. Nagesh Bhattu S		MEITY, GoI	Leveraging Quantum Computing for efficient learning and inference in probabilistic graphical models.	Rs. 15
8.	Dr. Jayaram Nakka		Science and Engineering Research	Hybrid Cascaded diode Clamped Multilevel	Rs.30 (completed)

			Board (SERB), New Delhi, India	converter for efficient on/off grid connected renewable energy system addressing the problem of power mismatch conditions	
9.	Dr. Tejavathu Ramesh		Science and Engineering Research Board (SERB), New Delhi, India	Development of Five-Level Inverter Fed Direct Torque and Flux Controlled Sensor Less Permanent Magnet	Rs. 40
10.	Dr. V. Sandeep & Dr. P. Sankar (Project Managers)	Electrical Engineering	Department of Scientific and Industrial Research (DSIR), Ministry of Science & Technology, GoI	Common Research and Technology Development Hub (CRTDH) in the Renewable Energy Sector	Rs. 715
11.	Dr. Sri Phani Krishna Karri		Science and Engineering Research Board (SERB), New Delhi, India	Edge Device deployable Deep Learning Model for screening of Diabetic Retinopathy and Glaucoma in Rural India H-F Score	Rs. 30
12.	Dr. Puli Kishore Kumar	Electronics and Communication Engineering	SERB-EEQ sponsored	Development of Compressive Sensing based High Resolution Two-Dimensional Direction of Arrival Estimation Algorithms	Rs. 25.2930
13.	Dr. Narasimha Rao Banavathu		SERB	Efficient Deployment of Unmanned Aerial Vehicles for Wireless Networks Scope: The project investigates the deployment of multiple UAVs to provide reliable communication with ground users.	Rs. 20.14
14.	Dr. Thella Babu Rao	Mechanical	DST (ARCI)	Analytical modeling of laser assisted milling and turning	Rs. 11.00
15.	Dr. Sharad Dwivedi		SERB	"Investigation of Ultrafast Magnetization Dynamics in a Network of Ferromagnetic Nanostructures" Scope: We intend to study the stability and controllability properties of steady-states of a higher-dimensional network models of Landau-Lifshitz-Gilbert equation with	Rs. 20,01,307

		School of Sciences		an inclusion of inertial effects.	
16.	Dr. Tapas Paramanik		UGC DAE CSR	To study structural, electronic and magnetic properties of half-metallic spintronics materials: Fe-based quaternary Heusler alloys	Rs. 7
17.	Dr J Krishnamurthy		INDIA-TAIWAN, sponsored by GITA, DST	Multiferroic Materials for Future Electromagnetic based Solid-State Refrigeration Technology	Rs. 74
			SERB-CRG	Unveil the multifunctional properties of multiferroic DyVO3 and HoVO3 epitaxial structures and explore the possible RVO3 (R= rare-earth) spintronic devices	Rs. 27
18.	Dr. R. Arun Kumar		SERB CRG	Development of phosphor-in-glass materials for efficient white light generation Scope: The project aims to develop phosphor-in-glass materials for efficient white light generation	Rs. 30,43,832
			IUAC, New Delhi	Development of Novel Thermoluminescent and Photoluminescent nanomaterials and Investigations on Their Response to C and Ag ions irradiation Scope: The project aims to prepare nanomaterials and undertake systematic investigations on their response to C and Ag ions irradiation, and study the PL and TL characteristics of the nanomaterials.	Rs.10,11,000

9 MOUs

S.No.	Firm Name	Date Of Mou and Period	Field
1.	Dr. Y.S.R. Horticultural University, Tadepalligudem	02-04-2021	Bioscience and Biotechnology
2.	SCARLET Industries, Hyderabad	12-07-2021	Mobile Satellite Communication
3.	BITSILICA, Hyderabad	12-07-2021	Semiconductor Design
4.	InstaSine Power Technologies Pvt. Ltd., Mumbai	12-07-2021	Power Quality Enhancement in Renewable Systems
5.	National Council for Cement and Building Materials, Ballabgarh	08-09-2021	Research Collaborations
6.	IIT Madras	23-09-2021 Five Years	Academic Collaborations
7.	National Institute of Hydrology, Roorkee & Kakinada	09-11-2021 Three Years	Research Collaborations in Geospatial Technologies in the field of water resource management
8.	Joint MoU NIT Andhra Pradesh, Adikavi Nannaya University, Rajahmundry Dr. Y.S.R. Horticultural University, Tadepalligudem Jawaharlal Nehru Technological University, Kakinada	27-11-2021	Research and Academic Collaborations

10 AFFILIATION WITH INTERNATIONAL EXPERTS

S. No.	Name Of Faculty	International Expert	Activity
1	**Dr. Vinoth Kumar Raja**	Prof. C. Suryanarayana Department of Mechanical and Aerospace Engineering, University of Central Florida, **Orlando, USA.**	GIAN Course (Approved)
		Prof. Adrian MT Silva Laboratory of Separation and Reaction Engineering, Department of Chemical Engineering, Faculty of Engineering, University of Porto, R. Dr. Roberto Frias, 4200-465, **Porto, Portugal**.	Carrying out collaborative research works and publishing research papers jointly
		Dr. Sergio Morales-Torres Carbon Materials Research Group, Department of Inorganic Chemistry, Faculty of Sciences, University of Granada, Campus Fuentenueva s/n, **Granada** 18071, **Spain.**	Carrying out collaborative research works and publishing research papers jointly
		Dr. Arivalagan Pugazhendhi Innovative Green Product Synthesis and Renewable Environment Development Research Group, Faculty of Environment and Labour Safety, Ton Duc Thang University, Ho Chi Minh City, **Vietnam.**	Carrying out collaborative research works and publishing research papers jointly
		Dr. Najat Marraiki Department of Botany and Microbiology, College of Science, King Saud University, P.O. Box 2455, **Riyadh** 11451, **Saudi Arabia.**	Carrying out collaborative research works and publishing research papers jointly
3.	**Dr. Sri Phani Krishna Karri**	Collaboration with Dr. Sri Rajsekhar from Penn State University in the area of Medical Imaging	Carrying out collaborative research works and publishing research papers jointly
4.	**Dr. Sankar. P**	Brij N. Singh, Technical Fellow, One John Deere Place Moline, IL 61265, Power Electronics Engineering in John Deere USA.	Collaboration initiated in the area of “Reliability aspects on distribution edge power converters enabling higher penetration of rooftop photovoltaics
5.	**Dr. V. Sandeep**	Dr. S Surender Reddy, Department of Railway and Electrical Engineering, Woosong University, Daejeon, Korea in the area of Microgrids.	Carrying out collaborative research works and publishing research papers jointly

11 Seminars/workshops/symposia/FDPs

Various departments of NIT Andhra Pradesh have organized several seminars, workshops and online faculty development programs. We present the seminars, workshops, and FDP organized at NIT Andhra Pradesh are presented department-wise below.

S. No	Title	Department	Co-Ordinator	Place and Date	Sponsored
1.	Drug Discovery: From lab to Industry. (Online Faculty Development Programme	Bio-tech Engineering	Dr. T. Jagan Mohan Rao and Dr. Shreya Dubey	Department of Biotechnology, NIT Andhra Pradesh.	Self (Through registrations)
2.	Waste to Bio-energy: A Sustainable solution. (Online Faculty Development Programme)		Dr. T. Jagan Mohan Rao, Dr. Tamilmani J and Dr. Sanjay Kumar	Department of Biotechnology, NIT Andhra Pradesh. Sep 13th to Sep 17th 2021	
3.	Bioremediation: Photo & Electrochemical Bioreactors. (Online Workshop)		Dr. Sudarshana Deepa, Dr. Sanjay Kumar and Dr. Tamilmani	Department of Biotechnology, NIT Andhra Pradesh. Oct 25th to Oct 29th 2021.	Self (Through registrations
4.	Biovalorisation: Trend and Prospects of Value-Added Products. (Online Faculty Development Programme)		Dr. T. Jagan Mohan Rao, Dr. M. R. D. S. Nitish Venkateswarlu and Dr.P. Manasa	Department of Biotechnology, NIT Andhra Pradesh. Jan 03rd to Jan 07th 2022.	
5.	Awareness Program on IPR and Role of IPR in Academia and Research. (Webinar)		Dr. T. Jagan Mohan Rao, Dr. Ranjana Kumari, Dr. V. C.Padmanaban and Office Dean (R&C)	Research & Consultancy Division and Department of Biotechnology, NIT Andhra Pradesh Feb 01st 2022.	
6.	Hydro climatological Modelling Tools & Techniques and their Applications		Dr. T Reshma	13th -17th, June 2022	DST-SERB
	A five-day online FDP on “Advances in Water Resources Management”			NIT AP, 16-20 May 2022	Self (Through registrations)

7.	A five-day SERB sponsored workshop on “Hydroclimatological Modelling Tools & Techniques and their Applications”	Civil Engineering	Subbarao Pichuka	NIT AP, 13-17 June 2022	DST SERB
8.	Impact Lecture Session-I, in association with IIC Cell NIT Andhra Pradesh, on 30 June 2022.			with IIC Cell NIT Andhra Pradesh 30 June 2022.	MoE, GoI
9.	A webinar on “Demystifying blockchains and digital currencies”	Computer science and engineering	Karthick Seshadri	June 7, 2022	Cryptowire
10.	Five Days Online Faculty Development Programme on DEEP LEARNING FOR NLP		Dr. K. Hima Bindu and Dr. Nagesh Bhattu S	21st - 25th March 2022	Self (Through registrations)
11.	One day Workshop NIT Andhra Pradesh - Parallel and Distributed Programming using Python		Dr. Srilatha Chebrolu	23rd May 2022	SERB, DST
12.	Recent Trends in VLSI And Nano-Electronics: The Materials-Based Device Technology	Electrical and Electronics Engineering	Dr. Kiran Kumar G Dr. Ganapthy S Dr. Sunil Kumar Pradhan	NIT Andhra Pradesh, 15 th to 19 th March 2022	Self (Through registrations)
13.	Sparse Signal Processing and its Applications		Dr. Puli Kishore Kumar	National Institute of Technology Andhra Pradesh, India 18th to 22nd Oct-2021	AICTE Training and Learning (ATAL)
14.	Ansys for High Frequency Electromagnetics and 5G Technology		Dr. Yuvaraj S	NIT Andhra Pradesh 23-24 September 2021	ARK Infosolutions
15.	Power Electronics Applications in Smart Grids and Electric Vehicles (PEASE - 2021)		Dr. T. Ramesh	25th - 29th June 2021	AICTE ATAL Academy Sponsored FDP
16.	3D Printing & Design		Dr. V. Sandeep, Dr. T. Ramesh & Dr. P. Sankar	26th - 30th July 2021	NIT AP
17.	Data-Driven Strategies in Smart Power System and Control -2021		Dr. Kiran Teeparthi & Dr. Sri Phani Krishna K	22nd – 26th Nov 2021	AICTE ATAL Academy Sponsored FDP

18.	Creativity and Innovation	Electrical and Electronics Engineering	Dr. V. Sandeep	29th Dec 2021	EED Association, NIT AP
19.	Unmanned Ground Vehicles (UGV) & Unmanned Aerial Vehicle / Drones (UAV)		Dr. V. Sandeep, Dr. T. Ramesh & Dr. P. Sankar	5th – 6th Mar 2022	NIT AP
20.	Three Day Skill Development Hands-on Workshop on "Drones		Dr. T. Ramesh & Dr. V. Sandeep	16th -18th March 2022	E-Yantra Club & EE NIT AP
21.	Industry 4.0 and Additive Manufacturing	Mechanical Engineering	Dr. Thella Babu Rao	NIT Andhra Pradesh 5-9, July 2021	AICTE (ATAL),
22.	New frontiers of Mechanical Engineering in Modern Era		Dr. Hymavathi Madivada	NIT Andhra Pradesh, 22nd March, 2022	NIT Andhra Pradesh
23.	Five-days online Faculty Development Programme on "Advances and Challenges in Chemical Sciences"	School of sciences	Dr. Amarendar Reddy M. Dr. Surendra H. Mahadevegowda)	NIT ANP, 20th to 24th September 2021	NIT ANP

12 INVITED LECTURES AND OUTREACH ACTIVITIES

1. **Dr. T. Jagan Mohan Rao** was invited speaker in international conference on Recent innovations in Chemical and Biological Engineering, RICBE-2k21 on "Microbiota

accessible pectin polysaccharides in gut health" during 16th to 18th Sep 2021, RGUKT-Nuzvid campus, Andhra Pradesh.

2. **Dr. T. Jagan Mohan Rao**, was invited as speaker in AICTE-ISTE sponsored Induction/Refresher Programs on the topic "Role of Biotechnology in Mitigation of Pollution and Restoration of Environment" during 11th to 17th Jan 2022 on " Transforming the agro waste derived from the fruit juice industry to functional foods". organized by Department of Biotechnology, GIET University, Gunupur-765022, Odisha.

3. **Dr. Seenivasan Ayothiraman** was invited to talk on "Valorization of shellfishery waste" by The Department of Biotechnology and SVCE BioAcademy, a technical blog of Student Biotech Forum (SBF), as a part of the BioTalks series on 24th Mar 2022.

4. **Dr. Seenivasan Ayothiraman** was keynote Speaker in AICTE Sponsored STTP on an awareness programme – Green Engineering Concepts and Treatment methods for Farmer in Rural Area, series II, Department of Chemical Engineering, Paavai Engineering College, Namakkal, Tamil Nadu on 13th Nov 2021.

5. **Dr. Seenivasan Ayothiraman** was keynote Speaker in the 05-days Webinar organized by the Department of Mechanical Engineering, National Institute of Technology, Agartala from 15th-19th Mar 2021 on "Biomass and Bioenergy".

6. **Dr. Seenivasan Ayothiraman** has served as Ph. D. Examiner for the Thesis "Development of a Self-Sustainable Microbial Electrochemical Reactor for Bioremediation of Industrial Waste" Manipal University Jaipur on 29th Oct 2021.

7. **Dr. Karthick Seshadri** delivered a keynote address on "The role of technical institutions in Human Resource Development" in the Andhra Pradesh Council of Science and Technology, Govt. of AP, 21 October, 2021.

8. **Dr. Karthick Seshadri** delivered a lecture on "Workload characterization techniques for cloud capacity planning and scheduling algorithms for Cloud", in the FDP on Cloud Computing, Thiagarajar College of Engineering, Madurai, 17 July 2021.

9. **Dr. Karthick Seshadri** delivered a lecture on "Unsupervised Learning" in the FDP on AI organized by JNTUA, 28 Aug 2021.

10. **Dr. Karthick Seshadri** delivered a lecture on "Graph embeddings and metric learning models", TCE, Anna University, 9th Oct 2021.

11. **Dr. Karthick Seshadri** delivered a lecture on" Cloud Computing" in Thiagarajar College of Engineering, Madurai on 3, May 2022.

12. **Dr. K. Hima Bindu** delivered a lecture on “Deep Learning for NLP Applications” at JNTU Hyderabad on 2nd September 2021.

13. **Dr. K. Hima Bindu** delivered a lecture on “NLP for Qualitative Research” at University of Hyderabad on 20th May 2022.

14. **Dr. K. Hima Bindu** delivered two lectures on “Deep Learning for NLP” at JNTU Hyderabad on 3rd June 2022.

15. **Dr. S. Nagesh Bhattu** has delivered lectures on “Sequence Labelling and RNN-LSTM” in an FDP jointly organized by NIT Warangal-VIT on 26/08/2021.

16. **Dr. Narasimha Rao B** delivered a talk on ``Cognitive Radio Technology for 5G Networks'' on 18th January 2022 at Chalapathi Institute of Technology, Guntur, Andhra Pradesh Sponsored by AICTE-ISTE.

17. **Dr. R. Arun Kumar** delivered a lecture on “Luminescent Nanoparticles for fabricating white LEDs” on 28 July 2021 at Mother Teresa University, Kodaikanal.

13 Human Resources

13.1 Teaching Staff

DEPARTMENT OF BIO-TECHNOLOGY



Dr. TINGIRIKARI JAGAN MOHAN RAO
Assistant Professor
(Head of the Department)

AREAS OF INTEREST:

- **Synthesis of Biopolymers,**
- **Functional health drinks,**
- **Development of Probiotics,**
- **Prebiotics,**
- **Bio flocculants, and**
- **In vitro Gut Model Studies**



Dr. A. SEENIVASAN
Assistant Professor

AREAS OF INTEREST:

- Applied Microbiology and Biotechnology; Biochemical Engineering;
- System Biology;
- Nanobiotechnology;
- Depolymerization of copolymers



Dr. RAJESWARA REDDY ERVA
Assistant Professor

AREAS OF INTEREST

- Microbial Biotechnology, Bioinformatics,
- Modelling,
- Simulation and Optimization of Bioprocesses



Dr. V. SUDARSHANA DEEPA
Assistant Professor

AREAS OF INTEREST:

- Plant Biotechnology;
- Environmental Biotechnology;
- Drug Delivery;
- Nanotechnology;
- Phytopharmacology

DEPARTMENT OF CHEMICAL ENGINEERING



Dr. VINOTH KUMAR RAJA
Assistant Professor
(Head of the Department)

AREAS OF INTEREST:

- Membrane Processes;
- Wastewater Treatment;
- Micropollutants Removal;
- Biofuels;
- Polymer Nanocomposites



Dr. PUCHALAPALLI DINESHSANKAR REDDY
Associate Professor

AREAS OF INTEREST:

- Interfacial Science,
- Thin Films,
- Nanotechnology,
- Fluid Mechanics,
- Environmental Engineering.

DEPARTMENT OF CIVIL ENGINEERING



Dr. S. BARANIDHARAN
Assistant Professor
(Head of the Department)

AREAS OF INTEREST:

- Water & Wastewater Treatment Process
- Fate and Transport of Emerging
- Contaminants & Monitoring Emerging
- Contaminants & Toxicity Studies Risk
- Life Cycle Assessment Bio-char for Contaminant Removal



Dr. GIRIDHAR RAJESH BANDE
Assistant Professor

AREAS OF INTEREST:

- Geotechnical Earthquake Engineering;
- Design of Coastal Geotechnical Structures;
- Soil Dynamics;
- Ground Improvement Techniques;
- Foundation Systems for High-Rise Structures



Dr. TALARI RESHMA
Assistant professor

AREAS OF INTEREST:

- **GIS-based hydrological modelling,**
- **Soft Computing Techniques,**
- **Watershed Modelling,**
- **Remote Sensing and GIS**



Dr. JAYANTHI N. V. PRATHYUSHA
Assistant Professor

AREAS OF INTEREST:

- Geotechnical Engineering;
- Environmental Geotechnology;
- Advanced Geomaterial Characterization;
- Sustainable geomaterials;
- Climate change and its impact on Geomaterials



Dr. SUBBARAO PICHUKA
Assistant Professor

AREAS OF INTEREST:

- Hydrological Extremes,
- Impact of Climate change on Hydroclimatic variables,
- Integrated Watershed Management,
- River Engineering



Dr. SHAIK MAHABU SUBHANI
Assistant Professor

AREAS OF INTEREST:

- **Smart materials and composites;**
- **Constitutive modelling;**
- **Concrete technology;**
- **Structural Health Monitoring**

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING



Dr. HIMABINDU KOMMANTI
Assistant Professor
(Head of the Department)

AREAS OF INTEREST:

- **Web Mining,**
- **Machine Learning,**
- **Big data,**
- **Educational Data Mining**



Dr. KARTHICK. S
Assistant Professor

AREAS OF INTEREST:

- Algorithms (Randomized, Approximation, Parallel),
- Machine Learning,
- Data Analytics,
- Web/Text Mining, Performance Modelling



Dr. NAGESH BHATTU SRISTY
Assistant Professor

AREAS OF INTEREST:

- **Machine Learning,**
- **Database Systems,**
- **Distributed Computing**



Dr. ALAVALAPATI GOUTHAM REDDY
Assistant Professor

AREAS OF INTEREST:

- **Cryptography &**
- **Information Security**



Dr. SRILATHA CHEBROLU
Assistant Professor

AREAS OF INTEREST:

- **Attribute reduction using Rough Sets,**
- **Boolean Reasoning and**
- **Evolutionary Algorithms**

DEPARTMENT OF ELECTRICAL ENGINEERING



Dr. V. SANDEEP
Assistant Professor
(Head of the Department)

AREAS OF INTEREST:

- **Microgrids, Smart Grids,**
- **Electric Vehicles,**
- **Power Electronics and Drives,**
- **Computer -Aided Design of Electric Machines,**
- **Energy Conversion,**
- **Energy Management**
- **Machine Learning (ML) and Artificial Intelligence (AI) in Power & Energy Systems**



Dr. SANKAR PEDDAPATI
Assistant Professor

AREAS OF INTEREST:

- **Reliability Aspects of Power Electronics Converters,**
- **Optimization Techniques, Assistive Technology**



Dr. JAYARAM NAKKA
Assistant Professor

AREAS OF INTEREST:

- **Power Electronics and Drives - High Power Factor Converters,**
- **Multilevel Converters/ Inverters (MLI/Cs),**
- **MLI/Cs applications in Renewable Energy Systems,**
- **Grid connected Renewable Energy Conversion Systems,**
- **AC/DC converters,**
- **Power Quality using STATCOM Technologies**



Dr. TEJAVATHU RAMESH
Assistant Professor

AREAS OF INTEREST:

- **Power Electronics and Drives,**
- **Electrical machines,**
- **Special Machines,**
- **Sensor less Drives,**
- **Multi-level Inverters,**
- **Hybrid Renewable Energy Systems,**
- **Electric Vehicles,**
- **Artificial Intelligence Application in Power Electronics and Drives.**



Dr. KIRAN TEEPARTHI
Assistant Professor

AREAS OF INTEREST:

- **Power System Security and Stability;**
- **Power System Operation and Control;**
- **Renewable Energy integration issues;**
- **Power System Optimization;**
- **Artificial Intelligence (AI) applications to Power Systems**



Dr. SRI PHANI KRISHNA KARRI
Assistant Professor

AREAS OF INTEREST:

- **Digital signal processing;**
- **Embedded systems;**
- **Machine learning;**
- **Electrical Machines**

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING



Dr. KIRAN KUMAR GURRALA
Assistant Professor
(Head of the Department)

AREAS OF INTEREST:

- **Cooperative Communication in Wireless Networks;**
- **Physical Layer Security**



Dr. PULI KISHORE KUMAR
Assistant Professor

AREAS OF INTEREST:

- **signal processing;**
- **communication;**
- **radars**



Dr. S. YUVARAJ
Assistant Professor

AREAS OF INTEREST:

- **RF and Microwave Engineering**
- **Microwave Sources and allied components (Especially Vacuum Electron Devices),**
- **Microwave Passive devices,**



Dr. KRISHNA CHAITANYA A
Assistant Professor

AREAS OF INTEREST:

- **Resource allocation in Wireless Networks;**
- **Information Theory;**
- **Coding Theory**



Dr. NARASIMHA RAO BANAVATHU
Assistant Professor

AREAS OF INTEREST:

- **Cooperative Communications;**
- **Spectrum Sensing;**
- **Cognitive Radio;**
- **Optimization;**
- **Internet of Things (IoT);**
- **Unmanned Aerial Vehicles (UAVs);**
- **Signal Processing for Communications;**
- **Distributed Sensor Networks and**
- **Decision/Data Fusion.**

DEPARTMENT OF MECHANICAL ENGINEERING



Dr. VEERESH KUMAR G. B
Assistant Professor
(Head of the Department)

AREAS OF INTEREST:

- **Material Science and Metallurgy,**
- **Composite Materials,**
- **Manufacturing Technology,**
- **Artificial Neural Networks**



Dr. G. RAVI KIRAN SASTRY
Professor

AREAS OF INTEREST:

- **IC engine combustion,**
- **Biodiesel and other biofuels,**
- **Regulated and unregulated emissions**



Dr. SANTHOSH KUMAR GUGULOTHU
Assistant Professor

AREAS OF INTEREST:

- **Cavitation,**
- **Heat Transfer in Space Applications,**
- **IC engines,**
- **Energy Efficient Thermal Systems,**
- **Computational Fluid Dynamics,**
- **Micro-scale flows and biological application of Ultrasound.**



Dr. T. KARTHIKEYA SHARMA
Assistant Professor

AREAS OF INTEREST:

- **IC engines,**
- **Refrigeration and Air Conditioning,**
- **Energy Efficient Thermal Systems,**



Dr. HYMAVATHI MADIVADA
Assistant Professor

AREAS OF INTEREST

- **Optimization of Scheduling and Inventory Problems,**
- **Soft Computing Techniques,**
- **Manufacturing Processes**



Dr. THELLA BABU RAO
Assistant Professor

AREAS OF INTEREST:

- **Metal Matrix Composites,**
- **Manufacturing Engineering,**
- **Modeling and Optimization of Manufacturing Processes,**
- **Bulk metal removal from hard-to-cut materials.**

DEPARTMENT OF METALLURGY AND MATERIALS ENGINEERING



Dr. R. SUNIL KUMAR
Assistant Professor
(Head of the Department)

AREAS OF INTEREST:

- **Powder Metallurgy,**
- **High Temperature Materials,**
- **ODS Steels,**
- **Powder Processing,**
- **Additive Manufacturing**



Dr. RAFFI MOHAMMED
Assistant Professor

AREAS OF INTEREST:

- **Welding Metallurgy,**
- **Corrosion of Welds,**
- **High Temperature Corrosion**



Dr. RAGHUNANDAN UMMETHALA
Assistant Professor

AREAS OF INTEREST:

- **Additive Manufacturing**
- **Biomaterials for hard tissue replacements**
- **Chemical Vapor Deposition and Carbon nanostructures**
- **Corrosion Engineering**
- **Electrochemical Energy StorageYour text here**

SCHOOL OF SCIENCES



Dr. KURMAYYA TAMMINANA
Associate Professor
(maths)
(Head of the Department)

AREAS OF INTEREST:

- **Linear Algebra,**
- **Functional Analysis**



Dr. SUDARSHAN DHUA
Assistant Professor

AREAS OF INTEREST:

- **Theoretical Seismology,**
- **Electrodynamics,**
- **Solid Mechanics,**
- **Crack Propagation**



Dr. SHARAD DWIVEDI
Associate Professor

AREAS OF INTEREST:

- **Differential Equations and**
- **Mathematical Physics (Magnetization dynamics, Spintronics).**



Dr. RAMUDU MACHAVARAPU
Assistant Professor

AREAS OF INTEREST:

- **Spintronic Materials,**
- **Thermal / Ferromagnetic shape memory alloys and thin films,**
- **Magnetic Sensors,**
- **Magnetocaloric Materials,**
- **Rare-earth and rare-earth free based permanent magnetic materials.**



Dr. TAPAS PARAMANIK
Assistant Professor

AREAS OF INTEREST:

- **Experimental Condensed Matter Physics & Material Science**



Dr. J. KRISHNAMURTHY
Assistant Professor

AREAS OF INTEREST:

- **Multiferroics,**
- **strongly correlated systems,**
- **Magnetism at the nanoscale,**
- **Multifunctional properties of magnetic oxides,**
- **Low temperature physics,**
- **Growth and characterization of semiconductor hetero-structures**



Dr. ARUN KUMAR. R
Assistant Professor

AREAS OF INTEREST:

- **Experimental Solid-State Physics;**
- **Optical materials (Bulk and Nano-scale);**
- **Single crystals; Luminescent glasses;**
- **Dosimeter materials; Nano materials**



Dr. AMARENDAR REDDY. M
Assistant Professor

AREAS OF INTEREST:

- **Peptide and polysaccharide based nanostructured materials,**
- **Synthesis of novel antimicrobial agents**



Dr. SURENDRA H. MAHADEVEGOWDA
Assistant Professor

AREAS OF INTEREST:

- **synthetic Organic Chemistry;**
- **Materials Chemistry;**
- **Corannulene Chemistry;**
- **Molecular Self-Assembly;**
- **Biomaterials**

SCHOOL OF HUMANITIES AND MANAGEMENT



Dr. SOUMYA JOSE
Assistant Professor
(English)
(Head of the Department)

AREAS OF INTEREST:

- **African American Theatre,**
- **First Nations Theatre,**
- **Diaspora Studies and**
- **Gender Studies**

13.2 Non – Teaching Staff

S.No.	Name	Designation
1.	Venkateshwara Rao Nagothu	Executive Engineer
2.	M. Dharma Teja Kowndinya	Medical Officer
3.	Kamala Mohanty	Assistant Librarian
4.	Shivjee Pandey	Assistant Registrar (Administration)
5.	Ravikanth B K	Assistant Registrar (Accounts)
6.	Deepika Kumari Yeggina	Senior Technical Assistant
7.	Harikishan goud Konakala	Assistant Engineer(civil)
8.	Janakiram Vejju	Assistant Engineer (Mechanical)
9.	Manda Tarun Vara Prasad	Junior Engineer (Electrical)
10.	Vanapalli Tej Ravichand	Junior Engineer (Mechanical)
11.	Tadela Sandhya rani	Student's Activity & Sports Assistant
12.	Srinivas Vulavala	Student's Activity & Sports Assistant

13.	K. Annapurna Chekkapalli	Superintendent
14.	Gopalkrishna Kapaka	Superintendent
15.	Padmavati Kolla	Superintendent
16.	Karra Sai Manikanta	Superintendent
17.	Koppala Santhosh Girish	Superintendent
18.	Syam Kumar CH	Senior Technician
19.	Siva Krishna Boddu	Senior Technician
20.	Jayanthi Enneti	Senior Technician
21.	Balaji Mukkapati	Senior Technician
22.	Avvari Anand Vijay	Technical Assistant
23.	Malothu Nagendra Babu Naik	Technical Assistant
24.	Devina Chaitanya	Technical Assistant
25.	Kudulla Jaya Satish	Technical Assistant
26.	R Sudhakar	Technical Assistant
27.	Polina Uma Sundari	Technical Assistant
28.	Manikandan. M	Technical Assistant
29.	Masimukku Saibabu	Technical Assistant
30.	Kommuri Monika	Technical Assistant
31.	Senthil Vel..S	Technical Assistant
32.	Gummuluri Venkata Rama Prasad	Technician
33.	Chilukuri Vinay	Technician
34.	Vanapalli Durga Prasad	Technician
35.	Uppuluri Ananda Sivakumar	Technician
36.	Tenneti Subhash Sarma	Technician
37.	Banda Chiranjeevi Raghavendra Sai	Technician
38.	Dharavath Naveen	Technician
39.	Akshat Verma	Technician
40.	Birudukota Haritha	Technician
41.	Vasanabhi Naveen	Technician
42.	Sidda Dileep	Technician
43.	Resapu Bhaskara Reddy	Technician
44.	Gayatri Rao Gudiwada	Technician
45.	Venkata Dinesh Babu K	Senior Assistant
46.	Bolle Revathi	Senior Assistant
47.	Vattikuti V Suresh Babu	Junior Assistant

48.	Pydikondala Venkatalakshmi	Junior Assistant
49.	Bellapukonda Somasekhara Venkataraju	Junior Assistant
50.	Yerramsetti Maneendra Venkata Kumar	Junior Assistant
51.	Bandaru Durga Naga Sirisha	Junior Assistant
52.	Sayyaparaju Mohan Ganesh Varma	Junior Assistant
53.	Soundarya Dasari	Junior Assistant
54.	Dhinesh. V	Junior Assistant
55.	Lakkakula Pavan Siva Kumar	Attendant
56.	Dakarapu Prasad	Attendant
57.	Samineni Mounika	Attendant
58.	Revalla Durga Prasad	Attendant
59.	Meesala Ashok Kumar	Attendant
60.	Pothula Harish	Attendant
61.	Alapati Jagadish Kumar	Attendant
62.	Thorlapati Vijay Babu	Attendant
63.	Karibandi Chakradhar Sai Kumar	Attendant
64.	Chella Revathi	Attendant

14 Infrastructure

The permanent building of the Institute is constructed in two phases, Phase 1A, and Phase 1B. Under Phase 1A, Sarvepalli Radhakrishnan Academic complex, APJ Adbul Kalam Laboratory complex, few hostels have been constructed. Under Phase 1B, Madan Mohan Malaviya Academic complex, Dr. B. R. Ambedkar Central Library, Administrative vista, Health center and few other amenities for students have been constructed. The building construced under Phase 1B have been fully functional by October, 2021. The images of few buildings can be seen below:



“Sardar Vallabhai Patel” Administrative Vista



“Madan Mohan Malaviya” Academic Complex



“A. P. J. Abdbul Kalam” Laboratory Complex



“Sir C. V. Raman” Laboratory Complex



Workshop Complex



“Mother Teresa” Health Centre



“Netaji “Indoor Sports Complex



“Ravindra” Kala Bharathi

14.1 CENTRAL LIBRARY

The library as one of the important central facilities of the Institute supports the study, teaching, research, and development programmes of the Institute. The Central Library is an integral part of academic and research activities of NIT- Andhra Pradesh. It was setup in September, 2015-2016 academic year with an emphasis on development print resources and online resources which required for the curriculum and research activities of the Institute. It has been growing and expanding in the aspect of collection both in print and digital form since its inception and provide services to the academic fraternity of NIT Andhra Pradesh to meet their teaching, research, and consulting, training and learning requirements. During the year 2019-2020, the library was shifted from temporary campus library to permanent campus. The computer terminals provided at the counter near entrance and can be used to gain information regarding status of any document and other particulars of any book/collection. The library activities have been computerized using the **KOHA Library Management Software** with Barcode system. A barcoded system of issue and returning books is currently in use.



Rapid advances in Information and Communication Technologies are changing the library and information services drastically. Besides this, expectations of the users have also risen manifold. Libraries are not mere spaces anymore; they are much more than that. It has become a challenge for library management to keep pace with changing information packaging and delivery methods on one hand and meet the user expectations on the other.

Working Hours:

- The library is open on all days of the year except public holidays.
- The circulation counter functions from 9.30 AM to 7.30 PM on all working days.

Membership:

Membership of the institute library is open to the students, faculty members, research scholars, and non-teaching staff of the institute.

The following table reflects the growth of library users:

Sl. No	User Category	No's
1	Faculty	134
2	Ph.D	228
2	M.Tech	35
3	B. Tech	2130
4	Non-Teaching staff	55
Total		**2582**

NITAP Library Collection Highlights:

Collection building is one of the important functions of the library, which supports academic and research activities of the students, faculties, staff and other users. Collections of central libraries consist of printed books, CDs, printed journals, e-journals/databases, e-books, theses, reports, standards, and other reading materials covering the areas of science, engineering and technology, humanities, social sciences and management.

S.L No	Print collection	No's
1	Books	20500
2	Print Journals &Magazines (National& International)	65
3	Project Reports	410
4	News Papers English & Telugu)	6
5	CD ROMS	1870
6	Book Bank (SC/ST)	680

E- Resources Collection:

- ASME Journal
- ASCE Journal
- ACM Digital Library
- JSTOR full text Database
- Springer Nature 1700 collection
- Oxford Academic Journal
- Nature International journal of science
- Web of Science.
- South Asia Archive
- World e book Library
- National Digital Library (NDL)

Services provided by the library:

- Open Access shelving System.
- New arrivals list.

- Newspaper clipping display.
- Selective dissemination of information and current awareness service (SDI and CAS).
- SC-ST Book-Bank facility.
- On-line public access catalogues (OPAC).
- Document Delivery Service.
- CD-ROMs.
- E-journals through E-sodhsindhu Consortium.
- Plagiarism Detect software URKUND under E- sodhsudhi Programme.
- E-journal gateway through J-gate.
- Web OPAC search library catalogue.
- Article request drop a mail to library@nitandhra.ac.in

Digital Learning Initiatives by Library:

NIT Andhra Pradesh has promoting and actively participated following programs initiated by MHRD, Govt. of India.

- National Digital Library (NDL).
- Swayam Prabha DTH Channel.
- SWAYAM FREE ONLINE EDUCATION Portal.

Activities of Library

- Conducted user Awareness workshop of Grammarly writing tool for NIT Andhra Pradesh community.
- Conducted Webinar on Effective utilization of Gate E-journal Gateway for NIT Andhra Pradesh community.
- Conducted Webinar value on IEEE database in engineering and Research.

14.2 Hostels

The Institute has Fifteen hostels to accommodate undergraduate and graduate students. These include Five hostel blocks meant of girl students. The details of these hostels and their capacity is provided in the tables below:

Sl. No.	Name of the Hostel	Type of Seater	No of Rooms	No of Residents	Wardens
1.	PRANAHITHA	II B. Tech (2s)	100	200	Dr.K.Satyanarayana
2.	SABARI	II B. Tech (2s)	100	200	Dr Surendra H. Mahadevegowda
3.	INDRAVATHI	III B. Tech (2s)	100	200	Dr. P. Subba Rao
4.	NAGAVALI	III B. Tech (2s)	167	334	Dr. Shaik Mahabu Subhani

5.	PURNA	IV B. Tech (1s)	100	100	Dr.Sharad Dwivedi
6.	MANJEERA	IV B. Tech (1s)	100	100	Dr.Amarender Reddy
7.	BANGANGA	IV B. Tech (1s)	100	100	Dr S Yuvaraj
8.	SWARNAMUKHI	M.Tech & Ph.D. (1s)	167	167	Dr B.Narasimha Rao
9.	GODHAVARI	I B. Tech (4s)	76	304	Jami Ramesh
10.	VAMSADHARA	I B. Tech (4s)	127	508	Dr. Shaik Mahabu Subhani

Sl. No.	Name of the Hostel	No of Seater	No of Rooms	No of Residents	Wardens
1	KRISHNAVENI	I B. Tech (4s)	50	200	Dr.Ch.Srilatha
2	BHIMA	II B. Tech (2s)	100	200	Dr.T.Reshma
3	THUNGABADRA	III B. Tech (2s)	100	200	Dr.Sudharsana V Deepa
4	GATHAPRABHA	M.Tech & Ph.D. (1s)	100	100	Dr.Soumya Jose
5	MUNNERU	IV B. Tech (1s)	100	100	Ms. Kamala Mohanthy





Girls Hostel Blocks Boys Hostel Blocks

14.3 Internet and Computer Center

The Web and Networking Centre mainly provides 3 services – Official Email Domain Management, Website Maintenance and Networking Services.

- **DOMAIN:** The official email addresses for the faculty, staff, and students, group mail addresses are created and managed by the Web & Networking Centre.
- **WEBSITE:** The website is updated regularly with the latest information and notifications.
- **Online Information Portals:** Three web portals namely – Student Information system, Faculty Information System and Hostel Management System were developed to maintain all the information and provide the required services online.
- **Recruitment / Admission Portals:** The following online application portals are developed to ease and assist the recruitment / admission process.
    - ❖ Faculty Recruitment Portal
    - ❖ Non-teaching staff Recruitment Portal
    - ❖ Adhoc Faculty Recruitment Portal
    - ❖ Ph.D. Admission Portal

  Also, initiated Payment gateway to enable online payment of fees during online application.

- **NETWORK**:



15 Events and Achievements

During the 15th Rashtriya Shiksha Gaurav Puraskar Ceremony 2021 held on 07-Sept-2021, NIT Andhra Pradesh has been awarded with “The Best Institute in South India 2021”.



Throughout the year NIT Andhra Pradesh has conducted several events. These include mandatory events such as Independence Day, International yoga day, FIT India, Constitution Day, and etc. Apart from the mandatory events, the Institute has conducted several other events such as Book fair, Vaccination drive, Prayatnam, Vulcanzy, and etc. The selected images and details about few events is presented next.





Book Fair in NIT Andhra Pradesh



International yoga day





Independence Day





Engineers Day

FIT India Freedom 13th August – 2nd September, 2021

National Institute of Technology Andhra Pradesh, driven by a desire to lead a healthy lifestyle through regular physical activities, took up the challenge of the Fit India Movement. It was celebrated from 13th August – 2nd September, 2021 during these days institute conducted mass physical training, cleaning of campus and friendly unity run.









Swatchata Pakwada





Vaccination Drive

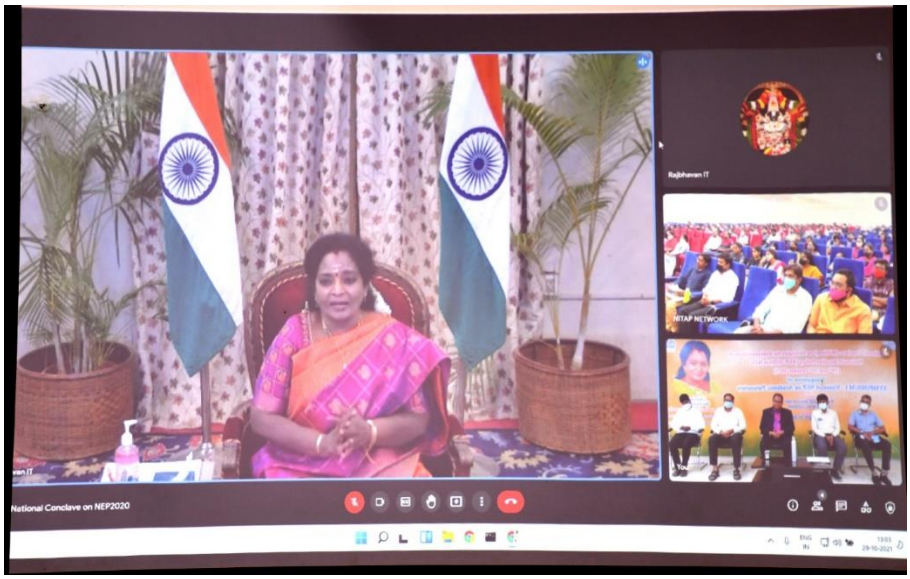




Gandhi Jayanthi



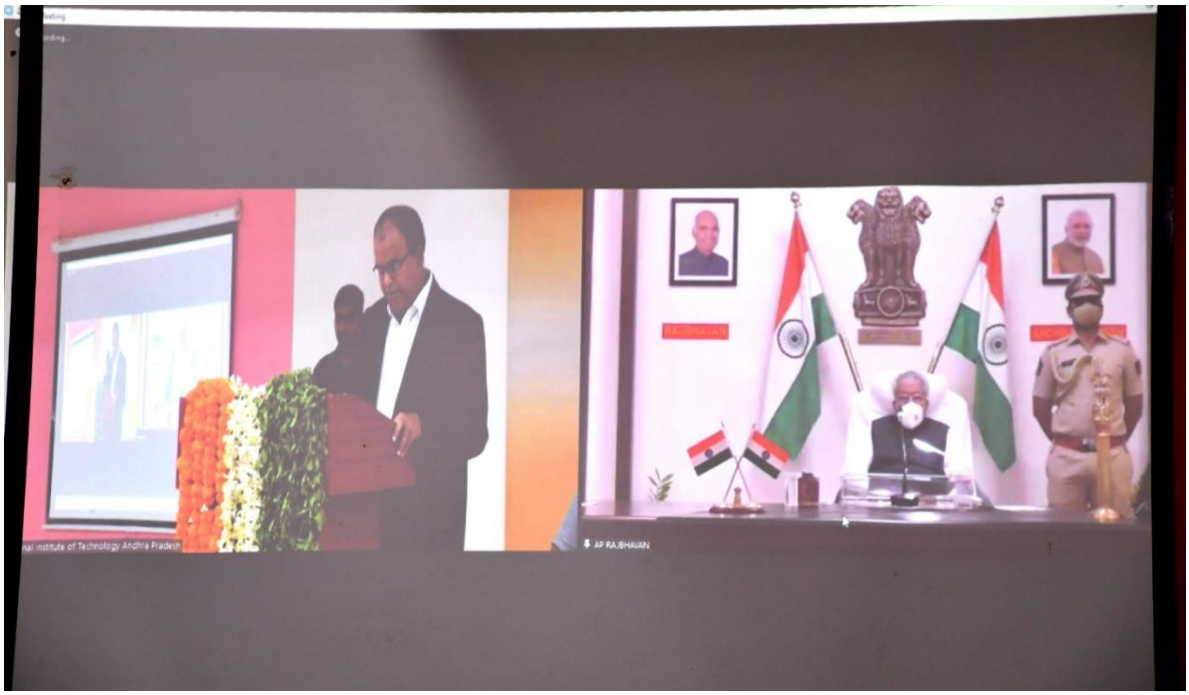
National Institute of Technology Andhra Pradesh has successfully conducted Symposium I & II under banner of National Conclave on strategies for implementation of National Education Policy (NEP) on 29th and 30th October 2021. This seminar enabled administrative staff, students, researchers and faculty members to obtain awareness on developments attainable upon implementation of NEP in the institute.



The ‘Symposium I- Vision of NEP on Academic Parameters’was inaugurated by Her Excellency Dr. (Smt.) Tamilsai Soundararajan Hon'ble Governor of Telangana & Hon'ble Lt. Governor of Puducherry.



The Symposium II- Vision of NEP on Research and extra-curricular Parameters for holistic education was inaugurated by His Excellency Shri Biswa Bhusan Harichandan, Hon'ble Governor of Andhra Pradesh



Run for unity 31st October, 2021

Sri sardar vallabai Patel, great patriot of India, on behalf of his birth anniversary NIT Andhra Pradesh conducted run for unity on 31st October 2021. In this Programme Entire NIT Andhra Pradesh Institute family Participated with enthusiastically.





Second and Third convocation

National Institute of Technology Andhra Pradesh conducted its Second and Third Convocation on 13th November 2021. A total of 381 candidates of 2016-20 Batch and 412 candidates of 2017-21 Batch awarded degrees during the occasion. The convocation conducted in physical mode (offline) at 4 PM.

The Chief Guest is Dr. G. Satheesh Reddy, Chairman, Defence Research and Development Organization (DRDO), who was also delivered the Convocation Address. Dr. Dasarath Ram Yadav, Director, Defence Research and Development Laboratory (DRDL) was the Guest Honour. Ms. Mridula Ramesh, Chairperson, Board of Governors (BoG), NIT Andhra Pradesh, presided over the ceremony.



16 SC/ST CELL

The SC/ST cell of NIT Andhra Pradesh was established on 25th September, 2018. Dr. Vinoth Kumar Raja, was appointed as a coordinator/Liaison Officer of the cell by the director

- Since 2018, the SC/ST cell has been providing a “Free GATE coaching” to the aspirants of NIT Andhra Pradesh and non – NITAP (students studying at private engineering colleges in West Godavari District)
- In addition to the SC/ST cell has been providing coaching materials on free of cost to SC/ST students.
- More than 60 students enrolled in Gate Coaching. From this AIR All India 55th Rank by Mr. Ramkrishna in Bio-technology and All India 88th Rank by Ms. Anjuri Sai Mounika in Material and metallurgy Engineering and All India 44th Rank by Mr. Sai Krishna Kalyan in Engineering Sciences are Qualified in the GATE Examination held in 2021.
- In addition to this B. tech students generated Gate Application in mobile phones with the help of Electrical and Electronics Engineering Faculty.
- SC/ST cell conducted 130th Birth Anniversary of Dr. B. R. Ambedkar & Constitution Day as well.





16.1 130th Birth Anniversary of Dr. B. R. Ambedkar

16.2 Gate coaching 18th December, 2021

The SC/ST Cell of NIT Andhra Pradesh is sponsoring free coaching for Graduate Aptitude Test in Engineering (GATE) 2022 to all the final year students of NIT Andhra Pradesh and the SC/ST students from neighbor Engineering Colleges (non-NIT students_40 Nos. on FCFS basis); to enable them for obtaining an appropriate job in public/private sectors and perusing their higher studies in the Institutions like IITs, IISc, NITs, etc. The coaching classes will be conducted as per the below-attached schedule. The final year students of NIT Andhra Pradesh and SC/ST students studying at other engineering colleges located in the West Godavari District may utilize this opportunity by registering through the link.



16.31.1 Constitution Day





Induction programme



Visit of National OBC Commission



75 crore Surya Namaskar



Matrubhasha Diwas



Women's Day



17 Prayatnam:

Shikshagraha was an online event which was conducted successfully using Google meet on the occasion of Gandhi Jayanti with the aim to inculcate moral values and principles which directly influenced childrens from the life of Gandhiji. The event was packed with many fun activities with the ethical essence which gave a lot of smiling faces as a reward.

Participation of Schools: -

The team of prayatnam approached to various schools of Tadepalligudem via phone call and after inviting them for easy access, a WhatsApp group was created to share further details. The number of schools participated in the event to make it a success.

- Arunodaya E M School
- Blossoms School
- Mother Teresa School
- Sri Lakhita School
- Sri Sri E.M School
- Vani Public School
- Vidya Niketan School
- Mahathi English Medium
- Sasi English medium

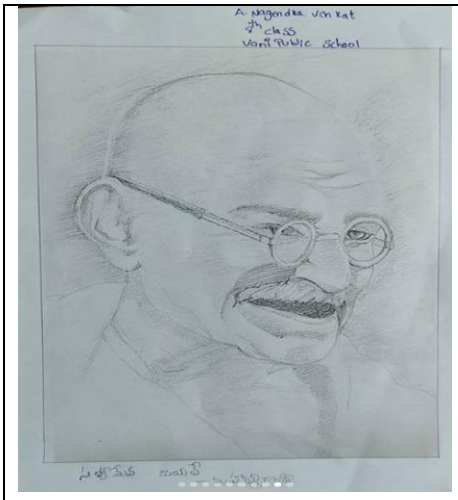
The event was fledged with active participation of **Vani Public School, Mahathi and Sasi E.M.**

Event Design: -

With the pleasing song of “Raghupati Raghav”, event started with the energetic and exciting presence of students. Number of speeches on Gandhiji, Lal Bahadur Shashtri and other personalities were delivered by young students which charged the event with the profusion of zeal. The event was teemed with fun games which made the day much livelier.

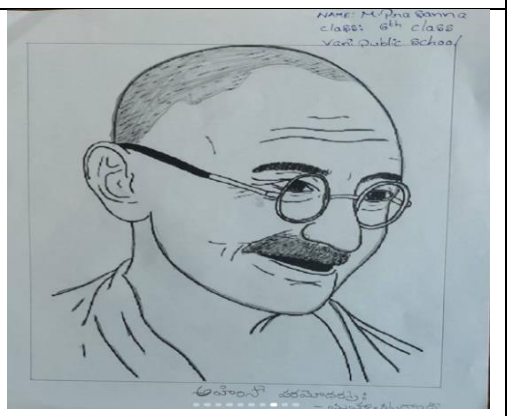
Drawing Competition: - The huge number of responses and excitement among students for this part of the event made it much appealing. The team of prayatnam selected the finest drawings to showcase on the day of event.

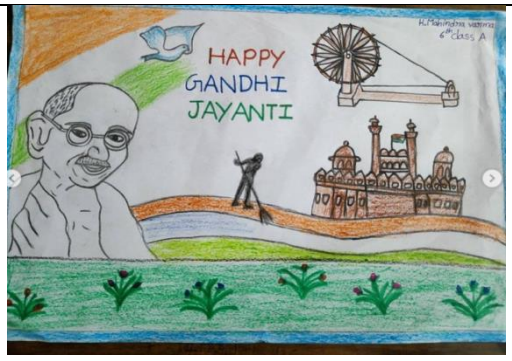
The whole event engaged the childrens very well. And after having a nice interaction with them, it was ended with national anthem followed by a group photo.

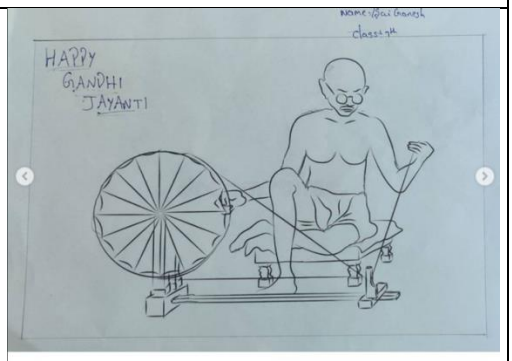

A. Nagendra Venkat
8th class
Vani Public School

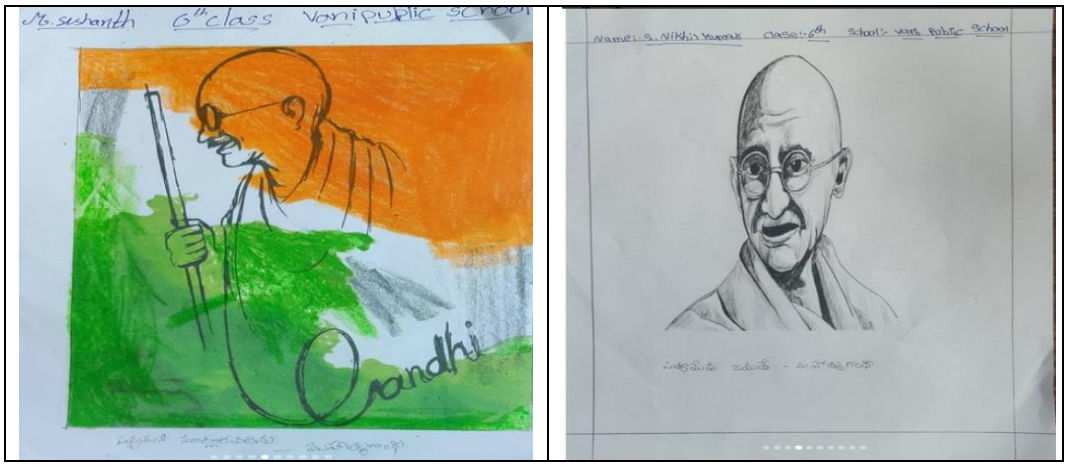

2nd october
HAPPY
GANDHI
Jayanti
"Peace is the most
Powerful weapon
of mankind"


Done by
Clean
India
Swadeshi
USE
ME
October


Name: M. Pna Sanna
class: 6th class
Vani Public School


HAPPY
GANDHI
JAYANTI


HAPPY
GANDHI
JAYANTI


M. sushanth 6th class
Gandhi
Name: S. Nikhil Kumar Class: 6th School: Vani Public School

Vulcanzy:


VULCANZY



-The End-

Annual Accounts 2021-22

NATIONAL INSTITUTE OF TECHNOLOGY, ANDHRA PRADESH

Sl.No	Details	Page No.
1	Balance Sheet of the Institute	02
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NATIONAL INSTITUTE OF TECHNOLOGY

ANDHRA PRADESH

BALANCE SHEET AS AT 31-03-2022

(Amount in Rupees)

SOURCES OF FUNDS	SCHEDULE	Current Year	Previous Year
Corpus / Capital Fund	1	5,14,27,73,729	2,49,17,88,564
Designated / Earmarked / Endowment Funds	2	1,66,05,269	9,07,88,846
Current Liabilities & Provisions	3	36,92,34,128	2,76,44,30,628
TOTAL		**5,52,86,13,126**	**5,34,70,08,038**
APPLICATION OF FUNDS			
Fixed Assets			
-- Tangible Assets	4	21,39,57,530	20,43,51,505
-- Intangible Assets		37,632	0
-- Capital Work in progress		4,10,92,36,000	3,70,31,59,000
Investments			
-- Long Term		0	0
-- Short Term	5	0	0
Investments - Others	6	0	0
Current Assets	7	1,14,19,75,755	1,19,26,23,037
Loans, Advanes & Deposits	8	6,34,06,209	24,68,74,496
TOTAL		**5,52,86,13,126**	**5,34,70,08,038**

Significant Accounting Policies **23**

Contingent Liabilities and Notes to Accounts **24**

NATIONAL INSTITUTE OF TECHNOLOGY

ANDHRA PRADESH

INCOME AND EXPENDITURE ACCOUNT FOR THE YEAR ENDED 31ST MARCH 2022

(Amount in Rupees)

SOURCES OF FUNDS	SCHEDULE	Current Year	Capital Fund	Total	Previous Year
Academic Receipts	9	15,18,54,306	0	15,18,54,306	8,51,36,741
Garnts / Subsidies	10	62,10,60,320	0	62,10,60,320	45,50,91,259
Income from Investments	11	4,39,39,898	0	4,39,39,898	3,96,62,791
Interest Earned	12	2,79,492	0	2,79,492	0
Other Income	13	1,27,51,012	0	1,27,51,012	25,03,813
Prior Period Income	14	1,04,71,340	0	1,04,71,340	8,63,475
TOTAL (A)		**84,03,56,368**	**0**	**84,03,56,368**	**58,32,58,079**
EXPENDITURE					
Staff Payments & Benefits (Establishment Expenses)	15	25,59,51,176	0	25,59,51,176	20,19,47,917
Academic Expenses	16	7,43,92,924	0	7,43,92,924	3,71,36,522
Administrative and General Exp	17	5,01,31,425	0	5,01,31,425	3,77,62,000
Transportation expenses	18	70,70,821	0	70,70,821	56,29,470
Reparis & Maintenance	19	2,59,66,586	0	2,59,66,586	76,96,697
Finance Cost	20	13,42,53,225	0	13,42,53,225	16,76,27,204
Depreciation	4	3,47,17,954	0	3,47,17,954	3,04,40,113
Other Expenses	21	0	0	0	0
Prior Period Expenses	22	0	0	0	0
TOTAL (B)		**58,24,84,111**	**0**	**58,24,84,111**	**48,82,39,923**
Balance being excess of Income over Expenditure (A-B)		25,78,72,257	0	25,78,72,257	9,50,18,156
Transfer to / from Designated Fund		0	0	0	0
Building Fund		0	0	0	0
Others if Any		0	0	0	0
Balance being surplus (Deficit) carried to General Fund		**25,78,72,257**	**0**	**25,78,72,257**	**9,50,18,156**
Significant Accounting Policies	**23**				

SCHEDULE 1- CORPUS FUND / CAPITAL FUND

PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
Balance as at the beginning of the year	2,49,17,88,564	51,24,97,475
Add: Contributions towards Corpus / Capital Fund	0	0
Add: Grants from UGC, GOI and State Government to the extent utilized for capital expenditure	2,39,31,12,908	1,88,42,72,933
Add: Assets purchased out of Earmarked Funds	0	0
Add: Assets purchased out of Sponsored Projects where ownership vests in the institution	0	0
Add: Assets Donated / Gifts Received - Land received from State Govt	0	0
Add: Other Addition	0	0
Add: Excess of Income over expenditure transferred from Income & Expenditure Account	25,78,72,257	9,50,18,156
	5,14,27,73,729	2,49,17,88,564
Ded: Deficit of Incover over Expenditure transerred from Income & Expenditure Account	0	0
Balance at the year end	**5,14,27,73,729**	**2,49,17,88,564**

SCHEDULE - 2: DESIGNATED / EARMARKED / ENDOWMENT FUND

Particulars	FUND WISE BREAK UP							TOTAL	
	SC Sub Plan - Non Recurring	ST Sub Plan - Non Recurring	SC Sub Plan - Recurring	ST Sub Plan - Recurring	Grant for HEFA loan	TOTAL DESIGNATED / EARMARKED FUNDS	ENDOWMENT FUND	CURRENT YEAR	PREVIOUS YEAR
a) Opg. Balance of the Funds	81,53,897	32,73,644	5,07,95,620	2,85,65,685	-	9,07,88,846	-	9,07,88,846	14,24,92,456
b) Additions during the year	2,68,00,000	1,95,75,000	2,40,76,270	1,41,23,850	1,98,12,35,865	2,06,58,10,985	-	2,06,58,10,985	57,11,51,092
c) Income from investments made of the funds	-	-			-	-	-	-	27,08,550
d) Accrued Interest on Investments / Advances			-	-	-	-	-	-	-
e) Interest on Savings Bank A/c	-	-	-	-	-	-	-	-	-
f) Other additions (Specify nature)	-	-	-	-	-	-	-	-	-
TOTAL (A)	3,49,53,897	2,28,48,644	7,48,71,890	4,26,89,535	1,98,12,35,865	2,15,65,99,831	-	2,15,65,99,831	71,63,52,098
B) Utilization / Exp towards objectives of funds									
i) Capital Expenditure	3,49,53,897	2,28,48,644	-	-	1,84,69,82,640	1,90,47,85,181	-	1,90,47,85,181	38,02,52,298
i) Revenue Expenditure	-	-	5,90,85,426	4,18,70,730	13,42,53,225	23,52,09,381	-	23,52,09,381	24,53,10,954
TOTAL (B)	3,49,53,897	2,28,48,644	5,90,85,426	4,18,70,730	1,98,12,35,865	2,13,99,94,562	-	2,13,99,94,562	62,55,63,252
Closing Balance at the year end (A-B)	-	-	1,57,86,464	8,18,805	-	1,66,05,269	-	1,66,05,269	9,07,88,846

Represented by									
Cash and Bank Balances	-	-	1,57,86,464	8,18,805	-	1,66,05,269	0	1,66,05,269	9,07,88,846
Investments	-	-	-	-	-	-	0	-	-
Interest accrued but not due	-	-	-	-	-	-	0	-	-
Total:	-	-	1,57,86,464	8,18,805	-	1,66,05,269	0	1,66,05,269	9,07,88,846

SCHEDULE 2A

ENDOWMENT FUNDS

Sr No	Name of the Endowment	Opg Balance		Additions during the year		Total		Expenditure on the object during the yr	Closing balances		
		Endowment	Accumulated Interest	Endowment	Interest	Endowment	Accumulated Interest		Endowment	Accumulated Interest	Total
1	2	3	4	5	6	7=(3+5)	8=(4+6)	9	10	11	12=(10+11)
	Total	0	0	0	0	0	0	0	0	0	0

1 The total of Colmns 3 & 4 will appear as the opening Balances in the Column "Endowment Funds" in Schedule 2, of Earmarked Funds forming part of the B.S.

2 The total of Col.9 should normally be less than the total of Col.8, as only the interest I s to be used for the expenditure on the object of the endowments

3 There should not normally be a debit balance in the schedule, if in a rare case, there is debit balance against any of the Endowment funds the debit balance should appear on the Assets side of the Balance Sheet as "Receiable", in Schedule-8 Loans, Advances & Deposits.

SCHEDULE 3 - CURRENT LIABILITIES & PROVISIONS

PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
A. CURRENT LIABILITIES		
1. Deposits from staff		
--- Security Deposit for Staff Quarters	0	0
2. Deposits from students		
--- Lab and Library Deposit	1,84,05,147	1,36,14,475
--- Hostel Caution Deposit	1,63,68,000	1,16,48,000
3. Sundry Creditors		
a) For Goods & Services	0	0
b) Others	0	0
4. Deposits - others (including EMD, Security deposit)		
--- Tender Deposit	3,44,302	1,31,656
--- Other Deposit	0	0
5. Statutory Liabilities(GPF, TDS, WC TAX, CPF, GIS, NPS):		
a) Overdue	0	0
b) Others		
--- Profession Tax	36,960	660
--- GPF	0	0
--- GSLI	0	0
--- VPF	0	0
--- GST	5,81,387	0
--- NPS	31,81,734	7,59,991
--- Income Tax (TDS)	13,00,070	0
6. Other Current Liabilities:		
a) Salaries - Outstanding salaries to Adhoc faculties	63,800	0
b) Receipts against sponsored projects	0	0
c) Receipts against sponsored fellowships & scholarships	3,18,89,431	81,05,337
d) Unutilised Grants		
--- Plan Grants	0	0
--- Non-Plan Grants	3,17,08,569	52,99,22,843
--- Earmarked Funds(Capital Work In Progress)	0	0
e) Grants in advance (grants received in advance for next year)	0	0
f) Other funds	0	0
g) Other liabilities		
--- SBI CR Reddy Branch	0	0

--- HEFA Loan	0	1,98,46,74,908
--- NIT, Warangal	10,00,00,000	10,00,00,000
--- Fee Payable	2,62,18,838	2,05,27,577
--- Hostel & Mess Charges Paid & Payable	32,567	32,567
--- Advance fee recived	0	0
--- Aluminium Association Fee	77,08,000	60,36,000
--- Cess	1,00,884	62,675
--- CPDA unutilised balance	0	-2,74,234
--- FDP	0	0
--- Games Fee	56,08,535	41,28,035
--- Institution Development fee	3,85,40,000	3,01,80,000
--- Internet & ICT Charges	1,27,98,000	96,99,600
--- Medical Fee	97,84,673	72,02,673
--- Magazine Fee	13,60,900	9,51,100
--- Other Deductions on Salaries	1,28,147	1,28,147
--- Seinarage	5,925	414
--- Students Club Fee	53,32,500	40,41,500
--- Student Library Fee	1,59,13,997	1,18,63,497
--- Student Welfare Fund	33,46,700	24,96,300
--- Technical Association Fee	23,49,800	17,19,700
--- Fest Fee Collected	38,02,248	27,02,858
--- Fest Sponsership	8,10,000	0
--- Student Scholarship	3,16,794	6,38,166
--- Un Identified Credit	45,501	26,800
--- Security Deposit: Withheld Amount	65,87,092	75,54,297
--- M.Tech Stipend Hold	24,800	0
--- P.hd Stipend Hold	5,66,746	0
--- Outstanding Liabilities	0	58,55,086
TOTAL (A)	34,52,62,047	2,76,44,30,628
B. PROVISIONS		
1. For Taxation	0	0
2. Gratuity	1,19,40,615	0
3. Superannuation/ Pension	0	0
4. Accumulated Leave Encashment	1,20,31,466	0
5. Trade Warranties/ Claims	0	0
6. Others (Specify)	0	0
TOTAL (B)	2,39,72,081	0
TOTAL (A+B)	**36,92,34,128**	**2,76,44,30,628**

Note: Unutilised grants 6(d) will include grants received in advance for next year

ENCOSURE TO BALANCE SHEET

ENCLOSURE TO CURRENT LIABILITIES AND PROVISIONS (Schedule - 3)

HEAD OF ACCOUNT	OPG. BALANCE	RECEIPTS	PAYMENTS	CLG BALANCE
Other Deposits				
Tender Deposit	1,31,656	14,98,646	12,86,000	3,44,302
Hostel & Mess Charges Received & Paid	32,567	0	0	32,567
Advance fee recived	0			0
Aluminium Association Fee	60,36,000	16,84,000	12,000	77,08,000
Cess	62,675	38,209	0	1,00,884
CPDA unutilised balance	-2,74,234	2,74,234	0	0
Games Fee	41,28,035	14,85,500	5,000	56,08,535
Institution Development fee	3,01,80,000	84,20,000	60,000	3,85,40,000
Internet & ICT Charges	96,99,600	31,05,600	7,200	1,27,98,000
Medical Fee	72,02,673	25,88,000	6,000	97,84,673
Magazine Fee	9,51,100	4,12,000	2,200	13,60,900
Other Deduction on Salaries	1,28,147			1,28,147
Seinrage	414	5,511	0	5,925
Students Club Fee	40,41,500	12,94,000	3,000	53,32,500
Student Library Fee	1,18,63,497	40,61,000	10,500	1,59,13,997
Student Welfare Fund	24,96,300	8,53,000	2,600	33,46,700
Student Scholarship	6,38,166	11,79,366	15,00,738	3,16,794
Technical Association Fee	17,19,700	6,32,500	2,400	23,49,800
Fest Fee Collected	27,02,858	13,32,300	2,32,910	38,02,248
Fest Sponsership	0	8,10,000	0	8,10,000
FDP	0			0
Un Identified Credit	26,800	18,701	0	45,501
Security Deposit: Withheld Amount	75,54,297	20,35,028	30,02,233	65,87,092
M.Tech Stipend Hold	0	24,800	0	24,800
P.hd Stipend Hold	0	8,00,666	2,33,920	5,66,746
Sub Total (a)	**8,93,21,751**	**3,25,53,061**	**63,66,701**	**11,55,08,111**
Student Deposits				
Hostel Caution Deposit	1,16,48,000	49,92,000	2,72,000	1,63,68,000
Lab and Library Deposit	1,36,14,475	51,32,672	3,42,000	1,84,05,147
Sub Total (b)	**2,52,62,475**	**1,01,24,672**	**6,14,000**	**3,47,73,147**
Grand Total (a+b)	**11,45,84,226**	**4,26,77,733**	**69,80,701**	**15,02,81,258**

HEAD OF ACCOUNT - STATRY LIABILITIES	OPG. BALANCE	RECEIPTS	PAYMENTS	CLG BALANCE
Profession Tax	660	4,50,185	4,13,885	36,960
GPF	0	1,43,352	1,43,352	0
GSLI	0	4,200	4,200	0
VPF	0			0
NPS	7,59,991	2,35,49,442	2,11,27,699	31,81,734
GRAND TOTAL	**7,60,651**	**2,41,47,179**	**2,16,89,136**	**32,18,694**

Unutilized Non-Plan Grants	CURRENT YEAR	PREVIOUS YEAR
A. Non-Plan Grants: Government of India		
Balance B/f	52,99,22,843	52,42,35,586
Add: Receipts during the year	33,70,00,000	22,68,00,000
Total(a)	86,69,22,843	75,10,35,586
Less: Refunds	9,59,60,608	0
Less: Utilized for Revenue Expenses	38,58,50,939	22,11,12,743
Less: Utilized for Capital Expenses	35,34,02,727	0
total(b)	83,52,14,274	22,11,12,743
Unutilized carried forward (a-b)	3,17,08,569	52,99,22,843

SCHEDUE - 3(a) - SPONSORED PROJECTS

Sr No	Name of the Project	Opening Balance		Receipts / Recoveries during the year	Total	Expenditure during the year	Closing Balance	
		Credit	Debit				Credit	Debit
1	2	3	4	5	6	7	8	9
					-	-	-	0
	Total	-	-	-	-	-	-	-

1 The Projects may be listed agency-wise, with sub-totals for each agency

2 The total of Col.8 (Credit) will appear under the above head on the liabiltiies side of the Balance Sheet (Schdule-3)

3 The total of Col.9(debit) will appear as Receivables in Schedule 8, Loans, Advances and Deposits on the Assets of the Balance Sheet

SCHEDULE 3(b) SPONSORED FELLOWSHIPS AND SCHOLARSHIPS

Sl No	Name of the Sponsor	Opening Balance as on		Transactions during the year		Closing Balance as on 31.03.2018	
		Cr	Dr	Cr	Dr	Cr	Dr
1	University Grant Commission	0	0	0	0	0	0
2	Ministry……	0	0	0	0	0	0
	DST-SERB - Scanning near Field Optical Microscopy Ivnestigation of Optical Field Strength in Metal Diaelectric Nanostructures and …….Spectroscopy - Dr Mahamad Ahamad Mohiddon	5,68,316	-	-	-	5,68,316	-
	DSTP 001	22,500	-	90,000	3,07,064	(1,94,564)	-
	DSTP 002	5,44,771	-	17,40,600	7,95,473	14,89,898	-
	DSTP 003	1,74,212	-	5,50,000	8,30,658	(1,06,446)	-
	DSTP 004	1,32,922	-	7,12,506	7,66,651	78,777	-
	DSTP 005	9,25,324	-	3,50,000	4,09,600	8,65,724	-
	DSTP 006	91,200	-	5,50,000	5,02,594	1,38,606	-
	DSTP 007	4,55,202	-	3,00,000	4,60,497	2,94,705	-
	DSTP 009	3,42,192	-	3,24,700	5,61,321	1,05,571	-
	DSTP 0011	2,59,132	-	3,79,950	4,61,429	1,77,653	-
	DSTP 0012	4,16,200	-	2,00,000	4,62,405	1,53,795	-
	DSTP 0013	7,27,290	-		4,11,714	3,15,576	-
	DSTP 0014	11,90,514	-		10,36,914	1,53,600	-
	DSTP 0015	4,62,500	-	10,50,000	3,01,450	12,11,050	-
	DSTP 0016	16,13,062	-	1,00,000	4,56,719	12,56,343	-
	DSTP	1,80,000	-	-	-	1,80,000	-

	DSTP 0019	-	-	28,65,219	8,20,355	20,44,864	-
	DSTP 0020	-	-	24,12,920	1,36,425	22,76,495	-
	DSTP 0021	-	-	1,75,00,000	-	1,75,00,000	-
	DSTP 0022	-	-	20,15,500	-	20,15,500	-
	DSTP 0023	-	-	2,28,120	-	2,28,120	-
	FDP	-	-	4,69,500	4,69,500	-	-
	GIAN	-	-	9,39,000	-	9,39,000	-
	Others (Unidentified)	-	-	1,96,848	-	1,96,848	-
	Total	81,05,337.00	-	3,29,74,863.00	91,90,769.00	3,18,89,431.00	-

1 The toltal of Clumn 7 (Credit) will appear under the above head, on the liabilities side of the Balance Sheet (Sch-3)

2 The total of Column 8 (Debit) will appear as Receiables on the Assets side of the Balance Sheet (Sch-8)

SCHEDULE 3 (c)- UNUTILISED GRANTS FROM UGC, GOVERNMENT OF INDIA AND STATE GOVERNMENTS

	CURRENT YEAR	PREVIOUS YEAR
A. Plan Grants: Government of India		
Balance B/f	0	52,61,49,045
Add: Receipts during the year	13,49,25,000	81,27,00,000
Total(a)	13,49,25,000	1,33,88,49,045
Less: Refunds	0	0
Less: Utilized for Revenue Expenses	0	0
Less: Utilized for Capital Expenses	13,49,25,000	1,33,88,49,045
total(b)	13,49,25,000	1,33,88,49,045
Unutilized carried forward (a-b)	0	0
B. UGC Grants: Plan		
Balance B/f	0	0
Receipts during the year	0	0
Total(c)	0	0
Less: Refunds	0	0
Less: Utilized for Revenue Expenses	0	0
Less: Utilized for Capital Expenses	0	0
total(d)	0	0
Unutilized carried forward (c-d)	0	0
C. UGC Grants Non Plan		
Balance B/f	0	0
Receipts during the year	0	0
Total(e)	0	0
Less: Refunds	0	0
Less: Utilized for Revenue Expenses	0	0
Less: Utilized for Capital Expenses	0	0
total(f)	0	0
Unutilized carried forward (e-f)	0	0

D. Grants from State Govt.		
Balance B/f	0	0
Receipts during the year - Cost of Land	0	0
Total(g)	0	0
Less: Refunds	0	0
Less: Utilized for Revenue Expenses	0	0
Less: Utilized for Capital Expenses - Cost of Land	0	0
total(h)	0	0
Unutilized carried forward (g-h)	0	0
Grand Total (A+B+C+D)	**0**	0

- Unutilized grants includes advances on Capital Account
- Unutilized grants include grants recevied in advance for the next year
- Unutlized grants are represented on the Assets die by Bank Balances, Short term Deposits with Banks and Advances on Capital Account

FIXED ASSET SCHDULE

SCHEDULE - 4 - FIXED ASSETS (Amount in Rupees)

S.No	DESCRIPTIONS	GROSS BLOCK				DEPRECIATION				NET BLOCK	
		Opg Balance 01.04.2021	Additions	Deductions	Cl Balance	Dep Opening Balance	Depreciation for the year	Deduction / Adjustments	Total Depreciation	31.03.2022	31.03.2021
1	Land	1	0	0	1	0	0	0	0	1	1
2	Site Development	0	0	0	0	0	0	0	0	0	0
3	Buildings	65,82,385	0	0	65,82,385	65,82,385	0	0	65,82,385	0	0
4	Roads & Bridges	0	0	0	0	0	0	0	0	0	0
5	Tubewells & Water Supply	0	0	0	0	0	0	0	0	0	0
6	Sewarage & Drainage	0	0	0	0	0	0	0	0	0	0
7	Electrical Installation and Equipment	1,41,79,159	32,83,561	0	1,74,62,720	27,06,658	9,97,392	0	37,04,050	1,37,58,670	1,14,72,501
8	Plant & Machinery	0	0	0	0	0	0	0	0	0	0
9	Scientific & Laboratory Equipment	10,37,44,274	75,30,194	0	11,12,74,468	1,70,58,075	89,01,821	0	2,59,59,896	8,53,14,572	8,66,86,199
10	Office Equipment	11,70,603	53,17,164	0	64,87,767	4,39,116	7,22,845	0	11,61,961	53,25,806	7,31,487
11	Audit Visual Equipment	1,16,25,190	7,68,700	0	1,23,93,890	31,41,854	9,29,544	0	40,71,398	83,22,492	84,83,336
12	Computers & Peripherals	8,25,95,264	98,34,535	0	9,24,29,799	4,07,32,692	1,59,70,146	0	5,67,02,838	3,57,26,961	4,18,62,572
13	Furniture, Fixtures & Fittings	5,88,70,176	1,66,83,304	0	7,55,53,480	1,16,00,638	58,43,898	0	1,74,44,536	5,81,08,944	4,72,69,538
14	Vehicles	0	0	0	0	0	0	0	0	0	0
15	Lib Books & Scientific Journals	1,23,90,698	8,81,433	0	1,32,72,131	45,44,827	13,27,220	0	58,72,047	74,00,084	78,45,871
16	Small Value of assets	0	0	0	0	0	0	0	0	0	0
	Tota (A)	**29,11,57,750**	**4,42,98,891**	**0**	**33,54,56,641**	**8,68,06,245**	**3,46,92,866**	**0**	**12,14,99,111**	**21,39,57,530**	**20,43,51,505**
17	Capital Work in progress (B)	**3,70,31,59,000**	**40,60,77,000**	**0**	**4,10,92,36,000**	**0**	**0**	**0**	**0**	**4,10,92,36,000**	**3,70,31,59,000**

S.No	Intangible Assets	Opg Balance 01.04.2021	Additions	Deductions	Cl Balance	Dep / Amortization Opening Balance	Depreciation / Amortization for the year	Deduction / Adjustments	Total Depreciation / Amortization	31.03.2022	31.03.2021
18	Computer Software	7,24,365	62,720	0	7,87,085	7,24,365	25,088	0	7,49,453	37,632	0
19	E-Journals	0	0	0	0	0	0	0	0	0	0
20	Patents	0	0	0	0	0	0	0	0	0	0
	Total (C)	**7,24,365**	**62,720**	**0**	**7,87,085**	**7,24,365**	**25,088**	**0**	**7,49,453**	**37,632**	**0**
	Grand Total(A+B+C)	**3,99,50,41,115**	**45,04,38,611**	**0**	**4,44,54,79,726**	**8,75,30,610**	**3,47,17,954**	**0**	**12,22,48,564**	**4,32,32,31,162**	**3,90,75,10,505**

FIXED ASSET SCHDULE

SCHEDULE - 4A - PLAN (Amount in Rupees)

S.No	DESCRIPTIONS	GROSS BLOCK				DEPRECIATION				NET BLOCK	
		Opg Balance 01.04.2021	Additions	Deductions	Cl Balance	Dep Opening Balance	Depreciation for the year	Deduction / Adjustments	Total Depreciation	31.03.2022	31.03.2021
1	Land	1	0	0	1	0	0	0	0	1	1
2	Site Development	0		0	0	0	0	0	0	0	0
3	Buildings	65,82,385	0	0	65,82,385	65,82,385	0	0	65,82,385	0	0
4	Roads & Bridges	0	0	0	0	0	0	0	0	0	0
5	Tubewells & Water Supply	0	0	0	0	0	0	0	0	0	0
6	Sewarage & Drainage	0	0	0	0	0	0	0	0	0	0
7	Electrical Installation and Equipment	1,41,79,159	0	0	1,41,79,159	27,06,658	7,09,049	0	34,15,707	1,07,63,452	90,02,481
8	Plant & Machinery	0	0	0	0	0	0	0	0	0	0
9	Scientific & Laboratory Equipment	10,37,44,274	0	0	10,37,44,274	1,70,58,075	82,99,405	0	2,53,57,480	7,83,86,794	4,36,35,596
10	Office Equipment	11,70,603	0	0	11,70,603	4,39,116	87,799	0	5,26,915	6,43,688	7,56,692
11	Audit Visual Equipment	1,16,25,190	0	0	1,16,25,190	31,41,854	8,71,891	0	40,13,745	76,11,445	71,57,602
12	Computers & Peripherals	8,25,95,264	0	0	8,25,95,264	4,07,32,692	1,35,09,656	0	5,42,42,348	2,83,52,916	2,63,19,204
13	Furniture, Fixtures & Fittings	5,88,70,176	0	0	5,88,70,176	1,16,00,638	44,14,900	0	1,60,15,538	4,28,54,638	1,80,48,819
14	Vehicles	0	0	0	0	0	0	0	0	0	0
15	Lib Books & Scientific Journals	1,23,90,698	0	0	1,23,90,698	45,44,827	12,39,077	0	57,83,904	66,06,794	71,03,944
16	Small Value of assets	0	0	0	0	0	0	0	0	0	0
	Tota (A)	**29,11,57,750**	**0**	**0**	**29,11,57,750**	**8,68,06,245**	**2,91,31,777**	**0**	**11,59,38,022**	**17,52,19,728**	**11,20,24,339**
17	Capital Work in progress (B)	**3,70,31,59,000**	**40,60,77,000**	**0**	**4,10,92,36,000**	0	0	0	0	4,10,92,36,000	3,70,31,59,000

S.No	Intangible Assets	Opg Balance 01.04.2021	Additions	Deductions	Cl Balance	Dep / Amortization Opening Balance	Depreciation / Amortization for the year	Deduction / Adjustments	Total Depreciation / Amortization	31.03.2022	31.03.2021
18	Computer Software			0	0		0	0	0	0	0
19	E-Journals	0	0	0	0	0	0	0	0	0	0
20	Patents	**0**	**0**	0	0	0	0	0	0	0	0
	Total (C)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

	Grand Total(A+B+C)	**3,99,43,16,750**	**40,60,77,000**	**0**	**4,40,03,93,750**	**8,68,06,245**	**2,91,31,777**	**0**	**11,59,38,022**	**4,28,44,55,728**	**3,81,51,83,339**

FIXED ASSET SCHDULE

SCHEDULE - 4B - NON PLAN (Amount in Rupees)

S.No	DESCRIPTIONS	GROSS BLOCK				DEPRECIATION				NET BLOCK	
		Opg Balance 01.04.2021	Additions	Deductions	Cl Balance	Dep Opening Balance	Depreciation for the year	Deduction / Adjustments	Total Depreciation	31.03.2022	31.03.2021
1	Land	0	0	0	0						
2	Site Development	0	0	0	0	0	0	0	0	0	0
3	Buildings	0	0	0	0	0	0	0	0	0	0
4	Roads & Bridges	0	0	0	0						
5	Tubewells & Water Supply	0	0	0	0	0	0	0	0	0	0
6	Sewarage & Drainage	0	0	0	0	0	0	0	0	0	0
7	Electrical Installation and Equipment	0	0	0	0	0	0	0	0	0	0
8	Plant & Machinery	0	0	0	0	0	0	0	0	0	0
9	Scientific & Laboratory Equipment	0	0	0	0	0	0	0	0	0	0
10	Office Equipment	0	0	0	0	0	0	0	0	0	0
11	Audit Visual Equipment	0	0	0	0	0	0	0	0	0	0
12	Computers & Peripherals	0	0	0	0	0	0	0	0	0	0
13	Furniture, Fixtures & Fittings	0	0	0	0	0	0	0	0	0	0
14	Vehicles	0	0	0	0	0	0	0	0	0	0
15	Lib Books & Scientific Journals	0	0	0	0	0	0	0	0	0	0
16	Small Value of assets	0	0	0	0	0	0	0	0	0	0
	Tota (A)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**
17	Capital Work in progress (B)	**0**	**0**	**0**	**0**	0	0	0	0	0	0

S.No	Intangible Assets	Opg Balance 01.04.2021	Additions	Deductions	Cl Balance	Dep / Amortization Opening Balance	Depreciation / Amortization for the year	Deduction / Adjustments	Total Depreciation / Amortization	31.03.2022	31.03.2021
18	Computer Software	0	0	0	0	0	0	0	0	0	0
19	E-Journals	0	0	0	0	0	0	0	0	0	0
20	Patents	**0**	**0**	0	0	0	0	0	0	0	0
	Total (C)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

	Grand Total(A+B+C)	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**0**

FIXED ASSET SCHDULE

SCHEDULE 4C - INTANGIBLE ASSETS

S.No	DESCRIPTIONS	GROSS BLOCK				DEPRECIATION				NET BLOCK	
		Opg Balance 01.04.2021	Additions	Deductions	Cl Balance	Dep / Amortization Opening Balance	Depreciation / Amortization for the year	Deduction / Adjustments	Total Depreciation / Amortization	31.03.2022	31.03.2021
1	Patents & Copyrights	0	0	0	0	0	0	0	0	0	0
2	Computer Software	7,24,365	62,720	0	7,87,085	7,24,365	25,088	0	7,49,453	37,632	4,10,920
3	E-Journals	**0**	**0**	0	0	0	0	0	0	0	0
	Total	**7,24,365**	**62,720**	**0**	**7,87,085**	**7,24,365**	**25,088**	**0**	**7,49,453**	**37,632**	**4,10,920**

SCHEDULE - 4D - OTHERS (Amount in Rupees)

S.No	DESCRIPTIONS	GROSS BLOCK				DEPRECIATION				NET BLOCK	
		Opg Balance 01.04.2021	Additions	Deductions	Cl Balance	Dep Opening Balance	Depreciation for the year	Deduction / Adjustments	Total Depreciation	31.03.2022	31.03.2021
1	Land	0	0	0	0	0	0	0	0	0	0
2	Site Development	0	0	0	0	0	0	0	0	0	0
3	Buildings	0	0	0	0	0	0	0	0	0	0
4	Roads & Bridges	0	0	0	0	0	0	0	0	0	0
5	Tubewells & Water Supply	0	0	0	0	0	0	0	0	0	0
6	Sewarage & Drainage	0	0	0	0	0	0	0	0	0	0
7	Electrical Installation and Equipment	0	32,83,561	0	32,83,561	0	2,88,343	0	2,88,343	29,95,218	0
8	Plant & Machinery	0	0	0	0	0	0	0	0	0	0
9	Scientific & Laboratory Equipment	0	75,30,194	0	75,30,194	0	6,02,416	0	6,02,416	69,27,778	0
10	Office Equipment	0	53,17,164	0	53,17,164	0	6,35,046	0	6,35,046	46,82,118	0
11	Audit Visual Equipment	0	7,68,700	0	7,68,700	0	57,653	0	57,653	7,11,047	0
12	Computers & Peripherals	0	98,34,535	0	98,34,535	0	24,60,490	0	24,60,490	73,74,045	0
13	Furniture, Fixtures & Fittings	0	1,66,83,304	0	1,66,83,304	0	14,28,998	0	14,28,998	1,52,54,306	0
14	Vehicles	0	0	0	0	0	0	0	0	0	0
15	Lib Books & Scientific Journals	0	8,81,433	0	8,81,433	0	88,143	0	88,143	7,93,290	0
16	Small Value of assets	0	0	0	0	0	0	0	0	0	0
	Tota	**0**	**4,42,98,891**	**0**	**4,42,98,891**	**0**	**55,61,089**	**0**	**55,61,089**	**3,87,37,802**	**0**
17	Capital Work in progress	**0**	**0**	**0**	**0**	0	0	0	0	0	0
	Grand Total	0	4,42,98,891	0	4,42,98,891	0	55,61,089	0	55,61,089	3,87,37,802	0

1 The figure in column "Deduction" under Gross Block against the head Capital Work in Progress represents the transfer from Work in Progress to Assets during the year
2 The figure in column "Additions during the year under Gross Block against Assets 1 to 14 include transfer from work in progress during the year, as well as furhter acquisition during the year.

SCHEDULE 4(C) (i) PATENTS AND COPYRIGHTS

PARTICULARS	Op Balance	Addition	Gross	Amortization	Net Block 31.03.2022	Net Block 31.03.2021
A. Patents Granted						
1. Balance as on 31.03.20 of Patents obtained in 2008-09 (Original Value - Rs...../-)	0	0	0	0	0	0
2. Balance as on 31.03.20 of Patents obtained in 2010-11 (Original Value - Rs...../-)	0	0	0	0	0	0
3. Balance as on 31.03.20 of Patents obtained in 2012-13 (Original Value - Rs...../-)	0	0	0	0	0	0
4. Patents granted during the current year	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**

PARTICULARS	Op Balance	Addition	Gross	Amortization	Net Block 31.03.2022	Net Block 31.03.2021
B. Patents pending in respect of Patents applied for						
1. Expenditure incurred during 2009-10 to 2011-12	0	0	0	0	0	0
2. Expenditure incurred during 2012-13	0	0	0	0	0	0
3. Expenditure incurred during 2013-14	0	0	0	0	0	0
Total	**0**	**0**	**0**	**0**	**0**	**0**

C. Grand Total (A+B)	**0**	**0**	**0**	**0**	**0**	**0**

The Addition in Part A (patents granted) will be figure of patents granted during the year, transferred from Part B (Column- Patents granted/rejected). The amount against grants rejected during the year is written off in the income and expenditure account.

SCHEDULE 5 - INVESTMENTS FROM EARMARKED / ENDOWMENT FUNDS

S.No.	PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
1	In Central Government Securities	0	0
2	In State Government Securities	0	0
3	Other Approved Securities	0	0
4	Shares	0	0
5	Debentures and Bonds	0	0
6	Term Deposits with Banks	0	0
7	Others (to be specified)	0	0
	TOTAL	0	0

SCHEDULE 5(A): INVESTMENTS FROM EARMARKED / ENDOWMENT FUNDS (FUND WISE)

Sl No	FUNDS	CURRENT YEAR	PREVIOUS YEAR
		0	0
		0	0
	Total	**0**	**0**

The total in this sub schedule wll agree with the total in Schdule 5

SCHEDULE 6 - INVESTMENTS - OTHERS

PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
1. In Central Government Securities	0	0
2. In State Government Securities	0	0
3. Other Approved Securities	0	0
4. Shares	0	0
5. Debentures and Bonds	0	0
6. Others (to be specified)	0	0
TOTAL	**0**	**0**

SCHEDULE 7 - CURRENT ASSETS

PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
1. Stock:		
a) Stores and Spares		
--- Stores and Spares	0	0
--- Loose Tools	0	0
--- Publications	0	0
--- Laboratory chemicals, consumables and glassware	0	0
--- Building Material	0	0
--- Electrical Material	0	0
--- Stationery	0	0
--- Water supply material	0	0
2. Sundry Debtors:		
a) Debts outstanding for a period exceeding six months	2,00,448	0
b) Others		0
--- Fee Receivable	4,76,100	4,68,433
--- Consultancy Fee Receivable	93,960	
3. Cash and Bank Balances		
a) Cash Balance in hand(incl cheques / drafts and imprest)		
- Main Cash Balance	0	0
- Petty Cash Balance	0	0
- Imprest with department	0	0
- Imprest with Others	4,80,000	0
b) With Scheduled Banks:		
- In Current Accounts	36,39,17,265	1,05,13,40,527
- In Term Deposit Accounts - **STDR**	74,37,75,564	14,08,14,077
- In Savings Accounts	3,30,32,418	0
c) With Non-Scheduled banks:		
- In Current Accounts	0	0
- In Term Deposit Accounts	0	0
- In Savings Accounts	0	0
4. Post Office- Savings Accounts	0	0
TOTAL	1,14,19,75,755	1,19,26,23,037

ENCOSURE TO BALANCE SHEET

ENCLOSURE TO SCHEDULE - 7 - BANK DEPOSITS (Item No 3(b))

HEAD OF ACCOUNT	OPG. BALANCE	DEPOSITED	MATURED	CLG BALANCE
Short Term Deposit Account	14,08,14,077	1,13,26,15,618	52,96,54,131	74,37,75,564
GRAND TOTAL	**14,08,14,077**	**1,13,26,15,618**	**52,96,54,131**	**74,37,75,564**

ENCLOSURE TO LOANS & ADVANCES AND OTHER ASSETS

HEAD OF ACCOUNT	OPG. BALANCE	ADVANCED	COLLECTION	CLG BALANCE
--- Advances to Co-ordinator	0			0
--- Advances to DOC	0	**0**	**0**	0
GRAND TOTAL	**0**	**0**	**0**	**0**

ENCLOSURE TO GRANTS RECEIVABLE

HEAD OF ACCOUNT	OPG. BALANCE	RECIVED	CURRENT YEAR RECEIVABLE	CLG BALANCE
--- SC Sub Plan - Non Recurring	0			0
--- Plan Grants Gov. of India	0			0
--- Non-Plan Grants Gov. of India	0			0
GRAND TOTAL	**0**	**0**	**0**	**0**

ANNEXURE A

Amount In Rupees

I.	**Current Account**		
	1	**State Bank of India**	2,45,15,620
	2	**Canara Bank**	
	3	**State Bank of India - EMD**	2,47,65,108
	4	**State Bank of India - FEE**	17,76,54,841
	5	**State Bank of India-Scholar Ships**	3,48,181
	6	**State Bank of India-Projects**	0
	7	**State Bank of India-FEST**	13,51,486
	8	**State Bank of India-Recruitment**	22,34,984
	9	**State Bank of India-Gratuity**	0
	10	**State Bank of India-Hostels**	6,13,93,685
	11	**State Bank of India-Leave Encashment**	0
	12	**State Bank of India-SC Recuring**	4,23,86,075
	13	**State Bank of India-ST Recuring**	2,45,14,247
	14	**Canara Bank- Interest Repayment**	2
	15	**Canara Bank- Prncipal Repayment**	0
	16	**Canara Bank- Guest House**	1,48,376
	17	**RBI**	0
	18	**State Bank of India-Deductions**	43,75,163
	19	**State Bank of India-FDP**	2,29,497
	Savings Account		
	1	**State Bank of India-GIAN**	10,80,473
	2	**State Bank of India-Projects**	3,19,51,945
II.	**Term Deposits With Schedule Bank**		
	1	**State Bank of India**	
	2	**Canara Bank**	
	Total		**39,69,49,683**

SCHEDULE 8 - LOANS, ADVANCES & DEPOSITS

PARTICULARS	CURRENT YEAR	PREVIOUS YEAR
1. Advances to employees (Non-interest bearing):		
a) Salary	0	0
b) Festival	0	0
c) LTC	0	0
d) Others (to be specified)	0	0
2. Long Term Advances to employees (Interest bearing)		
a) Vehicle loan	0	0
b) Home Loan	0	0
c) Others (to be specified)	0	0
3. Advances and other amounts recoverable in cash or in kind or for value to be received:		
a) On Capital Account	1,85,64,000	24,33,41,000
b) To Suppliers	0	0
c) Others	42,95,000	11,15,000
4. Prepaid Expenses		
a) Insurance	0	0
b) Other Expenses - Advance Rental	7,28,650	7,28,650
5. Deposits		
a) Telephone	0	0
b) Lease Rent	0	0
c) Electricity	10,00,000	0
d) AICTE, if applicable	0	0
e) Others(to be specified)		
6. Income Accrued:		
a) On Investments from Earmarked/ Endowment Funds	0	0
b) On Investments- Others	3,84,93,971	16,89,846
c) On Loans and Advances	0	0
d) Others (includes income due unrealized)	0	0
7. Other Current Assets receivable from UGC / sponsored projects		
a) Debit balances in Sponsored Projects	0	0
b) Debit balances in Sponsored Fellowship & Scholarship	0	0
c) Grants Receivable	0	0
d) Other receivables from UGC	0	0
8. Claims Receivable		
a) TDS Receivable	3,14,828	0
b) GST Receivable	9,760	0
TOTAL	**6,34,06,209**	**24,68,74,496**

If revolving funds have been created for House Building, Computer and Vehicle advances to employees, the advances will appear as part of Earmarked/endowment Funds. The balance against these interest- bearing advances will not appear in schdule.

SCHEDULE 9- ACADEMIC RECEIPTS

FEE FROM STUDENTS	CURRENT YEAR	PREVIOUS YEAR
A. Academic		
1.Tution fee	9,53,23,466	7,05,26,361
2. Admission fee	20,90,000	18,70,000
3. Enrolment fee		0
4. Library Admission fee		0
5. Laboratory fee		0
6. Art & Craft fee		0
7. Registration fee		0
8. Convocation fee	11,97,000	11,25,900
TOTAL (A)	**9,86,10,466**	**7,35,22,261**
B. Examinations		
1. Admission Test fee	0	0
2. Annual Examination fee	0	0
3. Marksheet, Certificate fee	0	0
4. Entrance Examination Fee - Study Mode / Summer Quarter Exam Fee	5,56,000	22,000
TOTAL (B)	**5,56,000**	**22,000**
C. Other fees		
1. Identity Card fee	1,67,200	1,49,200
2. Fine/ Miscellaneous fee		0
3. Medical fee		0
4. Transportation fee		0
5. Hostel fee	3,68,68,427	97,10,000
5. Mess fee	1,56,52,213	17,33,280
TOTAL (C)	**5,26,87,840**	**1,15,92,480**
D. Sale of Publications		
1. Sale of Admission forms	0	0
2. Sale of Syllabus and Question paper, etc.	0	0
3. Sale of Prospectus including admission forms	0	0
TOTAL (D)	**0**	**0**
E.Other Academic Receipts		
1. Registration fee for workshops, programmes	0	0
2. Registration fees (Academic Staff College)	0	0
TOTAL (E)	**0**	**0**
GRAND TOTAL (A+B+C+D+E)	**15,18,54,306**	**8,51,36,741**

In case fees like entrance fee, subscriptions etc are material and are in the nature of capital receipts, such amount should be recognied to the Capital Fund. Otherwise such fees will be approprietely incorporated in the schedule.

SCHEDULE 10 - GRANTS / SUBSIDIES (IRREVOCABLE GRANTS RECEIVED)

PARTICULARS	PLAN			TOTAL PLAN	NON PLAN /	CURRENT YEAR TOTAL	PREVIOUS YEAR
	GOVT OF INDIA	UGC					
		PLAN	SPC SCHEME		UGC		
Balance B/f	62,07,11,689	0	0	62,07,11,689	0	62,07,11,689	1,19,28,77,087
Add: Receipts during the year	2,53,77,35,985	-	-	2,53,77,35,985	-	2,53,77,35,985	1,61,06,51,092
Total	3,15,84,47,674	-	-	3,15,84,47,674	-	3,15,84,47,674	2,80,35,28,179
Less: Refunded to UGC	9,59,60,608	-	-	-	-	-	-
Balance	3,06,24,87,066	-	-	3,15,84,47,674	-	3,15,84,47,674	2,80,35,28,179
Less: Utilized for Capital Expenditure (A)	2,39,31,12,908	-	-	-	-	-	-
Balance	66,93,74,158	-	-	3,15,84,47,674	-	3,15,84,47,674	2,80,35,28,179
Less: Utilized for Revenue Expenditure (B)	62,10,60,320	-	-	62,10,60,320	-	62,10,60,320	46,37,15,147
Balance C/f (C)	4,83,13,838	-	-	2,53,73,87,354	-	2,53,73,87,354	2,33,98,13,032

A. Appears as additions to Capital Fund as well as additions to Fixed Assets during the year

B. Appears as income in the Income & Expenditure Account

C. (i) Appears under Current Liabilities in the Balance Sheet and will become the opening balance next year

(ii) Represented by Bank Balances, Investments and Advances on the Assets side.

SCHEDULE 11- INCOME FROM INVESTMENTS

PARTICULARS	Earmarked / Endowment Funds		Other Investments	
	CURRENT YEAR	PREVIOUS YEAR	CURRENT YEAR	PREVIOUS YEAR
1. Interest				
a) On Govt. Securities	-	0	0	0
b) Other Bonds/ Debentures	-	0	0	0
2. Interest on Term Deposits	-	27,08,550	58,32,214	3,54,02,226
3. Income accrued but not due on Term Deposits / Interest bearing advances to employees	-		3,81,07,684	15,52,015
4. Interest on Savings Bank Accounts	-	0	-	0
5. Others (Interest Accured but not due on SB Accounts)	-	0	-	0
TOTAL	**-**	**27,08,550**	**4,39,39,898**	**3,69,54,241**
TRANSFERRED TO EARMARKED/ ENDOWMENT FUNDS	**-**		-	-
Balance	**-**	**27,08,550**	**4,39,39,898**	**3,69,54,241**

Note: Interest accured but not due on Term Deposits from HBA fund, conveyance advance fund and Computer Advance fund and on Interest bearing advances to employees will be included here (item3), only where Revolving funds (EMF) for such advance have been set up.

SCHEDULE 12- INTEREST EARNED

Particulars	CURRENT YEAR	PREVIOUS YEAR
1. On Savings Accounts with Scheduled Banks	2,64,771	0
2. On Loans		
a) Employees / Staff	0	0
b) Others	0	0
3. On Debtors and Other Receivables	0	0
4. Others (Interest Accured but not due on SB Accounts)	14,721	0
TOTAL	**2,79,492**	**0**

Note:

1) The amount against item 1, in respect of Bank Accounts of Earmarked/Endowment Funds is deal with in Schdule 11 (Fisrt Part) and Schedule 2.

2) Item 2(a) is applicable only if Revolving funds have not been constituted for such advances

SCHEDULE 13- OTHER INCOME

A.Income from Land & Building	CURRENT YEAR	PREVIOUS YEAR
1. Hostel Room Rent	0	0
2. License fee	0	0
3. Hire Charges of Auditorium/Play ground/Convention Centre,etc.	0	0
4. Electricity Charges recovered	2,31,940	0
5. Water Charges recovered	63,373	0
Total (A)	**2,95,313**	**0**
B. Sale of Institute's Publications	**0**	0
C. Income from from holding events		
1.Gross Receipts from annual function/sports caenival	0	0
Less : Direct Expenditure incurred on the annual function/sports carnival	0	0
2. Gross Receipts from fetes	0	0
Less : Direct Expenditure incurred on the fetes	0	0
3. Gross Receipts for educational tours	0	0
Less : Direct Expenditure incurred on the tours	0	0
4. Others (to be specified and separately disclosed)	0	0
TOTAL(C)	**0**	**0**

SCHEDULE 13- OTHER INCOME

D. Others		
1. Income from Consultancy	26,32,931	1,84,840
2. RTI Fees	0	0
3. Income from Royalty	0	0
4. Sale of application form (recruitment)	38,46,771	8,17,250
5. Misc. receipts (Sale of tender form, waste paper, etc.)		
--- Miscelleneous Receipts	43,58,090	10,65,325
--- Tender Application Fee	1,30,000	3,00,000
--- Electricity Bill Recoverd from Employees	1,95,278	1,32,548
--- Rent Recoverd from Employees	10,96,718	0
--- Income from Guestes in Hostel	1,94,871	0
6. Profit on Sale/ Disposal of Assets:		
a) Owned Assets	0	0
b) Assets acquired out of grants, or received free of cost	0	0
7. Grants / Donations from Institutions, Welfare Bodies and International Organizations	0	0
8. Others (Specify)	1,040	3,850
TOTAL(D)	**1,24,55,699**	**25,03,813**
GRAND TOTAL (A+B+C+D)	**1,27,51,012**	**25,03,813**

SCHEDULE 14- PRIOR PERIOD INCOME

Particulars	CURRENT YEAR	PREVIOUS YEAR
1. Academic Receipts	0	0
2. Income from Investments	0	0
3. Interest Income	0	0
4. Other Income	1,04,71,340	8,63,475
TOTAL	**1,04,71,340**	**8,63,475**

SCHEDULE 15- STAFF PAYMENTS & BENEFITS

PARTICULARS	CURRENT YEAR			PREVIOUS YEAR		
	PLAN	NON PLAN	TOTAL	PLAN	NON PLAN	TOTAL
a) Salaries and Wages						
i) Teaching	0	7,56,40,831	7,56,40,831	0	6,54,19,911	6,54,19,911
ii) Non-Teaching	0	3,48,19,719	3,48,19,719	0	3,07,12,034	3,07,12,034
iii) Ad-Hoc	0	4,99,95,738	4,99,95,738	0	3,75,98,606	3,75,98,606
b) Allowances and Bonus - Bonus for Non Teaching Staff	0		0	0	0	0
c) Contribution to Provident Fund	0		0	0	0	0
d) Contribution to Other Fund (Specify)	0		0	0	0	0
e) Staff Welfare Expenses	0	79,999	79,999	0	95,57,864	95,57,864
f) Retirement and Terminal Benefits	0	3,85,06,122	3,85,06,122	0	1,23,27,664	1,23,27,664
g) LTC facility	0	0	0	0	59,34,603	59,34,603
h) Medical facility	0	38,858	38,858	0	15,94,790	15,94,790
i) Children Education Allowance	0	0	0	0	7,38,688	7,38,688
j) Honorarium	0		0	0	0	0
k) Others (CPDA)	0	1,36,939	1,36,939	0	0	0
--- Outsourcing Salaries / Security Services	0	5,67,32,970	5,67,32,970	0	3,80,63,757	3,80,63,757
TOTAL	**0**	**25,59,51,176**	**25,59,51,176**	**0**	**20,19,47,917**	**20,19,47,917**

SCHEDULE 15A - EMPLOYEES RETIREMENT AND TERMINAL BENEFITS

PARTICULARS	PENSION	GRATUITY	LEAVE ENCASHEMENT	TOTAL
Opening Balance as on 01.04.2021	0	0	0	0
Addition: Capitalized value of contributions received from organizations	0	0	0	0
Total (a)	0	0	0	0
Less: Actual Payment during the year (b)	0	0	0	0
Balance Available as on 31.03.2022 c(a-b)	0	0	0	0
Provision required on 31.03.2022 as per Acturial Valuation (d)	812328	11940615	12031466	24784409
A. Provision to be made in the Current Year (d-c)	812328	11940615	12031466	24784409
B. Contribution to New Pension Scheme	13721713	0	0	13721713
C. Medical Reimbursement to Retired Employees	0	0	0	0
D. Travel to hometown on Retirement	0	0	0	0
E. Deposit Linked Insurance Payment	0	0	0	0
TOTAL (A+B+C+D+E)	**14534041**	**11940615**	**12031466**	**38506122**

Note:

1) The total (A+B+C+D+E) in this Sub schdule will be the figure against Retirement and Terminal Benefits in Schdule 15

2) items B,C,D & E will be accountd on accural basis and will include bills preferred but outstanding for payment on 31/3

SCHEDULE 16- ACADEMIC EXPENSES

PARTICULARS	CURRENT YEAR			PREVIOUS YEAR		
	PLAN	NON PLAN	TOTAL	PLAN	NON PLAN	TOTAL
a) Laboratory Expenses	0	1,07,96,445	1,07,96,445	0	27,39,262	27,39,262
b) Field work/ Participation in Conferences	0		0	0	0	0
c) Expenses on Seminars / Workshops	0	51,620	51,620	0	48,200	48,200
d) Payment to Visiting Faculty - Guest Lectures - Honorarium	0	16,31,128	16,31,128	0	0	0
e) Examination	0	20,92,574	20,92,574	0	0	0
f) Student Welfare expenses	0	6,71,586	6,71,586	0	11,12,829	11,12,829
g) Admission expenses	0		0	0	0	0
h) Convocation expenses	0	43,59,112	43,59,112	0	13,87,318	13,87,318
i) Publications	0		0	0	0	0
j) Stipend/ means-cum-merit scholarship	0	4,06,80,211	4,06,80,211	0	1,95,31,313	1,95,31,313
k) Subscription expenses	0		0	0	0	0
l) Others						
i) Seed Capital	0	13,53,778	13,53,778	0	29,71,646	29,71,646
ii) Seed Project Expenditure	0	4,84,001	4,84,001	0	1,92,659	1,92,659
iii) Hostel Expenditure	0	1,09,83,954	1,09,83,954	0	91,53,295	91,53,295
iV) Other Expenditure	0	12,88,515	12,88,515	0	0	0
TOTAL	**0**	**7,43,92,924**	**7,43,92,924**	**0**	**3,71,36,522**	**3,71,36,522**

SCHEDULE 17- ADMINISTRATIVE AND GENERAL EXPENSES

PARTICULARS	CURRENT YEAR			PREVIOUS YEAR		
	PLAN	NON PLAN	TOTAL	PLAN	NON PLAN	TOTAL
A. Infrastructure						
a) Electricity and Power	0	1,74,23,605	1,74,23,605	0	81,35,215	81,35,215
b) Water charges	0	19,000	19,000	0	0	0
c) Insurance	0	0	0	0	0	0
d) Rent, Rates and Taxes (including property tax)	0	25,00,000	25,00,000	0	17,15,000	17,15,000
B. Communication						
e) Postage and telegram	0	52,239	52,239	0	0	0
f) Telephone, Fax and Internet Charges	0	31,07,183	31,07,183	0	30,18,819	30,18,819
C. Others						
g) Printing and Stationary (Consumption)	0	24,14,081	24,14,081	0	11,90,886	11,90,886
h) Travelling and Conveyance Expenses(Offiers Establishments)	0	2,96,724	2,96,724	0	14,61,766	14,61,766
i) Hospitality	0	6,88,714	6,88,714	0	0	0
j) Auditor's Remuneration	0	1,14,800	1,14,800	0	0	0
k) Professional Charges	0	24,304	24,304	0	6,75,400	6,75,400
l) Advertisement and Publicity	0	29,69,142	29,69,142	0	6,65,670	6,65,670
m) Magazines and Journals	0	43,22,129	43,22,129	0	0	0
n) Recruitment Expenses	0	33,56,631	33,56,631	0	3,57,149	3,57,149
0) Others (Specify)						
--- DOC - Contingent Expenses	0	16,14,243	16,14,243	0	0	0
--- Contingencies for Sp. Faculty & Allowances		85,000	85,000	0	17,41,825	17,41,825
--- Catering and maintenance of Guest House	0	47,51,653	47,51,653	0	68,45,204	68,45,204
--- Maintenance of VIP Bunglaw	0		0	0	47,53,455	47,53,455
--- Bank Charges	0	11,268	11,268	0	8,341	8,341
--- Medical Expenses	0	23,71,267	23,71,267	0	10,50,133	10,50,133
--- Inaguration Expenses	0	0	0	0	0	0
--- Sports	0	4,91,619	4,91,619	0	0	0
--- Identity Card expenses	0	0	0	0	0	0
--- Staff & Students Aminities	0		0	0	65,000	65,000
--- TDS Expenses	0	0	0	0	0	0
--- Other Miscelleneous Expenses	0	35,17,823	35,17,823	0	60,78,137	60,78,137
TOTAL	**0**	**5,01,31,425**	**5,01,31,425**	**0**	**3,77,62,000**	**3,77,62,000**

SCHEDULE 18- TRANSPORTATION EXPENSES

PARTICULARS	CURRENT YEAR			PREVIOUS YEAR		
	PLAN	NON PLAN	TOTAL	PLAN	NON PLAN	TOTAL
1. Vehicles (owned by educational institution)						
a) Running Expenses	0	0	0	0	0	0
b) Repairs and Maintenance	0		0	0		0
c) Insurance Expenses	0	0	0	0	0	0
2. Vehicles taken on Rent/ Lease						
a)Rent/ Lease Expenses	0	70,70,821	70,70,821	0	56,29,470	56,29,470
3. Vehicle (Taxi) hiring expenses	0		0	0		0
TOTAL	**0**	**70,70,821**	**70,70,821**	**0**	**56,29,470**	**56,29,470**

SCHEDULE 19- REPAIRS AND MAINTENANCE

PARTICULARS	CURRENT YEAR			PREVIOUS YEAR		
	PLAN	NON PLAN	TOTAL	PLAN	NON PLAN	TOTAL
a) Building	0	89,12,015	89,12,015	0	0	0
b) Furnitures and Fixtures	0	24,61,086	24,61,086	0	0	0
c) Plant and Machinery	0	43,09,969	43,09,969	0	0	0
d) Office Equipment	0	75,837	75,837	0	0	0
e) Computers	0	1,74,909	1,74,909	0	0	0
f) Laboratory & scientific equipment	0	2,64,533	2,64,533	0	6,22,742	6,22,742
g) Audit Visual Equipment	0	0	0	0	0	0
h) Cleaning Material & Services	0	7,70,338	7,70,338	0	0	0
i) Book binding charges	0	49,241	49,241	0	0	0
j) Gardening	0	69,34,846	69,34,846	0	0	0
k) Estate Maintenance	0	4,20,850	4,20,850	0	0	0
l) Others						
i) Internet & Email	0	6,21,669	6,21,669	0	0	0
ii) Roads & Water Lines	0	8,48,740	8,48,740	0	0	0
iii) Sports Amenities	0	59,823	59,823	0	0	0
iv) Others	0	62,730	62,730	0	70,73,955	70,73,955
TOTAL	**0**	**2,59,66,586**	**2,59,66,586**	**0**	**76,96,697**	**76,96,697**

SCHEDULE 20- FINANCE COSTS	CURRENT YEAR			PREVIOUS YEAR		
	PLAN	NON PLAN	TOTAL	PLAN	NON PLAN	TOTAL
a) Bank Charges	0	0	0	0	0	0
b) HEFA Loan Interest	0	13,42,53,225	13,42,53,225	0	16,76,27,204	16,76,27,204
TOTAL	**0**	**13,42,53,225**	**13,42,53,225**	**0**	**16,76,27,204**	**16,76,27,204**

Note: If the amount is not material, the head Bank Charges could be omitted and these could be accounted as Admin Expn in Schedule 17

SCHEDULE 21- OTHER EXPENSES	CURRENT YEAR			PREVIOUS YEAR		
	PLAN	NON PLAN	TOTAL	PLAN	NON PLAN	TOTAL
a) Provision for Bad and Doubtful Debts/ Advances	0	0	0	0	0	0
b) Irrecoverable Balances Written-off	0	0	0	0	0	0
c) Grants / Subsidies to other Institutions /Organizations	0	0	0	0	0	0
c) Others (Specify)	0	0	0	0	0	0
TOTAL	**0**	**0**	**0**	**0**	**0**	**0**

Note: Other expenses shall be classifed as writes-off, provisions, miscellanoues expenses, loss on sale of investments, loss of fixed assets and loss on sale of fixed assets etc., and disclosed accordingly.

SCHEDULE 22- PRIOR PERIOD EXPENSES	CURRENT YEAR			PREVIOUS YEAR		
	PLAN	NON PLAN	TOTAL	PLAN	NON PLAN	TOTAL
1. Establishment Expenses	0	0	0	0	0	0
2. Academic Expenses	0	0	0	0	0	0
3. Administrative Expenses	0	0	0	0	0	0
4. Transportation Expenses	0	0	0	0	0	0
5. Repairs & Maintenance	0	0	0	0	0	0
c) Other Expenses	0	0	0	0	0	0
TOTAL	**0**	**0**	**0**	**0**	**0**	**0**

NATIONAL INSTITUTE OF TECHNOLOGY

ANDHRA PRADESH

RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 31-03-2022

(Amount in Rupees)

RECEIPTS	Current Year	Previous Year	PAYMENTS	Current Year	Previous Year
I. Opening Balances:			**I. Expenses**		
a) Cash in hand			a) Establishment Expenses	25,58,87,376	20,63,26,302
--- Main Cash Book	0	0	b) Academic Expenses	7,43,92,924	6,07,28,030
--- Imprest with Departments	0	3,75,000	c) Administrative Expenses	5,59,86,511	4,05,93,037
b) Bank Balances			d) Transportation Expenses	70,70,821	63,14,766
--- In Current Accounts	41,78,21,681	7,18,20,003	e) Repairs & Maintenance	2,59,66,586	76,96,697
--- In Current Accounts(EMD)	2,24,31,379	1,36,27,383	f) Prior Period Expenses	0	0
--- In Current Accounts(FEE)	51,68,24,725	13,74,28,032	g) Finance Cost	13,42,53,225	16,76,27,204
--- In Current Accounts(Scholar Ships)	7,20,962	24,95,743			
			II. Payments made against Earmarked / Endowment Funds		
--- In Current Accounts(Projects)	97,17,194	1,33,42,500	--- Earmarked Fund	0	0
--- In Deposit Accounts	0	0	--- Endowment Fund	0	0
--- In Current Accounts(FEST)	7,65,898	6,01,555			
--- In Current Accounts (Recruitment)	3,53,145	4,02,759			
			III. Payments against Sponsored Projects / Schemes	0	0
--- In Current Accounts(Gratiuty)	98,78,972				
--- In Current Accounts(Hostel)	33,78,566				
			IV. Payments against Sponsored Felllowships / Scholarships	0	0
--- In Current Accounts(Leave Encashment)	25,46,449				
--- In Current Accounts(SC Recurring)	4,23,86,692				
--- In Current Accounts(ST Recurring)	2,45,14,864		**V. Investments and Deposits made**		
--- Savings Account (others)	0	0	a) Out of Earmarked / Endowments funds	0	0
II. Grants Received			b) Out of Own funds	0	0
a) From Govt. of India					
--- Towards General Fund	13,49,25,000	81,27,00,000	**VI. Term Deposits with Scheduled Banks**	1,13,06,33,914	38,75,00,000
--- Towards Revenue Exp	0	0			
			VII. Expenditure on Fixed Assets and Capital Works - in - Progress		
--- MHRD Grants Received	24,10,39,392	22,68,00,000			
b) From State Government	0	0	a) Fixed Assets	3,38,90,271	11,69,67,685
c) From Other Sources	0	0	b) Capital Work - in - Progress	0	1,27,86,13,000
III. Academic Receipts			**VIII. Other Payments incl statutory payments**		
	15,75,37,899	9,04,95,913			
			--- Statutory Liabilities	3,78,69,044	3,61,74,331
IV. Receipts against Earmarked / Endowment Fund					
--- Earmarked Fund	2,06,58,10,985	57,11,51,092	**IX. Refunds and Grants**	0	0
--- Endowment Fund	0	0			
			X. Deposits and Advances		
V. Receipts against Sponsored Projects / Schemes	0	0	--- Other Deposits	69,80,701	3,77,43,771
			--- Advances to Co-ordinator / Dept	70,97,168	13,25,788
VI. Receipts against Sponsored Fellowships and	0	0	--- Advance Rent to BSNL	7,28,650	7,28,650
			--- Advance CPWD	18,13,00,000	85,00,00,000

NATIONAL INSTITUTE OF TECHNOLOGY

ANDHRA PRADESH

RECEIPTS AND PAYMENTS FOR THE YEAR ENDED 31-03-2022

(Amount in Rupees)

RECEIPTS	Current Year	Previous Year	PAYMENTS	Current Year	Previous Year
VII. Income on Investments from					
--- Earmarked / Endowment Funds	0	38,05,962	**XI. Other Payments - As per List enclosed**	2,01,21,91,482	31,76,81,441
--- Other Investments	0	0			
			XII. Closing Balances		
VIII. Interest received on			**a) Cash in hand**		
--- Bank Deposits	71,50,494	7,89,48,932	--- Main Cash Book	0	0
--- Loans and Advances	0	0	--- Imprest with Departments	0	0
--- Savings Bank Account	2,64,771	0	--- Imprest with Others	4,80,000	0
			b) Bank Balances		
IX. Investment encashed	0	0	--- In Current Accounts	2,45,15,620	41,78,21,681
			--- In Current Accounts(EMD)	2,47,65,108	2,24,31,379
X. Term Deposits with Scheduled Banks encashed	52,76,72,427	1,13,55,12,394	--- In Current Accounts(FEE)	17,76,54,841	51,68,24,725
			--- In Current Accounts(Scholar Ships)	3,48,181	7,20,962
			--- In Current Accounts(Projects)	0	97,17,194
XI. Other Income (including PPI)			--- In Current Accounts(FEST)	13,51,486	7,65,898
--- Misc Fund for Hostel	0	0	--- In Current Accounts (Recruitment)	22,34,984	3,53,145
--- Other Income	86,61,901	25,67,963	--- In Current Accounts(Gratiuty)	0	98,78,972
--- Misc Receipts for Institution	1,040	22,51,833	--- In Current Accounts(Hostel)	6,13,93,685	33,78,566
--- Recruitment Appilication Fee	38,46,771	5,000	--- In Current Accounts(Leave Encashment)	0	25,46,449
XII. Deposits & Advances			--- In Current Accounts(SC Recurring)	4,23,86,075	4,23,86,692
--- Other Deposits	4,69,19,026	6,19,85,832	--- In Current Accounts(ST Recurring)	2,45,14,247	2,45,14,864
--- Advances Accounts	39,17,168	31,43,045	--- In C/A Canara Bank- Guest House	1,48,376	0
--- Advance CPWD	0	1,27,86,13,000	--- In C/A Canara Bank- HEFA Interest	2	0
			--- In Current Accounts RBI	0	0
XIII. Misc Receipts incl Statutory Receipts			--- In Current Accounts -Deductions	43,75,163	0
--- Statutory Liabilities	4,22,52,264	3,45,41,087	--- In Current Accounts-FDP	2,29,497	0
			--- In State Bank of India-GIAN	10,80,473	0
			--- In State Bank of India-Projects	3,19,51,945	0
XIV. Any Other Receipts - As per List Encl	7,03,38,690	2,47,46,202			
	4,36,16,78,356	**4,56,73,61,229**		**4,36,16,78,356**	**4,56,73,61,229**

ENCLOSURE TO RECEIPTS AND PAYMENTS ACCOUNT

(Amount in Rupees)

ADVANCES

	RECEIPTS	PAYMENTS
I. Advances to Co-ordinator / Dept		
--- Advances to Co-ordinator		
--- Advances to Dean/Heads	39,17,168	70,97,168
--- Advances to LTC	0	0
--- Advance CPWD	-	18,13,00,000
Total	**39,17,168**	**18,83,97,168**

Statutory Liabilities	**RECEIPTS**	**PAYMENTS**
GPF	1,43,352	1,43,352
GSLI	4,200	4,200
VPF		
Profession Tax	4,50,185	4,13,885
NPS	2,35,49,442	2,11,27,699
Cess	38,209	0
Seinarage	5,511	0
GST	41,25,169	35,43,782
Income Tax (TDS)	1,39,36,196	1,26,36,126
	4,22,52,264	**3,78,69,044**

CAPITAL EXPENSES INCURRED DURING THE YEAR

	RECEIPTS	PAYMENTS
Electrical Installation and Equipment	0	8,00,256
Plant & Machinary	0	
Scientific & Laboratery Equipment	0	75,30,194
Office Equipment	0	21,67,048
Audio Visuals	0	7,68,700
Computers & Peripherals	0	73,66,616
Furnitures, Fixtures & Fittings	0	1,43,13,304
Lib. Books & scientific Journals	0	8,81,433
Land	0	
Intangible Assets	0	62,720
Capital Work In Progress	0	0
Construction	0	0
GRAND TOTAL ******	**0**	**3,38,90,271**

ENCLOSURE TO RECEIPTS AND PAYMENTS ACCOUNT

(Amount in Rupees)

OTHER DEPOSIT ACCOUNTS

(Amount in Rupees)

	RECEIPTS	PAYMENTS
Hostel Caution Deposit	49,92,000	2,72,000
Lab and Library Deposit	51,32,672	3,42,000
Hostel Charges Receive & Paid	0	0
Mess Charges Received & Paid	0	0
Aluminium Association Fee	16,84,000	12,000
CPDA unutilised balance	2,74,234	0
Games Fee	14,85,500	5,000
Institution Development fee	84,20,000	60,000
Internet & ICT Charges	31,05,600	7,200
Medical Fee	25,88,000	6,000
Magazine Fee	4,12,000	2,200
Students Club Fee	12,94,000	3,000
Student Library Fee	40,61,000	10,500
Student Welfare Fund	8,53,000	2,600
Technical Association Fee	6,32,500	2,400
Student Scholarship	11,79,366	15,00,738
Tender Deposit	14,98,646	12,86,000
fest fee collected	13,32,300	2,32,910
Fest Sponsership	8,10,000	0
M.Tech Stipend Hold	24,800	0
P.hd Stipend Hold	8,00,666	2,33,920
Withheld Amount	20,35,028	30,02,233
Un Identified Crdit	18,701	0
F D P	0	0
	4,26,34,013	**69,80,701**

INVESTMENTS ACCOUNT

Short Term Deposit Account with SBI,	11,51,72,427	85,56,33,914
Short Term Deposit Account with CANARABANK	41,25,00,000	27,50,00,000
	52,76,72,427	**1,13,06,33,914**

ANY OTHER DEPOSITS

	RECEIPTS	PAYMENTS
Other dedution in salary	0	0
Salary Payable	9,25,066	80,350
Fee Payable	2,33,87,048	1,76,95,787
Fee Receivable	3,34,000	3,41,667
Advance Fee Recived	0	0
Fellowships	3,29,74,863	91,90,769
HEFA Loan	0	1,98,46,74,908
Adv from SBI CR Reddy Branch	0	0
TDS Recivable	0	0
GRAND TOTAL ******	**5,76,20,977**	**2,01,19,83,481**

ENCLOSURE TO RECEIPTS AND PAYMENTS ACCOUNT

(Amount in Rupees)

EARMARKED/ENDOWMENT FUNDS

	RECEIPTS	PAYMENTS
SC Sub Plan - Non Recurring	2,68,00,000	0
SC Sub Plan - Recurring	2,40,76,270	0
ST Sub Plan - Non Recurring	1,95,75,000	0
ST Sub Plan - Recurring	1,41,23,850	0
HEFA Loan Fund	1,98,12,35,865	0
SERB - Scanning FOMI - Dr Mohammed Ahmed Mohid	0	0
GRAND TOTAL ******	**2,06,58,10,985**	**0**

Other Income (including PPI)

	RECEIPTS	PAYMENTS
Institution fund	11,98,356	91,000
Tender Appilication fee	1,35,000	5,000
Paid Accomadation	4,86,000	0
Gust House Receipts	2,19,812	0
Consultancy Fee	23,73,131	0
GIAN Applilication fee	1,52,500	0
MBA Aplication Fee	1,29,000	21,000
Water Charges Recovery	63,373	0
Ph.D Appilication Fee	7,60,500	0
FDP Appilication fee	2,45,502	0
Processing fee	3,35,000	0
Electricity Bill Recovered From Employees	2,85,279	90,001
Electricity Bill Recovered From Vendors	2,31,940	0
Income From Guestes in Hostel	1,94,871	0
Rent Recovery	10,96,718	0
Over head charges	9,61,920	0
Recruitment Appilication Fee	38,47,771	1,000
Misc. Recipts for Institution	1,040	0
GRAND TOTAL ******	**1,27,17,713**	**2,08,001**

Imprest

	Opening	RECEIPTS	PAYMENTS	Closing
Others	0	27,46,541	32,26,541	4,80,000
GRAND TOTAL ******	0	**27,46,541**	**32,26,541**	**4,80,000**

SCHEDULE: 23

SIGNIFICANT ACCOUNTNG POLICIES

1. **BASIS FOR PREPARATION OF ACCOUNTS:**

   The Accounts are prepared under the Historical Cost Convention unless otherwise stated and generally on the accrual method of accounting.

2. **REVENUE RECOGNITION**

   2.1 Fees from Students (except Tuition Fees), Sale of Admission Forms, Royalty and Interest on Savings Bank account are accounted on cash basis. Tuition Fees collected separately for each semester is accounted on accrual basis.

   2.2 Interest on Investments are accounted on accrual basis.

   2.3 The Institute has not given any advance to staff for House Building, Purchase of Vehicles and Computers. Hence no interest recognized.

3. **FIXED ASSETS AND DEPRICIATION**

   3.1 Fixed assets are stated at cost of acquisition including inwards freight, duties and taxes and incidental and direct expenses related to acquisition, installation and commissioning.

   3.2 No value is available for value of Land which was allotted by the State Government. Hence the value is shown as Rs.1.00.

   3.3 Fixed assets are valued at cost less accumulated depreciation.

3.4 Depreciation on fixed assets is provided on straight line method, at the following rates

Tangible Assets:

1. Land	0%
2. Site Development	0%
3. Buildings	2%
4. Roads & Bridges	2%
5. Tube wells & Water Supply	2%
6. Sewerage & Drainage	2%
7. Electrical Installation & Equipments	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, Fixture & Fittings	7.5%
14. Vehicles	10%
15. Lib Books & Scientific Journals	10%

Intangible Assets

1. E-Journals	40%
2. Computer Software	40%
3. Patents and Copyrights	9 Years

3.5 Depreciation is provided for the whole year on additions during the year

4. **STOCKS:** Expenditure on purchase of chemicals, glassware, publications and other stores is accounted as revenue expenditure, except that the value of closing stocks held on 31st March is set up as inventories by reducing the corresponding Revenue Expenditure on the basis of information obtained from Departments. The closing stock as at 31st March is **NIL.**

5. **RETIREMENT BENEFITS**

Retirement benefits of Rs. 1,37,21,713/- has been paid under employer share in NPS.
A provision for Gratuity of Rs. 1,19,40,615/- has been provided.
A provision for Leave Encashment of Rs. 1,20,31,466/- has been provided.

6. **INVESTMENTS: - Nil –**

7. **Earmarked / Endowment Funds:** During the year, the Institute has received an amount of Rs.2,40,76,270/- towards SC – Sub Plan Recurring, Rs.1,41,23,850/- towards ST Sub Plan Recurring, Rs.2,68,00,000/- towards SC – Sub Plan Non-Recurring, Rs.1,95,75,000/- towards ST Sub Plan Non-Recurring, Rs.1,98,12,35,865/- towards HEFA loan. During this year, an expenditure of Rs.5,90,85,426/- towards SC – Sub Plan Recurring, Rs.4,18,70,730/- towards ST Sub Plan Recurring, Rs.3,49,53,897/- towards SC – Sub Plan Non-Recurring, Rs.2,28,48,644/- towards ST Sub Plan Non-Recurring, Rs. 1,98,12,35,865/- towards HEFA loan has been booked. Remaining amount is held in Current Accounts in State Bank of India.

8. **CORPUS/CAPITAL FUND / OTHER FUNDS:**

The fund was established in F.Y.2015-16. The Contributions from UGC, Central Government and State Government to the extent utilized for Capital nature are treated as additions to Capital Fund.

9. **GOVERNMENT AND UGC GRANTS**

9.1 Government Grants and UGC Grants are accounted on realization basis. However, where a sanction for release of grant pertaining to the financial year is received before 31st March and the grant is actually received in the next financial year, the grant is accounted on accrual basis and an equal amount is shown as recoverable from the Grantor.

9.2 To the extent utilized towards capital expenditure, (on accrual basis) government grants and grants from UGC are transferred to the Capital Fund.

9.3 Government and UGC grants for meeting Revenue Expenditure (on accrual basis) are treated, to the extent utilized, as income of the year in which they are realized.

9.4 Unutilized grants (including advances paid out of such grant) are carried forward and exhibited as a liability in the Balance sheet

10. INVESTMENTS OF EARMARKED FUNDS AND INTEREST INCOME ACCRUED ON SUCH INVESTMENTS:

----Nil---

11. SPONSORED PROJECTS: --- Nil ---

12. INCOME TAX

The income of the Institution is exempt from Income Tax under Section 10(23c) of the Income Tax Act 1961. No provision for tax is therefore made in the accounts.

13. PRIOR PERIOD ADJUSTMENTS:

a) Purchase of Fixed Assets of Rs.1,04,71,340/- which was adjusted during the year . (Credit to the "Income from Previous Years" and Debit to the Fixed Assets).

b) HEFA Grant (*towards repayment of Principle and Interest*) has shown in the Earmarked Funds in Schedule-2.

SCHEDULES 24: CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS:

ITEMS TO BE COVERED IN THIS SCHEDULE ARE LISTED BELOW

A. CONTINGENT LIABILITIES:

1.	Claim against the Entity not acknowledged as debts	--- Nil ---
2.	Guarantees and Letters of credit outstanding	--- Nil ---
3.	Other items for which the entity is contingently liable	--- Nil ---

B. **NOTES ON ACCOUNTS**:

1.	Commitments on Capital Account not provided for	This would arise in terms of contracts / arrangements in terms of which amounts would have to be paid for acquisitions / constructions of assets as and when they take place. The amount, net of advances is required to be disclosed. Rs.
2.	Educational institutions should host following information in public domain so as to enable all other stakeholders to have a bird's eye view of educational institutions' capacity and capability	
(i)	No of students	2554
(ii)	No of teachers	121
(iii)	Collection on account of building fund and expenditure thereof	Nil
(iv)	Collection for sports activities and expenditure thereof	Amount Collected : Rs.14,85,500/- Expenditure incurred : Rs.5,000*/-

(v)	Collection for co-curricular activities and expenditure thereof	Nil
(vi)	Collection on account of development charges and expenditure thereon	Amount Collected : Rs84,20,000/- Expenditure incurred : Rs.60,000*/-
(vii)	Collection for medical expenses and expenditure thereon	Amount Collected : Rs.25,88,000/- Expenditure incurred : Rs.6,000*/-
(viii)	Compliance with statutory dues like EPF and ESI	Not Applicable
(ix)	Salary structure of teachers	7th CPC

The above information can also be calculated on per student basis.

* This amount has been refunded to the students who as opted out for the college.

3. Related Party Disclosures: --- No transactions were taken place during the financial year with related party.

4. The Details of balances in Savings Bank Accounts, Current Accounts and Fixed Deposit Accounts with Banks are enclosed as Attachment to the Schedule of Current Assets.

5. Previous Year figures have been regrouped wherever necessary

6. Schedules 1 to 24 are annexed to and form an integral part of the Balance Sheet at 31st March, 2022 and the Income & Expenditure account for the year ended on that date.

No.PDA(C)/CEA/Unit-1/NITAP/SAR 2021-22 / 2022-23/160 Date:03/11/2022

सेवा में

सचिव,

भारत सरकार,

शिक्षा मंत्रालय,

महोदय,

ववषय: Separate Audit Report on the Accounts of the National Institute of Technology, Andhra Pradesh, for the year 2021-22.

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Separate Audit Report on the Accounts of the National Institute of Technology, Andhra Pradesh, for the year 2021-22., Annexure thereof and one copy of the Annual Accounts for the year 2021-22, are forwarded herewith for placing before both the Houses of Parliament.

The dates of presentation of Separate Audit Report in both the Houses of Parliament may please be intimated.

Receipt of this letter along with the enclosures may kindly be acknowledged.

भवदीय,

संल:यथोपरर

Sd/-

Principal Director of Audit (Central)

No.PDA(C)/CEA/Unit-1/NITAP/SAR 2021-22 / 2022-23/161 Date:03/11/2022

Copy to Prof. Pramod M. Padole, Director (In-charge), National Institute of Technology, Andhra Pradesh, along with one copy of Annual Accounts for the year 2021-22 (English version), with a request to furnish Hindi version of the approved Annual Accounts 2021-22 (2 sets), to this Office.

संल:यथोपरर

Ch.V.Sai Prasad

(Ch.V. Sai Prasad)
Director/ Central Expenditure Audit
O/o Principal Director of Audit (Central)

SEPARATE AUDIT REPORT OF THE COMPTROLLER & AUDITOR GENERAL OF INDIA ON THE ACCOUNTS OF NATIONAL INSTITUTE OF TECHNOLOGY, TADEPALLIGUDEM, ANDHRA PRADESH FOR THE YEAR ENDED 31 MARCH 2022

1. We have audited the attached Balance Sheet of National Institute of Technology, Andhra Pradesh (NIT AP), Tadepalligudem as at 31 March 2022, the Income & Expenditure Account and Receipts & Payments Account for the year ended on that date under section 19(2) of the Comptroller & Auditor General's (Duties, Powers & Conditions of Service) Act, 1971. These financial statements are the responsibility of the Institute's management. Our responsibility is to express an opinion on these financial statements based on our audit.
2. This Separate Audit Report contains the comments of the Comptroller & Auditor General of India (CAG) on the accounting treatment only with regard to classification, conformity with the best accounting practices, accounting standards and disclosure norms, etc. Audit observations on financial transactions with regard to compliance with the Law, Rules & Regulations (Propriety and Regularity) and efficiency-cum-performance aspects, etc., if any are reported through Inspection Reports/CAG'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 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/ Receipts & Payments Account dealt with by this Report have been drawn in the Format of Accounts, prescribed by Government of India, Ministry of Education, for Central Higher Educational Institutions.

   iii. In our opinion, proper books of accounts and other relevant records have been maintained by the Institute, in so far as it appears from our examination of such books.

   iv. We further report that:

A Comments on Accounts

A. BALANCE SHEET:

A.1 Sources of Fund

A.1.1 Current Liabilities & Provisions - ₹36.92 crore

A.1.1.1 Provision for known liability (towards payment of electricity bill for the month of March 2022 of ₹24.69 lakh was not made, despite accounts being maintained on accrual basis. This resulted in understatement of Current Liabilities & Provisions andExpenditure by ₹24.69 lakh each and consequently overstatement of Surplus by ₹24.69 lakh.

A.1.1.2 Credit balance of ₹3,18,89,431 under Sponsored Fellowships and Scholarships included debit balance of ₹3,01,010 This resulted in understatement of Current Liabilities & Provisions and Loans, Advances and Deposits by ₹3,01,010.

A.2 Application of Funds

A.2.1 Fixed Assets- ₹21.40 crore

A.2.1.1 Though the works relating to Phase 1-A (construction of Boys Hostel, Girls Hostel, Class Room Complex, Boys/Girls Mess, Canteen Labs, Workshops, Guest house, Faculty/Staff quarters, Outdoor sports facilities) worth ₹2.06 crore were reported as completed by CPWD during the year and the buildings were put to use, the same were not capitalised and depreciation was not provided. This resulted in understatement of Fixed Assets and overstatement of Capital-Work-in-Progress by ₹2.06 crore. Further, the policy of the Institute in this regard was also not suitably disclosed.

A.2.1.2 An amount of ₹62,97,997 incurred towards purchase/fixing of (i) Chatrapati Shivaji Statue (₹14,62,000) and Mahatma Gandhi Statue (₹4,95,000); (ii) Construction of Washing Sheds near Boys & Girls Hostels (₹ 24,04,072) and (iii) Electrical Installation Charges-Extension of HT Power supply (₹19,36,925), were incorrectly treated as revenue expenditure. This resulted in understatement of Fixed Assets and understatement of Capital Fund by ₹62,97,997.

B. General

B.1 Capital Expenditure of ₹18,02,50,000 (₹4,53,25,000 and ₹13,49,25,000) advance paid to CPWD was incorrectly added to Corpus/Capital fund which needs to be rectified. This resulted the overstatement of corpus fund and understatement of current liabilities

B.2 An amount of ₹13,75,000 incurred towards HEFA Loan repayment and an amount of ₹1,92,268 incurred towards HEFA Loan interest payment for the year 2021-22, met out of Recurring Grants (Non-HEFA) was not suitably disclosed in Annual accounts.

B.3 State Government handed over 172.08 acres of free hold land to the Institute. Though the value of the Land (Sl.No. of Schedule -4 Fixed Assets) was shown as ₹1 in the Annual Accounts, the details of land allotted was not suitably disclosed in Annual Accounts.

B.4 Prior period expenditure of ₹1,34,83,954 [1] was accounted for as current year expenditure under Schedule-16- 'Academic Expenses ' instead of under Schedule -22- 'Prior period expenses', as stipulated in Formats of Financial Statements for CentralHigher Educational Institutions. This resulted in overstatement of current yearexpenditure and understatement of prior period expenditure by ₹1.35 crore.4

B.5 Against Security Deposit of ₹33,28,800 (with M/s Easter Power Distribution Company of Andhra Pradesh), an amount of ₹10,00,000 only was depicted under Schedule - 8 "Loans, Advances and Deposits". This needs to be reconciled.

B.6 The difference of ₹6.43 crore between Closing Balance as per Separate Audit Report for the year 2020-21 (₹55.64 crore) and Sch.10 (₹62.07 crore) needs to be reconciled.

B.7 GPF and NPS Accounts (Receipts & Payments Account, Income & Expenditure account and Balance Sheet) need to be prepared separately and enclosed to the Annual Accounts, as stipulated in Formats of Financial Statements for Central Higher Educational Institutions prescribed by Ministry of Education.

C. Grants-in-aid: Out of grant-in-aid of ₹306.25crore (including unutilised balance of the previous year ₹62.07 crore (as per Annual Accounts) and ₹244.18[2] crore (excluding

---

[1] (i) Care Taker Bills for the months April 2020 to June 2020 and October 2020 to December 2020: ₹23,10,954; (ii)Hostel Housekeeping charges for the months April 2020 to June 2020 and October 2020 to December 2020: ₹86,73,000; and (iii) Rent paid for temporary accommodation for the period from January 2020 to March 2020: ₹25,00,000.

2 Receipts and Payments Account: General Fund: ₹13.49 crore; MHRD Grants: ₹24.10 crore and Earmarked Funds including HEFA: ₹206.59 crore

refund of grants of ₹9.87 crore)) received during the year, the Institute could utilize a sumof ₹301.42[3] crore leaving ₹4.83 crore as unutilized grant as on 31 March 2022.

D. Management Letter

Deficiencies that have not been included in the Separate Audit Report have been brought to the notice of the Director, National Institute of Technology, Andhra Pradesh, through amanagement letter issued separately for remedial/corrective action.

v. Subject to our observations in the preceding paragraphs, we report that the Balance Sheet, Income & Expenditure Account and Receipts & 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 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 National Institute of Technology, Andhra Pradesh (NIT AP), Tadepalligudem, as at31 March 2022; and

b. In so far as it relates to Income & Expenditure Account of the ***Surplus*** for the yearended on that date.

(Anindya Dasgupta)
Principal Director of Audit (Central), Hyderabad

3 Schedule .10 - Capital expenditure ₹239.31 crore; Revenue expenditure: ₹62.11 crore

ANNEXURE

1. Adequacy of Internal Audit System: Internal Audit was not conductedfor the year 2021-22.

2. Adequacy of Internal Control System: Internal Control System isinadequate due to the following reasons:

i) Internal Audit Wing was not established.
ii) Fixed Assets Register was not maintained properly. The details of the Assets were not recorded group-wise due to which the details of assets included in Schedule-4 could not be reconciled.
iii) Entry No 129 at page No.48 was not attested by Central Stores & Purchase Section.
iv) Against Four mandatory meetings (Finance Committee, Buildings and Works Committee), only one meeting was conducted during the year.

3. System of Physical verification of fixed assets: Physical verification offixed assets was conducted for the year 2021-22.

4. System of Physical verification of inventory: Physical verification of Inventory was conducted for the year 2021-22.

5. Regularity in payment of statutory dues: Statutory dues were paid regularly.

Ch.V.Sai Prasad

(Ch.V. Sai Prasad)
Director/ Central Expenditure Audit
O/o Principal Director of Audit (Central)