



Monthly Information System (MIS)

November 2021

Key Highlights

1. AP EAPCET 2021 Final Phase allotment was completed for Engineering Admissions. The following are the breakup details for the departments

	Civil Engg.	CSE	CSE (AI)	CSE (DS)	ECE	EEE	MECH	Total
Convenor/Allotted	28	96	24	24	96	48	43	359 (93%)
Management	01	26	08	07	27	02	07	76 (54%)

1. The first-year orientation programme is initiated from Nov. 29, 2021 onwards. Around 150+ students reported for the class work
2. TCS and WIPRO announced the official results of placement with 40 and 49 respectively and few more offers are expected to receive very soon from WIPRO
3. The first mid-term test was over for all the students of third and fourth years and the result analysis is furnished in the latter part of this presentation
4. The students of second year visited Centre of Excellence in Maritime and Ship Building for industrial training on Nov. 06 and Nov. 20, 2021 and also taken in-house training on Nov. 13 and 27, 2021 along with five members of faculty

6. Initiated one credit courses on
 - Python Programming and Salesforce Technology for the students of second and third year of CSE on 1st and 3rd Saturday in association with Enhance42.com, Axiom IO and Extra Curriculum, USA. Approximately 90 students are attending the programs through online mode
 - Concrete Technology in association with Marutham Developers, Chennai on Nov. 06, and 20, 2021
7. The results of supplementary examinations for the Semester I were declared by the office of the Controller of Examinations (NSRIT) and out of 123 appeared students, 38 students passed. Now the overall pass percentage of the first year is 71% which was earlier 68% at first attempt
8. The fourth semester results were declared for the present students of third year and the results are furnished in the later part of the presentation
9. Mr. Varma, TPO attended the Amaravati HR Conclave at Vijayawada on Nov. 14, 2021
10. Initiated online classes for regular courses through external subject matter experts from 06:00 PM - 09:30 PM on daily basis for the students of Civil Engineering
11. The following webinars were organized by various departments
 - a. CSE: Data Science by Mr. P. Guru Naidu, Data Scientist, AIDA Technologies Pvt. Ltd., Singapore on Nov. 09, 2021
 - b. MBA: Emerging Trends in Logistics & Supply Chain Management by Dr. Venkata Sai Srinivasa Rao, Prof. of LPU, Punjab on Nov. 20, 2021

12. The Department of ECE has organized parents-teachers meeting on Nov. 13, 2021
13. The Department of EEE has organized a webinar on “National eAwareness on SAMBHAV” in association with MSME on Nov. 18, 2021
14. IQAC had conducted FDP (Learn & Groom) on “Artificial Intelligence for All”, Dr. J. Priya Vijayanthi & Mrs. J. Anita Rani, “Outcome Based Accreditation” by Dr. Kalyan, On Revised bloom’s Taxonomy Dr. N. V. V. S. Suryanarayana to all the NSRIT teaching fraternity on 6th November 2021
15. Around 60+ students of second year are pursuing MOOCs in Python Basics in Coursera being offered by Michigan University, USA that span for 6 weeks. At present all the students have completed one module through online
16. Three students of second year MBA are pursuing internship program in Xtra Curriculum, USA with stipend of Rs. 4000 per month
17. Initiated mitigative measures in terms of conducting Model Test Series for improving the results of Sem. V
18. Completed one-week coaching classes (2-3 hours per day) for supplementary examinations for the courses Chemistry, Physics, Mathematics and Engineering Drawing

Academic Performance (Internal & External)

No.	Tests / Examinations	Target	Overall pass percentage			
			First year	Second year	Third year	Fourth year
1	Internal Assessment Test #1	85%	-	67%	81.3%	82.5%
2	Internal Assessment Test #2	85%	-	-	-	-
3	End Semester Examinations 2020 – 2021 ODD	85%	-	-	-	-

Academic Performance (Fourth Semester ACY 2020 - 2021)

No.	Branch	No. of Students Appeared	No. of Students Passed	No. of Students Failed	Pass %	Pass % in Semester III	Pass % in Semester II	Pass % in Semester I
1	Civil Engineering	29	16	13	55.17	34.40	28.60	28.60
2	Electrical and Electronics Engineering	26	06	20	23.07	61.50	27.30	27.30
3	Mechanical Engineering	114	46	68	40.35	31.30	14.80	18.50
4	Electronics and Communication Engineering	109	22	87	20.18	34.00	09.00	30.80
5	Computer Science & Engineering	120	46	74	38.33	52.10	29.00	30.60
	Overall Status	398	136	262	34.17	40.60	21.10	29.00

Academic Performance (Overall Status of B. Tech. III and IV Years)

No.	Program	Strength	All Pass	Percentage	With 1 Backlog	With 2 Backlog	With 3 Backlog	> 3
1	Civil Engineering	30	11	36.66	04	02	05	08
2	Computer Science & Engg.	120	33	27.50	19	12	07	49
3	Electronics & Communication Engg.	109	14	12.84	19	11	08	57
4	Electrical & Electronics Engg.	26	06	23.07	07	03	04	39
5	Mechanical Engineering	116	28	24.13	23	50	28	159
Total		401	92	22.94	72	50	28	159
1	Civil Engineering	42	30	71.42	05	03	02	02
2	Computer Science & Engg.	126	81	64.28	11	10	04	20
3	Electronics & Communication Engg.	110	51	46.36	19	11	08	21
4	Electrical & Electronics Engg.	59	26	44.06	12	07	02	12
5	Mechanical Engineering	143	65	45.45	23	17	08	30
Total		480	253	52.70	70	48	24	85

Academic Performance (Overall Status of B. Tech. II Year)

No.	Program	Strength	All Pass	Percentage	With 1 Backlog	With 2 Backlog	With 3 Backlog	> 3
1	Civil Engineering	22	15	68.2	03	0	01	03
2	Computer Science & Engg.	121	85	70.2	17	06	04	09
3	Electronics & Communication Engg.	31	23	74.2	02	03	01	02
4	Electrical & Electronics Engg.	31	28	90.3	0	02	01	0
5	Mechanical Engineering	121	87	71.9	13	10	05	06
6	CSE (AI and ML)	27	17	63.0	03	0	02	05
7	CSE (Data Science)	51	32	62.7	08	03	01	07
Total		404	287	71.0	46	24	15	32

Overall Attendance Snapshot (Nov. 2021) – Academic Year 2021 - 2022

2nd year

No.	Program	Students Strength	<65%		65% - 75%		>75%	
			No.	%	No.	%	No.	%
1	Civil Engineering	22	01	4%	04	18%	73%	16%
2	Computer Science & Engg.	121	22	18%	27	22%	72	62%
3	CSE (DS)	31	07	22%	04	12%	20	65%
4	CSE (AI & ML)	31	06	19%	08	25%	17	54%
5	Electronics & Communication Engg.	121	13	11%	20	16%	88	73%
6	Electrical & Electronics Engg.	27	09	33%	0	0	18	67%
7	Mechanical Engineering	51	11	21%	14	28%	26	51%

Overall Attendance Snapshot (Nov. 2021) – Academic Year 2021 - 2022

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NSRIT

3rd Year October 2021

Nov. 2021

No.	Program	Students Strength	<65%		65% - 75%		>75%	
			No.	%	No.	%	No.	%
1	Civil Engineering	32 42	18	56%	09	28%	05	16%
2	Computer Science & Engg.	121 126	30	25%	22	18%	68	56%
3	Electronics & Communication Engg.	109 110	24	22%	20	18%	65	59%
4	Electrical & Electronics Engg.	26 59	03	11%	04	15%	19	73%
5	Mechanical Engineering	116 143	69	60%	28	24%	19	16%

No.	Program	Students Strength	<65%		65% - 75%		>75%	
			No.	%	No.	%	No.	%
1	Civil Engineering	32 42	12	37%	09	28%	11	34%
2	Computer Science & Engg.	121 126	14	11%	36	35%	70	58.3%
3	Electronics & Communication Engg.	109 110	14	13%	36	33%	59	54%
4	Electrical & Electronics Engg.	26 59	0	-	7	27%	19	
5	Mechanical Engineering	116 143	23	20%	23	20%	70	60

4th Year October 2021

Nov. 2021

<65%		65% - 75%		>75%	
No.	%	No.	%	No.	%
10	23%	20	47%	12	29%
87	70%	25	20%	14	10%
16	15%	30	27%	64	58%
16	27%	29	35%	22	37%
64	45%	33	23%	46	32%

<65%		65% - 75%		>75%	
No.	%	No.	%	No.	%
04	09%	18	43%	20	48%
48	38%	38	30%	40	34%
14	13%	27	24%	69	63%
15	25%	11	18%	33	56%
36	24%	39	28%	68	48%

Status of Feedback on Curriculum Received from Stakeholders – No Change as it is recently completed

No.	Name of the program	Target Per department	No. of feedback received per department (Average)	Mode of receipt
1	Industry (AC 01)	05	3	Centralized Google Form
2	Academic (AC 02)	05	4	
3	Alumni (AC 03)	03	3	
4	Professional Bodies (AC 04) Preferably from Senior Members of Lead Societies	03	1	
5	Research Organizations (AC 05)	03	1	
6	Parent (AC 06)	03	1	
	Total	22 per dept.	13 per dept.	

Note: The mode of feedback received from stakeholders shall be through Email Communication, Google Form and Hard Copy (Signed). The target specified in the table is per month. The feedback shall be taken from the members of reputed institutions across India. In case of feedback from academia, the feedback shall be taken from the institutions which are in NIRF ranking less than 100. All feedback forms should be well documented and cumulatively all should be consolidated every month. The feedback should address diversity of all stakeholders and shouldn't be from same source.

Faculty Update (Nov. 2021)

Department	Faculty Available			Faculty Attrition / Faculty Accretion		Total
	Professor	Asso. Prof.	Asst. Prof.	Attrition	Accretion	
Civil Engineering (CE)	01	01	08	0	0	10
Computer Science & Engineering (CSE)	02	02	14	0	0	17
Electronics and Communication Engg. (ECE)	03	02	16	0	0	21
Electrical & Electronics Engineering (EEE)	01	02	06	0	0	09
Mechanical Engineering (ME)	03	04	13	0	0	20
Science & Humanities	01	05	17	0	02	23
Management Studies	03	01	14	-	-	18
Total	15	18	89	-	-	122

Faculty Development Programs Organized by the Department

No.	Name of the program	Sponsoring agency/Funding agencies, if any	Amount sanctioned (Rs. In Lakhs)	Duration of the program		Details of external resource persons	No. of participants
				From	To		
1	Master OBE	Self-supported	-	Sep. 18, 2021	Continuous	Internal Resources	All faculty
2	Faculty Grooming	Self-supported	-	Sep. 18, 2021	Continuous	Internal Resources	All faculty
3	Basics of Power Systems	Institute sponsored	Rs. 50, 000	Sep.19, 2021	Dec. 2021	Mr. U. V. V. Bhaskar, CEMS	1
4	Design of Electronic Circuits	Institute sponsored	Rs. 50, 000	Sep.19, 2021	Dec. 2021	Mr. K. Poorna Chandra, CEMS	2
5	NXCAD	Institute sponsored	Rs. 50, 000	Sep.19, 2021	Dec. 2021	Mr. S. Satish, CEMS	2
6	Faculty Grooming	Institute Supported	-	Nov. 06, 2021	Nov. 06, 2021	Internal Resources	All faculty

Faculty Participation in Professional Development Activities

No.	Name of the faculty	Online certification course	Faculty internship	Conference	Workshop	FDP		Total
						3 Day	5 day & above	
1	Civil Engineering	0	0	0	0	0	0	0
2	Computer Science and Engineering	0	0	0	0	1	1	2
3	Electronics and Communication Engineering (ECE)	4	2	0	0	0	2	8
4	Electrical and Electronics Engineering (EEE)	3	1	0	0	0	3	7
5	Mechanical Engineering	6	2	0	5	1	5	19
6	Master of Business Administration (MBA)	0	0	0	0	0	2	02
7	Freshman Engineering Department (i.e. BS & H)	1	0	2	1	1	0	05

Note: Indicate the number of participation by the members of faculty in each of these category

Student Training Programmes

No.	Name of the training	Mode of training (Online / Offline)	Year of study	No. of students	Details of external resources, if any	Date	
						From	To
1	Campus Recruitment Training (WIPRO)	Online	IV	50+	External	20-.09.2021	24.09.2021
2	Grooming Session for TCS subsequent Rounds of Interview	Offline	IV	66	Internal	30.09.2021	01.10.2021
3	Design of Basic Electronic Circuit (80 Hours)	Offline	II	64	CEMS	19.09.2021	19.12.2021
4	Basics of Power Systems (80 Hours)	Offline	II	53	CEMS	19.09.2021	19.12.2021
5	Concepts of Ship Design and NX CAD (80 Hours)	Offline	II	58	CEMS	19.09.2021	19.12.2021
6	Technical Training for Placements (2021 – 2022)	Offline	III	~200	External Resources	30.11.2021	
7	Python Programming	Offline/Online	II	~45	External Resources	06.11.2021	
8	Salesforce Administrator	Online	II, III	~45	External Resources	06.11.2021	
9	Concrete Technology	Online	II, III & IV	30	External Resources	06.11.2021	

Research & Development (As on date)

No.	Key Performance Indicators (KPIs)	Nos.	Faculty involved
1	Project proposal submitted	1	
2	Papers submitted to conference	2	2
3	Papers presented in conference		
4	Papers submitted to Scopus Indexed Journals	1	1
5	Papers accepted / published in Scopus Indexed Journals		
6	Papers submitted to SCI Indexed Journals	4	1
7	Papers accepted / published in SCI Indexed Journals	3 + 1	3
8	No. of working paper series	14	4
9	No. of project proposals under preparation	4	3

1. Only Principal investigators (PI), first authors alone shall be considered under the column "Faculty Involved"
2. In case if the same faculty involved in multiple KPIs, it shall be mentioned under the column "Nos"
3. Working paper series are the papers that are being prepared by the members of faculty for submission
4. List of projects - [Click here](#)
5. List of papers published (Scopus and SCI) - [Click here](#)

Till November 2021

No. of Paper Publications: 08

Scopus: 05

SCI: 06

Scopus: 01

Conference: 1

October 2021: 1

Scopus: 0

SCI: 1

Placement Snapshot

NSRIT

	Total Students Strength	Eligible Students	Job Offers	Multiple Offers	Percentage of Placement		CTC in Lakhs		
					Strength	Eligible	Minimum	Maximum	Average
Civil Engg.	42	30	01	01	2%	3%	3.6	3.6	3.6
EEE	59	26	11	13	19%	42%	3.6	3.6	3.6
Mechanical Engg.	143	65	11	12	7%	17%	2.8	3.6	3.4
ECE	110	51	27	38	25%	53%	2.8	4.6	3.7
CSE	126	81	55	91	43%	68%	2.8	6.0	4.4
Total	480	253	105	155	20%	37%	3.12	4.3	3.74

Project Proposals Submitted (No recent updates)



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NSRIT

No.	Title of the Project	Date of submission	Funding Agency	Scheme	Grant Amount (Rs. In Lakhs)	PI and Co - PI
1	Improving Detection Capability of Ground-Penetrating Radar Using a Deep Convolutional Neural Network	06-03-2021	SERB	Core Research Grant	21.43	Dr. K. Ravi Kumar (ECE)
2	Non-Isothermal Step Rolling Cum Cold / Cryo Rolling of 7xxx Al-12Zn-3Mg-2.5Cu Alloy with addition of 0.5% SC and Its Structure-Property Relation	09-07-2021	DST (TPN / 65535)	NANO TECHNOLOGY	15.30	Dr. VV Ravi kumar (ME) (PI) Dr. K. Raghu Ram Mohan reddy (ME) (Co-PI)

Research Paper Publications



No.	Title of the Paper	Name of the Journal	Indexed (Scopus / SCI)				Vol. xx, No. yy, pp. zz – ff, year
			Q1	Q2	Q3	Q4	
1	Biochar from waste biomass as a biocatalyst for biodiesel production: an overview. Dr. J. Raja Murugadoss	Applied Nanoscience (2 nd June 2021), Springer (SCI)		1			PP 12 Article No 1924
2	Effective removal of Remazol brilliant orange 3R using a biochar derived from Ulva reticulata. Dr. G. Kalyani	Energy Sources, Part A: Recovery, Utilization, and Environmental Effect (Taylor and Francis) (23 rd June 2021) (SCI)		1			https://doi.org/10.1080/15567036.2021.1943070
3	Low power PII frequency plat form synthesizer architecture and research using dynamic CMOS VLSI technology [Mr. K. Rajasekhar (ECE)]	Annals of RSCB (June)			1		Vol:25 issue 6
4	Water - Conventional and Novel Treatment Methods, Solar Driven Water Treatment (August 2021) Dr. J. Raja Murugadoss	Elsevier Book Chapter (SCI)		1			Published

Note: '1' refers to Scopus; '2' refers to SCI; '3' refers to ESCI. Q1...Q4 refers to the quartile where journal is placed at the time of publications.

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Thank You