



# Monthly Information System (MIS)

February 2022

## Key Highlights

- Successfully completed the second phase of first 1-credit courses viz. NXCAD Design, PCB Design and Basics of Power Systems for the students of Mechanical Engineering, ECE and EEE during Feb. 24 – 26, 2022 in CEMS, Visakhapatnam and certificates were issued to the students
- The third semester autonomous examinations for the students 2<sup>nd</sup> year B. Tech. M. Tech. and MBA are scheduled with the following date (s) and few were completed
  - B. Tech. : Feb. 14 – 23, 2022 (Completed)
  - M. Tech. : Feb. 28 – March 02, 2022 (Completed)
  - MBA : Feb. 28 – March 14, 2022 (Ongoing)
- The B. Tech. valuation was started on Feb. 16, 2022, and it is expected to be completed on March 05, 2022
- The Governing Council Meeting (14<sup>th</sup>) is scheduled on March 05, 2022
- Completed the 3<sup>rd</sup> Board of Studies (Autonomous) through online on Feb. 12, 14 and 15, 2022 for all U. G. programs pertaining to the syllabus of Semester V and VI including Professional and Open Electives I and II in addition to B. Tech. (Honors) and B. Tech. (Minor) courses under Category I

## Key Highlights

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- The 3<sup>rd</sup> Academic Council was conducted on Feb. 26, 2022 through online mode and all members attended the meeting
- NSS organized a voters day rally to Sontyam village on Jan. 25, 2022
- ACM Chapter, Department of CSE organized a webinar on Career Path – Thinking taking the support of Mr. K. Babu Rajendra Kumar, Director, Engineering at Freshworks, Hyderabad on Feb. 22, 2022
- Released the Institute Level Newsletter, Prasthan, Volume 07, Issue #1 on Feb. 06, 2022
- Five of the students of final year got placed in WIPRO Turbo with a CTC of Rs. 6.5 Lakhs in addition to 11 students placed in Mphasis with a CTC of Rs. 3.25 Lakhs
- Submitted the Self Assessment Report of NBA for four programs EEE, ECE, ME and CSE on Feb. 02, 2022
- Submitted the data related to QS – iGauge E-Lead Certification and the subsequent review and analysis is scheduled with the team on March 04, 2022

# Quality Initiatives

- The Teaching Learning process, especially the assessment pattern pertaining to Skill Oriented Course is completely tightened with **“Lite and Tight” model, similar to Finland education system promoting active learning strategies using LMS**
- Introduction of industry experts for assessing the learning outcomes pertaining to the courses of Skill Oriented Category
- Applied for QS – iGauge E-Lead Certification

## 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%	72%	79.29%	84.27%	85.5%
2	Internal Assessment Test #2	85%	Yet to Start	Jan. 3, 2022, onwards	Evaluation is on	-Jan. 31, 22 onwards
3	End Semester Examinations 2021 – 2022 ODD	85%	Scheduled on March 28, 2022	Jan. 09, 2022 onwards	Jan. 31, 22 onwards	Jan. 31, 22 onwards

# 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	32	11	<b>36.66</b>	4	2	6	9
2	Computer Science & Engg.	120	36	<b>30</b>	18	15	7	44
3	Electronics & Communication Engg.	109	17	<b>15.59</b>	20	7	10	55
4	Electrical & Electronics Engg.	26	6	<b>23.07</b>	7	5	2	6
5	Mechanical Engineering	116	32	<b>27.58</b>	23	22	4	35
Total		403	102	<b>25.31</b>	72	51	29	149
1	Civil Engineering	<b>42</b>	<b>30</b>	<b>71.42</b>	<b>6</b>	<b>2</b>	<b>2</b>	<b>2</b>
2	Computer Science & Engg.	126	87	<b>69.04</b>	8	8	5	18
3	Electronics & Communication Engg.	110	52	<b>47.2</b>	20	12	9	17
4	Electrical & Electronics Engg.	59	26	<b>44.06</b>	14	5	3	11
5	Mechanical Engineering	143	68	<b>47.55</b>	25	19	6	25
Total		480	263	<b>54.79</b>	73	46	25	73

## 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	<b>68.18</b>	3	0	1	3
2	Computer Science & Engg.	121	89	<b>73.55</b>	15	8	2	7
3	Electronics & Communication Engg.	31	24	<b>77.41</b>	3	1	1	2
4	Electrical & Electronics Engg.	31	28	<b>90.32</b>	0	3	0	0
5	Mechanical Engineering	121	96	<b>79.33</b>	9	9	3	4
6	CSE (AI and ML)	27	17	<b>62.96</b>	3	1	3	3
7	CSE (Data Science)	51	32	<b>62.74</b>	8	3	1	7
Total		404	301	<b>74.5</b>	41	25	11	26



# 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	2	0	0	0	0	0	02
2	Computer Science and Engineering	11	0	0	0	0	0	11
3	Electronics and Communication Engineering (ECE)	0	0	0	1	0	1	02
4	Electrical and Electronics Engineering (EEE)	0	1	2	0	0	2	04
5	Mechanical Engineering	0	0	0	0	0	01	01
6	Master of Business Administration (MBA)	0	0	0	0	0	0	-
7	Freshman Engineering Department (i.e. BS & H)	0	0	0	0	0	0	-

All members of faculty have registered for NPTEL courses. And the status will be updated once it is done after review with one-to-one faculty



# 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	
10	CRT	Online	III	200+	External Recourses	01.12.2021	08.01.2022

## Research & Development (As on date remains same)

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

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	Total Students Strength	Eligible Students	Job Offers	Single Offers	Percentage of Placement		CTC in Lakhs		
					Strength	Eligible	Minimum	Maximum	Average
Civil Engg.	42	38	14	10	33%	26%	1.8	1.8	1.8
EEE	59	48	36	27	61%	56%	2.5	3.7	3.5
Mechanical Engg.	143	96	123	82	86%	85%	1.8	3.7	3.4
ECE	110	80	90	57	82%	70%	2.5	5.6	3.7
CSE	126	102	121	79	96%	78%	2.5	6.0	4
<b>Total</b>	<b>480</b>	<b>364</b>	<b>384</b>	<b>256</b>	<b>80%</b>	<b>70%</b>	<b>1.8</b>	<b>6 L</b>	<b>3.36</b>

# 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



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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. <b>Dr. J. Raja Murugadoss</b>	Applied Nanoscience (2 <sup>nd</sup> 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. <b>Dr. G. Kalyani</b>	Energy Sources, Part A: Recovery, Utilization, and Environmental Effect (Taylor and Francis) (23 <sup>rd</sup> June 2021) (SCI)		1			<a href="https://doi.org/10.1080/15567036.2021.1943070">https://doi.org/10.1080/15567036.2021.1943070</a>
3	Low power PII frequency plat form synthesizer architecture and research using dynamic CMOS VLSI technology [ <b>Mr. K. Rajasekhar (ECE)</b> ]	Annals of RSCB (June)			1		Vol:25 issue 6
4	Water - Conventional and Novel Treatment Methods, Solar Driven Water Treatment (August 2021) <b>Dr. J. Raja Murugadoss</b>	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.

February 2022  
Institute MIS

**Thank You**