

The logo for NSRIT, consisting of the letters 'NSRIT' in a bold, white, sans-serif font. The text is contained within a red rectangular box with a thin orange border.

Monthly Information System (MIS)

December 2021 – January 2022

Key Highlights

- Admission Status

	Civil Engg.	CSE	CSE (AI)	CSE (DS)	ECE	EEE	MECH	Total
Total	30	120	30	30	120	60	60	480 (Sanctioned Intake)
Admitted	24	131	33	33	126	58	46	451 (94%) against Sanctioned Intake

- The work pertaining for Self Assessment Report (SAR) was totally completed and it is now ready for submission. PQR was submitted to e-NBA portal on December 12, 2021, and it is approved. The SAR submission due is on February 12, 2022
- The documentation part related to Criteria 1 – 9 is almost over and pending is with criteria 10. It will be completed on or before February 10, 2022
- Three mock audits were done as follows
 - Preliminary physical mock audit by Dr. Chandra Bhushana Rao on Jan. 08, 2022
 - e-Mock audit by Dr. Yesu Ratnam on Jan. 25, 2022, for CSE and Dr. Raja Karunakaran for Mechanical Engineering on Jan. 26, 2022. In addition, several internal audits were done to ensure the documentations are intact. A detailed schedule will be floated soon for sensitizing the members of faculty through online.
- The supplementary examination was over for the first year Semester II and the pass percentage is 42.47%
- The IQAC meeting was conducted with internal and external members on January 22, 2022, to review the AQAR and suggestions for the NBA SAR submission

Key Highlights

- Remedial classes were conducted for the students who have backlogs in first year under JNTUK was conducted from December 02 – 14, 2021 for around 99 students for the courses Physics, Chemistry, Mathematics and Engineering Drawing. The examination was started from Dec. 17, 2021 and the results are awaited. The following members of faculty handled the remedial classes in the AN session and the attendance was quite good.
 - Dr. Kalyan Prasad (Physics)
 - Dr. Krishna (Chemistry)
 - Dr. N. V. V. S. Suryanarayana (Mathematics)
 - Ms. Usha Rani (ME) (Engineering Drawing)
- A series of Model Exams were conducted for the students third year from December 14 – 18, 2021 and January 04 – 08, 2022 for the tough courses like Structural Analysis, Env. Engineering II, Concrete Technology, Power Electronics, Micro Processors and Micro Controllers, LICA, IC Engines and Gas Turbines, Dynamics of Machinery, Design of machine Members II, Digital Communications, Computer Network, Data Warehousing and Data Mining, Compiler Design. The attendance was okay for the departments of ECE, EEE, CSE and Civil Engg. However, the attendance was not satisfactory with Mechanical Engineering. The performance was good
- Dr. Buddha Chandrashekar, Chief Coordinating Officer, AICTE, MoE, New Delhi visited the campus on December 18, 2022
- Signed an MoU with Buddica Smart Life India Pvt. Limited, Visakhapatnam on January 03, 2022, for the establishment Buddica New Age Skill Development Centre at NSRIT

Key Highlights

- Celebrated National Mathematics Day on December 22, 2022
- Around 138 students from all the three branches of Mechanical Engineering, ECE and EEE successfully completed the industry driven one credit course offered by Centre of Excellence in Maritime and Ship Building (CEMS) and the assessment were done on Jan. 29, 2022. The attendance was quite good and encouraging. Certificates were ready
- **Examination and Mid-Term Status**
 - **Second Year**
 - Supplementary Examination was completed for first year Semester II on Jan. 07, 2022
 - First year mid-term completed on Jan. 29, 2022
 - Second year SEE laboratory was over by Jan. 29, 2022
 - Second year mid-term will commence from Jan. 31, 2022
 - Second year SEE will commence from Feb. 09, 2022
 - Class work for the Semester IV will commence from Feb. 21, 2022, onwards
 - **Third and Final Year**
 - Midterm II was over by Jan. 22, 2022
 - SEE lab commenced from Jan. 27, 2022, and will go upto Feb. 17, 2022
 - SEE will commence from Jan. 31, 2022, and goes upto Feb. 18, 2022

Key Highlights

- Initiated placement training for the present students of the third year from December 01, 2021, to Jan 08, 2021, through online with external resources during evening between 07:00 pM – 08:30 PM. The attendance was quite good
- Green Stack platform was hired for a duration one year enabling the students to practice online coding. It was hired at the rate of Rs. 200 per head
- At present the overall placement percentage is 42% against the total strength of the students and 73% against the eligible students for placement
- Celebrated the Republic Day on January 26, 2022, and Mr. Satish (IV Mechanical Engineering) hoisted the flag being the topper of the college in terms CGPA or percentage
- A separate Board of Studies was formulated for the programs of CSE (AI and ML) and CSE (Data Science)
- Board of Studies and Academic Council: It will be tentatively closed on Feb. 12, 2022, and Feb. 19, 2022, for all programs of study
- The submission date for AQAR is extended upto March, 2022
- The course allocation for the next semester is initiated and the workload will be submitted projecting the manpower requirement

Quality Initiatives

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- 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

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%	Ongoing	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%	Yet to Start	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	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

Status of Feedback on Curriculum Received from Stakeholders – Yet to Start

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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 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	1	0	1	1	5
2	Computer Science and Engineering	0	0	0	0	8	-	8
3	Electronics and Communication Engineering (ECE)	8	1	1	1	2	5	18
4	Electrical and Electronics Engineering (EEE)	0	1	0	0	0	17	18
5	Mechanical Engineering	7	1	0	8	5	10	31
6	Master of Business Administration (MBA)	0	0	1	0	3	3	07
7	Freshman Engineering Department (i.e. BS & H)	2	0	2	1	1	1	07

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	Multiple Offers	Percentage of Placement		CTC in Lakhs		
					Strength	Eligible	Minimum	Maximum	Average
Civil Engg.	42	30	08	-	19%	27%	1.8	1.8	1.8
EEE	59	25	19	23	32%	76%	2.5	3.7	3.5
Mechanical Engg.	143	65	73	78	51%	100%	1.8	3.7	3.4
ECE	110	51	36	50	33%	71%	2.5	5.6	3.7
CSE	126	81	72	108	57%	89%	2.5	6.0	4.4
Total	480	252	208	267	42%	73%	1.8	6 L	3.36

Project Proposals Submitted (No recent updates)



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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. 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.

December 2021 – January 2022
Institute MIS

Thank You