



Monthly Information System (MIS)

May 2022

Key Highlights

- Celebrated Placement Day as well as Performers' Day (Season III for admitted students 2020) on May 28, 2022, and the following guests were invited. (1) Mr. Ravinder, VP, Tilicho Labs (2) Mr. Santosh, CTO, AXIOM IO, Mr. Mastan Rao, Managing Partner, FIIT JEE, Mr. Bhaskara Rao, Principal, Sri Chaitanya Junior College, Visakhapatnam
- Submitted the Moderation Committee Report for the programs viz. CSE and ECE on May 26, 2022
- NBA visit for the programs of study viz. CSE, ECE, EEE and Mechanical Engineering was over during May 06 – 08, 2022 and waiting for the result
- Received the QS I –Gauge E-Learning Excellence for Academic Digitization (E – Lead) Certificate from the Hono' ble Cabinet Minister Smt. Smriti Irani, Union Minister for Women and Child Development, New Delhi on May 12, 2022 and Mr. Varma, TPO received the Citation
- Signed MoU with the following organization for academic collaborations
 - Vihaan Electrix, Visakhapatnam
 - Tech Team Solutions, Visakhapatnam
 - HMI Engineering Services (Hirawat Group), Visakhapatnam and ImageInnovate Solutions, Visakhapatnam

Key Highlights

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NSRIT

- The Department of ECE organized a one-day workshop on ML & DL using Python on April 29, 2022, for the students of ECE
- The Department of Mechanical Engineering organized a Guest Lecture on Solar Desalination taking the support of Prof. S. S. R. Kousik, NIT Puducherry on April 30, 2022 The department of TPO organized placement pool drive with the help of Tilicho Labs on April 24, 2022
- Inaugurated the Buddica Centre (Sponsored Laboratory) on April 23, 2022, and Buddica sponsored 5 computers at Phase I
- Celebrated Hostel Day on April 23, 2022
- The Department of Mechanical Engineering organized a webinar on Career Opportunities after Graduation on April 15, 2022, taking the support of Mr. Ankit Goyal, Unacademy
- NSS organized Blood Donation Camp with the help of Lions Club, Visakhapatnam on April 08, 2022
- As of now 9 weeks of industrial training at CEMS, Visakhapatnam was provided to the students of ECE, EEE and Mechanical Engineering (Second Year) and 3-4 more weeks of training is left over in the field of Induction Motors, Mechatronics and Embedded Systems
- As of now 9 weeks of training related to Python was completed for 100 students of second year CSE, CSE (AI & ML) and CSE (DS) through Buddica

Quality Initiatives

NSRIT

- 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
- Received QS – iGauge E-Lead Certification



NSRIT RECEIVING ACADEMIC DIGITIZATION EXCELLENCE CERTIFICATION FROM QS I - GAUGE
HON'BLE CABINET MINISTER SMT. SMIRITI IRANI
 UNION CABINET MINISTER, WOMEN & CHILD DEVELOPMENT
 PRESENTING THE CERTIFICATE, MAY 12, 2022, NEW DELHI



ప్రణాళికతో అవకాశాలు అందిస్తున్న కోవాలి



నియామక పత్రాలు అందుకున్న విద్యార్థులు

ఆనందపురం, మ్యాసేటుడే: లక్ష్యసాధన కోసం ప్రణాళికతో చదువుతూ... అవకాశాలు అందిస్తున్న కోవాలిని ఆగ్నీయోమియో సంస్థ సీఈవో రవీంద్రబాబు విద్యార్థులకు సూచించారు.

శనివారం సాయంత్రం శౌంత్యా సమీపంలోని ఎన్ఎస్ఆర్ఐటీ ఇంజనీరింగ్ కళాశాలలో కళాశాల ఫ్లేస్ట్రంట్ డే ఉత్సవంగా జరిగింది. కళాశాల ప్రధానాచార్యుడు ఎ.బాదర్ బాషా మాట్లాడుతూ.. ఈ ఏడాది 40కి పైగా బహుళభాషి సంస్థలు ప్రాంగణం లోని కలు నిర్వహించి 800 మంది విద్యార్థులకు ఉద్యోగావకాశాలు కల్పించాయన్నారు. కార్యక్రమంలో కళాశాల డైరెక్టర్ రాజా మురుగుదాస్, డ్రైజరర్ ఎన్.బీసకరాజు, ఫ్లేస్ట్రంట్ అధికారులు వర్మ, మస్తాన్ రావు, ఎం. బాస్కరరావు తదితరులు పాల్గొన్నారు.

ఎన్ఎస్ఆర్ఐటీ కళాశాలలో ఘనంగా ఫ్లేస్ట్రంట్ డే

ఆనందపురం మే 28: మండలంలోని శౌంత్యా సమీపంలో ఉన్న ఎన్ఎస్ఆర్ఐటీ ఇంజనీరింగ్ కళాశాలలో శనివారం ఫ్లేస్ట్రంట్ డే వంటకాలను ఘనంగా నిర్వహించారు. ఈ కార్యక్రమానికి ముఖ్యఅతిథిగా పాల్గొని ఎయ్.ఎం. కుమార్ సీఈవో సంకేతమూర్తీ వర్మ మాట్లాడుతూ రేణు కవిత్వం యువత చేతుల్లోనే వుందని, పట్టుదల, అంకితభావంతో కూడిన విద్యనభ్యసించి ఉన్నత శిఖరాలను అధిరోపించాలన్నారు. కళాశాల భవనానికి ఎన్.ప్రసాదరాజు మాట్లాడుతూ విద్యార్థులు చెడు వ్యవసాయ దురంగా ఉండొద్దన్నారు. ఆనంతరం వివిధ కుమిటిల్లో ఉద్యోగాలకు ఎంపికైన విద్యార్థులను ఆదరించింది బ్రావీకలను అందజేశారు. కార్యక్రమంలో ప్రెసిడెంట్ ఎం.బాదర్ బాషా, డైరెక్టర్ రాజా మురుగుదాస్, డ్రైజరర్ బీసకరాజు, తదితరులు పాల్గొన్నారు.

లక్ష్య సాధనకు నిరంతర కృషి అవసరం

ఆనందపురం: లక్ష్యాలను సాధించడానికి విద్యార్థులు నిరంతరం కృషి చేయాలని ఎక్స్యూయోమియో సీఈవో రవీందర్ ఆన్నారు. మండలంలోని శౌంత్యాలో ఉన్న ఎన్ఎస్ఆర్ఐటీ ఇంజనీరింగ్ కళాశాలలో ఇటీవల జరిగిన క్యాంపస్ ఇంటర్వ్యూలో ఉద్యోగాలు పొందిన సుమారు 800 మంది విద్యార్థులను కళాశాల యాజమాన్యం శనివారం సత్కరించి ప్రశంసాపత్రాలను అందజేసింది. ఈ కార్యక్రమానికి ముఖ్య అతిథిగా పాల్గొని రవీందర్ మాట్లాడుతూ నిర్దేశించిన లక్ష్యాలను చేరుకోవాలంటే సమయాన్ని వృథా చేయకూడదని పేర్కొన్నారు. కుండా పరిశోధన కేంద్రాల్లో ఎక్కువగా గడిపి విజ్ఞానాన్ని పెంపొందించుకోవాలని సూచించారు. చదువుకోసాటు ఆస్తి రంగాల్లో రాజీనీ ఉపాధి అవకాశాలు మెరుగుపడతాయని చెప్పారు. ఉత్తమ ప్రతిభ కనబరిచిన విద్యార్థులకు తమ సంస్థ ఉపాధి అవకాశాలు కల్పించడంలో ముందుంటుందని చెప్పారు. కార్యక్రమంలో ప్రెసిడెంట్ బాదర్ బాషా, కార్యదర్శి ప్రసాదరాజు, డైరెక్టర్ రాజా మురుగుదాస్, కోశాధికారి బీసకరాజు, డిప్యూటీ వర్మ తదితరులు పాల్గొన్నారు.

The screenshot shows a mobile news application interface. At the top, there are logos for 'm' (mahanagar) and 'సెలెస్ట్ న్యూస్' (Select News). Below that, the location 'Visakhapatnam' is displayed. The main headline reads 'క్యాంపస్ ఇంటర్వ్యూల్లో 600 మందికి ఉద్యోగాలు' (600 jobs for students in campus interview). Below the headline is a small image of students and a caption 'ఉద్యోగాలకు ఎంపికైన విద్యార్థులు' (Students selected for jobs). The text below the image describes the campus interview event at NSRIT, mentioning the presence of the principal, faculty, and the selection of 800 students for jobs. At the bottom of the screenshot, there is a progress bar showing 'Available pages 21% [3/14]' and a 'Stop' button.

Academic Performance (Internal & External) 2021 - 2022

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NSRIT

No.	Tests / Examinations	Target	Overall pass percentage			
			First Year (ODD)	Second year	Third year	Fourth year
1	Internal Assessment Test #1	85%	-	72%	63%	73%
2	Internal Assessment Test #2	85%	-	-	-	-
3	End Semester Examinations	85%	-	-	-	-

Note: First year Odd Semester Midterm Test - I is ON

Forthcoming Admission Plan (2022 – 2023)

- Similar Admission Meritorious Plan may be continued for the forthcoming year too
- Limited Hoardings at one or two places (One opposite to CMR Central Mall and other one at our choice of our discussion)
- Wide dissemination through bus panels this time
- Digital Promotion (Rs. 2, 00, 000)
- Buddy Referral
 - CSE and allied programs (Less than 10000 Ranks, Rs. 10, 000/- per candidate on fee concession)
 - ECE, EEE (Less than 15000 Ranks, Rs. 7500 per candidate on fee concession)
 - CE and ME (Less than 25, 000 Ranks, Rs. 5000 per candidate on fee concession)
- 5K Run (Run for Unity) – Mini Marathon at RK Varun Beach (Branding & Visibility)
- Introduction of Tablet PC for all students of first year with free CANVAS (LMS) License
- Placement Day Celebration and Performers Day Celebration on May 28, 2022

Roadmap for Attendance Regularization

1. Mentor-wise Parents Teachers Meeting (PTM) once in a month as per their convenience
2. First week attendance more than 95% should be ensured by inspiring them to listen to industry oriented talks pertaining to their courses on that semesters. The objective is to provide an exciting academic eco-system not to miss the class and facilitate the industry applications of those courses. Teacher shouldn't directly jump on to the direct delivery of the courses in the very first week
3. At all times, if the student wants to avail leave, it needs prior permission from the respective mentor three days before and the department should work forecasting and ensuring the attendance to 90% at any instant of time
4. Once in a fortnight, fun-filled teaching – learning process should be there to excite them to attend the classes
5. Once in a month, the enchanting evening i.e. one per department level should be placed as a stress buster strategy, a sort of fun-filled academic eco-system
6. If the student is absent without any prior permission or any valid reason, mentor should have a meeting with the parent or guardian
7. Once in a fortnight, the mentor should ensure more than 75% of attendance across all the mentees

8. Eventually, once in a semester, we need to invite on Professional Psychologist to sensitize our members of faculty on mentoring enabling them to accomplish their goals. The main objective is to connect a good relationship between mentor and mentee
9. Finally, it is our responsibility to monitor through digital media, I mean to say overall snapshot of a mentor and mentees attendance. Here I mean to say overall master attendance register. Students should be involved in this part of initiative

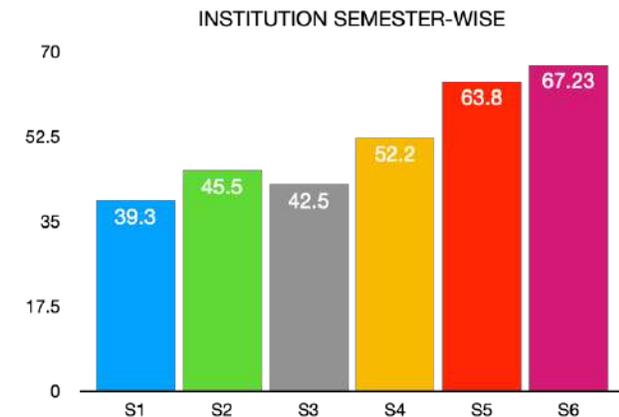
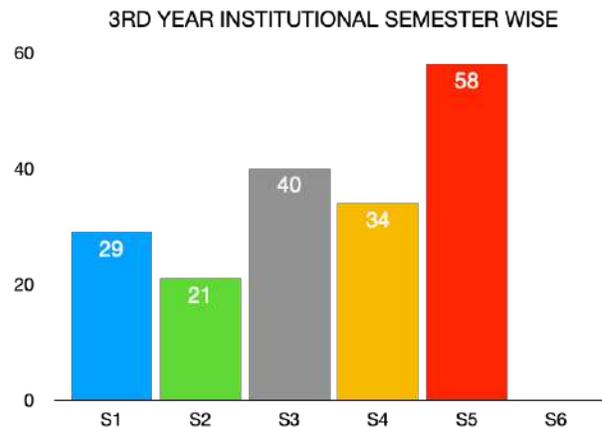
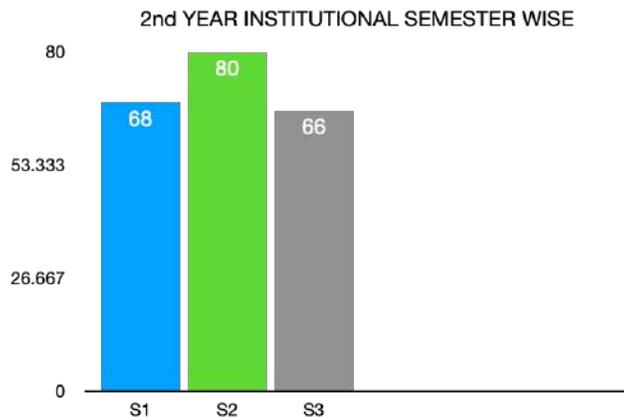
Relationship Building

1. In all the departments, a tripod displaying the best mentor and mentees once in a fortnight can be displayed and best mentor / mentees may be recognized creating a healthy environment
2. Working lunch with mentor and mentees in a semester at our canteen or high Tea should be mandated
3. In general the **overall environment should be an enabling, motivating environment** with few strict metrics on disciplinary ground in place
4. **Mentors MUST call parents / guardians appreciating the ward once in fortnight and there by to create a good relationship between them even for a small achievement**
5. **Deploying Mentoring KPI for outside world participation**

Academic Performance (Internal & External) 2021 - 2022

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NSRIT



Mitigation Plan

1. Coaching Class for Mathematics I and II, Physics and Chemistry for 10 days
2. Remedial Classes started for present students of first year with limited attachment to faculty till supplementary examinations which is likely to fall in another one month
3. Model Test / Exam Series are also planned from May 16, 2022 – May 28, 2022 for all difficult courses of II, III and IV years during post lunch

Academic Performance (Overall Status of B. Tech. I and II Years)

2021 Admitted	Admitted	Present Strength	Status as on May .31, 2022															Readmitted students
			Present Strength	All Pass	%	1 BL	2 BL	3 BL	>3 BL	S1	S2	S3	S4	S5	S6	S7	S8	
CE	25	25	25	12	50	6	5	1	0	50								0
CSE	132	132	132	86	66.67	17	17	10	1	66.67								0
CSE (AI)	33	33	33	25	75.76	4	3	1	0	75.76								0
CSE (DS)	33	33	33	20	60.61	8	3	1	0	60.61								0
ECE	127	127	127	86	68.25	19	10	5	6	68.25								0
EEE	58	56	56	36	69.23	8	6	2	4	69.23								0
ME	46	44	44	16	38.1	16	5	3	4	38.1								0
Overall	454	450	450	281	64.01	78	49	23	16	64.01								0
2020 Admitted	Admitted	Present strength	Status as on May .31, 2022															Readmitted students
			Present Strength	All Pass	%	1 BL	2 BL	3 BL	>3 BL	S1	S2	S3	S4	S5	S6	S7	S8	
CE	34	34	33	25	75.52	4	1	0	3	66.67	85.71	75.76						0
CSE	140	140	140	93	66.42	14	14	5	14	60.33	80.99	71.74						0
CSE (AI)	35	35	32	15	46.87	8	3	1	5	65.52	82.76	57.69						0
CSE (DS)	35	35	35	19	54.28	12	2	0	2	93.33	96.77	63.64						0
ECE	140	140	140	89	63.57	20	6	5	20	76.47	76.03	67.88						0
EEE	35	35	34	18	52.94	5	1	1	9	62.96	73.08	56.25						0
ME	70	70	68	31	45.58	19	7	2	9	62	78	55.38						0
Overall	489	489	482	290	60.16	82	34	14	62	68.77	80.2	66.16						0

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

NSRIT

2019 Admitted	Admitted	Present strength	Status as on May .31, 2022															Readmitted students
			Present Strength*	All Pass	%	1 BL	2 BL	3 BL	>3 BL	S1	S2	S3	S4	S5	S6	S7	S8	
CE	32	28	28	15	53.57	2	3	0	8	28.6	28.6	34.4	58.17	67.85				0
CSE	131	117+3	117	46	39.32	21	8	6	36	30.6	29	52.1	38.33	73.33				0
ECE	108	97+9	97	21	21.65	15	11	6	44	30.8	9.09	34	20.18	45.28				0
EEE	29	26	26	9	34.62	3	4	5	5	27.3	27.3	61.5	23.07	38.46				0
ME	118	112+4	112	37	33.04	25	12	7	31	18.5	14.8	31.3	40.35	56.75				0
Overall Status	418	396	380	128	33.68	66	38	24	124	29	21.1	40.6	34.17	58.31				0
2018 Admitted	Admitted	Present strength	Status as on May .31, 2022															Readmitted students
			Present Strength*	All Pass	%	1 BL	2 BL	3 BL	>3 BL	S1	S2	S3	S4	S5	S6	S7	S8	
CE	55	42	42	33	78.57	3	3	2	1	12.5	68.8	72.6	66.7	81	85.7	85.71		0
CSE	117	112+13	112	79	70.54	12	7	3	11	59.1	44.8	43.5	46	67.8	88	75.2		0
ECE	109	104+3	104	67	64.42	16	9	3	9	42.3	62.3	32.1	48.1	54.6	60.55	83.48		2
EEE	65	57	57	41	71.93	7	2	4	3	35.7	42.9	47.5	57.6	66.4	45.61	86.2		1
ME	133	120+18	120	69	57.50	20	10	5	16	22.7	22.7	35.7	53.7	61.7	56.83	73.72		1
Overall Status	479	469	435	289	66.44	58	31	17	40	39.3	45.5	42.5	52.2	63.8	67.23	78.98		4

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	1	0	1
2	Computer Science and Engineering	0	0	0	0	0	-	0
3	Electronics and Communication Engineering (ECE)	2	0	0	0	1	2	5
4	Electrical and Electronics Engineering (EEE)	0	0	0	0	0	1	1
5	Mechanical Engineering	3	0	0	2	1	2	8
6	Master of Business Administration (MBA)	0	0	0	0	0	0	0
7	Freshman Engineering Department (i.e. BS & H)	1	0	1	1	1	2	06

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	Embedded Systems (80 Hours)	Offline	II	64	CEMS	05.03.2022	26.03.2022
2	Hands on practice on Induction motors (120 Hours)	Offline	II & III	60	CEMS	05.03.2022	26.03.2022
3	Concepts of Ship Design and NX CAD (80 Hours)	Offline	II	60	CEMS	05.03.2022	26.03.2022
4	TILICHO Labs Training Program	Offline	IV	2	TILICHO Labs	02.03.2022	30.03.2022
5	One Credit course on Data Analytics	Offline	II	102	BUDDICA Software India Pvt.Ltd	05.03.2022	19.03.2022
6	Wipro Training	Online	IV	01	Wipro IT Services	10.03.2022	30.03.2022

Research & Development (Till April 2022)

No.	Key Performance Indicators (KPIs)	Nos.	Faculty involved
1	Project proposal submitted	2	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	3	01
6	Papers submitted to SCI Indexed Journals	5	1
7	Papers accepted / published in SCI Indexed Journals	6	4
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 May 2022

No. of Paper Publications: 16

Scopus: 05

SCI: 13

Scopus: 01

Conference: 1, Other 01

May 2022: 1

Scopus: 0

SCI: 4

Publons and Clasrivat: 01

Placement Snapshot

NSRIT

	Total Students Strength	Eligible Students	Job Offers	Single Offers	Percentage of Placement		CTC in Lakhs		
					Strength	Eligible	Minimum	Maximum	Average
Civil Engg.	42	33	15	15	26%	45%	1.8	3.7	2.75
EEE	59	30	87	47	77%	156%	2.5	6.5	4.5
Mechanical Engg.	143	94	172	113	77%	120%	1.8	6.5	4.15
ECE	110	65	121	65	59%	100%	2.5	6.5	4.5
CSE	126	87	186	93	73%	106%	2.5	6.5	4.5
Total	480	309	581	333	67%	108%	1.8	6.5	4.15

Note: Results awaited from ITS, Wiley MThree, WIPRO, TCS. Total No. of offers > 3.2: 306 Offers

Project Proposals Submitted (No recent updates)

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)
3	Design of Hybrid Costas Codes and Implementing Multi-Objective Grasshopper Optimization Algorithm for Improving Range Resolution in RADAR” (File. No. CRG/2022/008700.)	04.05.2022	DST	CRG	33.10	Dr. K. Ravi Kumar (ECE)

May 2022

Thank You