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VALLURUPALLI NAGESWARA RAO VIGNANA JYOTHI INSTITUTE OF ENGINEERING AND TECHNOLOGY

An Autonomous, ISO 9001:2015 & QS I-Gauge Diamond Rated Institute, Accredited by NAAC with 'A++' Grade
NBA Accreditation for B.Tech. CE, EEE, ME, ECE, CSE, EIE, IT Programmes
Approved by AICTE, New Delhi, Affiliated to JNTUH, NIRF 135th Rank in Engineering Category
Recognized as "College with Potential for Excellence" by UGC
Vignana Jyothi Nagar, Pragathi Nagar, Nizampet (S.O), Hyderabad – 500 090, TS, India.
Telephone No: 040-2304 2758/59/60, Fax: 040-23042761
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Annual Report of Examination & Evaluation section for 2021-22

The Office of the Controller of Examinations has an integrated software which takes care of the entire process from the registration of the student to the publication of final results. Processes such as Registration of students for Examination, generation of hall tickets, absentees' entry, decoding of scripts, entry of marks etc are computerized. The continuous efforts have improved the processing and streamlining of the operations at the office of the CoE in the conduct of examinations punctually and systematically with no manual interference at any stage.

All the Examinations were conducted as per the schedule published in Academic calendar in offline mode. The Evaluation pattern of 40:60 (Internal: External) is being followed for R18 Regulation students and 30:70 being followed for A19 Regulation students during the A.Y 2021-22. **Out of 1446 (UG & PG) students, who have appeared for the Final Year Examinations, 1325 students (i.e 91.63%) were successful to get the Degree.**

I. Students' performance in the Semester End examinations:

- a) In the odd semester examinations held during February, March, April 2022, **6252** students appeared for the examinations of UG & PG under Autonomous. Out of **6252**, **4958** students passed in the Odd Semester Examinations of UG & PG Courses. The overall percentage is **79.30**

I B.Tech I Semester A19 Regular

S.No	Branch	Appeared	Passed	% of Pass
1.	Civil Engineering	124	45	36.29
2.	Electrical & Electronics Engineering	128	52	40.63
3.	Mechanical Engineering	125	44	35.20
4.	Electronics & Communications Engineering	255	200	78.43
5.	Computer Science & Engineering	258	244	94.57
6.	Electronics & Instrumentation Engineering	129	63	48.84
7.	Information Technology	194	147	75.77
8.	Automobile Engineering	43	13	30.23
9.	Computer Science & Business Systems	64	42	65.63
10.	CSE-Cyber Security	65	58	89.23
11.	CSE-Artificial Intelligence & Machine Learning	192	161	83.85
12.	CSE-Data Science	128	123	96.09
13.	CSE-IoT	63	50	79.37
14.	Artificial Intelligence & Data Science	65	58	89.23
Overall		1833	1300	70.92

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II B.Tech I Semester R19 Regular

S.No	Branch	Appeared	Passed	% of Pass
1.	Civil Engineering	131	79	60.31
2.	Electrical & Electronics Engineering	131	78	59.54
3.	Mechanical Engineering	129	80	62.02
4.	Electronics & Communications Engineering	265	195	73.58
5.	Computer Science & Engineering	262	245	93.51
6.	Electronics & Instrumentation Engineering	133	50	37.59
7.	Information Technology	197	171	86.80
8.	Automobile Engineering	64	21	32.81
9.	Computer Science & Business Systems	66	56	84.85
10.	CSE-Cyber Security	67	59	88.06
11.	CSE-Artificial Intelligence & Machine Learning	67	65	97.01
12.	CSE-Data Science	66	60	90.91
13.	CSE-IoT	66	58	87.88
Overall		1644	1217	74.02

III B.Tech I Semester R19 Regular

S.No	Branch	Appeared	Passed	% of Pass
1.	Civil Engineering	132	105	79.55
2.	Electrical & Electronics Engineering	131	112	85.50
3.	Mechanical Engineering	132	113	85.61
4.	Electronics & Communications Engineering	266	228	85.71
5.	Computer Science & Engineering	266	235	88.35
6.	Electronics & Instrumentation Engineering	126	88	69.84
7.	Information Technology	199	180	90.45
8.	Automobile Engineering	52	31	59.62
9.	Computer Science & Business Systems	66	62	93.94
Overall		1370	1154	84.23

IV B.Tech I Semester R18 Regular

S.No	Branch	Appeared	Passed	% of Pass
1.	Civil Engineering	132	107	81.06
2.	Electrical & Electronics Engineering	133	117	87.97
3.	Mechanical Engineering	130	115	88.46
4.	Electronics & Communications Engineering	264	257	97.35
5.	Computer Science & Engineering	267	256	95.88
6.	Electronics & Instrumentation Engineering	126	118	93.65
7.	Information Technology	192	184	95.83
8.	Automobile Engineering	64	60	93.75
Overall		1308	1214	92.81

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I M.Tech I Semester (A18) Regular

S.No	Branch	Appeared	Passed	% of Pass
1.	Structural Engineering	18	13	72.22
2.	Highway Engineering	10	10	100.0
3.	Geo-Technical Engineering	9	8	88.89
4.	Power Electronics	6	6	100.0
5.	Power Systems	1	1	100.0
6.	Advanced Manufacturing Systems	6	6	100.0
7.	CAD/CAM	4	3	75.00
8.	Embedded Systems	8	5	62.50
9.	VLSI System Design	10	6	60.00
10.	Software Engineering	5	3	60.00
11.	Computer Science & Engg	10	6	60.00
12.	Electronics & Instrumentation	5	2	40.00
13.	Computer Networks & Information Security	5	4	80.00
Overall		97	73	75.26

- b) In the Even semester examinations held during June/July/September 2022, **6363** students appeared for the examinations of UG & PG under Autonomous. Out of **6363**, **5478** students passed in the Even Semester Examinations of UG & PG Courses. The overall percentage is **86.09**

I B.Tech II Semester A19 Regular

S.No	Branch	Appeared	Passed	% of Pass
1.	Civil Engineering	124	70	56.45
2.	Electrical & Electronics Engineering	128	86	67.19
3.	Mechanical Engineering	126	71	56.35
4.	Electronics & Communications Engineering	255	217	85.10
5.	Computer Science & Engineering	259	245	94.59
6.	Electronics & Instrumentation Engineering	128	83	64.84
7.	Information Technology	194	173	89.18
8.	Automobile Engineering	42	21	50.00
9.	Computer Science & Business Systems	64	52	81.25
10.	CSE-Cyber Security	65	60	92.31
11.	CSE-Artificial Intelligence & Machine Learning	190	183	96.32
12.	CSE-Data Science	128	119	92.97
13.	CSE-IoT	64	61	95.31
14.	Artificial Intelligence & Data Science	65	55	84.62
Overall		1832	1496	81.66

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II B.Tech II Semester R19 Regular

S.No	Branch	Appeared	Passed	% of Pass
1.	Civil Engineering	132	84	63.64
2.	Electrical & Electronics Engineering	132	111	84.09
3.	Mechanical Engineering	130	90	69.23
4.	Electronics & Communications Engineering	264	227	85.98
5.	Computer Science & Engineering	262	241	91.98
6.	Electronics & Instrumentation Engineering	132	80	60.61
7.	Information Technology	197	168	85.28
8.	Automobile Engineering	65	35	53.85
9.	Computer Science & Business Systems	66	56	84.85
10.	CSE-Cyber Security	67	62	92.54
11.	CSE-Artificial Intelligence & Machine Learning	66	63	95.45
12.	CSE-Data Science	66	61	92.42
13.	CSE-IoT	66	63	95.45
Overall		1645	1341	81.52

III B.Tech II Semester R19 Regular

S.No	Branch	Appeared	Passed	% of Pass
1.	Civil Engineering	132	102	77.27
2.	Electrical & Electronics Engineering	130	113	86.92
3.	Mechanical Engineering	131	102	77.86
4.	Electronics & Communications Engineering	264	243	92.05
5.	Computer Science & Engineering	263	256	97.34
6.	Electronics & Instrumentation Engineering	123	98	79.67
7.	Information Technology	197	184	93.40
8.	Automobile Engineering	49	31	63.27
9.	Computer Science & Business Systems	66	65	98.48
Overall		1355	1194	88.11

IV B.Tech II Semester R18 Regular

S.No	Branch	Appeared	Passed	% of Pass
1.	Civil Engineering	131	119	90.84
2.	Electrical & Electronics Engineering	133	131	98.50
3.	Mechanical Engineering	130	122	93.85
4.	Electronics & Communications Engineering	264	258	97.73
5.	Computer Science & Engineering	267	262	98.13
6.	Electronics & Instrumentation Engineering	125	124	99.20
7.	Information Technology	192	186	96.88
8.	Automobile Engineering	64	60	93.75
Overall		1306	1262	96.63


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I M.Tech II Semester (A18) Regular

S.No	Branch	Appeared	Passed	% of Pass
1.	Structural Engineering	17	12	70.59
2.	Highway Engineering	10	09	90.00
3.	Geo-Technical Engineering	09	08	88.89
4.	Power Electronics	06	05	83.33
5.	Power Systems	01	01	100.0
6.	Advanced Manufacturing Systems	05	02	40.00
7.	CAD/CAM	04	03	75.00
8.	Embedded Systems	07	07	100.0
9.	VLSI System Design	08	06	75.00
10.	Software Engineering	05	04	80.00
11.	Computer Science & Engg	09	06	66.67
12.	Electronics & Instrumentation	04	03	75.00
13.	Computer Networks & Information Security	05	03	60.00
Overall		90	69	76.67

M.Tech III Semester (R18) Regular

S.No	Branch	Appeared	Passed	% of Pass
1.	Structural Engineering	08	08	100.0
2.	Highway Engineering	12	12	100.0
3.	Geo-Technical Engineering	18	16	88.89
4.	Power Electronics	02	02	100.0
5.	Power Systems	10	08	80.00
6.	Advanced Manufacturing Systems	09	09	100.0
7.	CAD/CAM	13	12	92.31
8.	Embedded Systems	11	08	72.73
9.	VLSI System Design	13	12	92.31
10.	Software Engineering	12	10	83.33
11.	Computer Science & Engg	10	07	70.00
12.	Electronics & Instrumentation	10	08	80.00
13.	Computer Networks & Information Security	07	04	57.14
Overall		135	116	85.93


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- e) 2018 Admitted Students (Seventh batch students admitted under UGC Autonomous) are graduated and issued Provisional Certificates and Consolidated Marks Memos.

S.No	Branch	Appeared	Passed	% of Pass
1.	Civil Engineering	133	124	93.23
2.	Electrical & Electronics Engineering	133	128	96.24
3.	Mechanical Engineering	130	124	95.38
4.	Electronics & Communications Engineering	264	256	96.97
5.	Computer Science & Engineering	268	258	96.27
6.	Electronics & Instrumentation Engineering	126	115	91.27
7.	Information Technology	192	181	94.27
8.	Automobile Engineering	66	52	78.79
Overall		1312	1238	94.36

- f) Details of P.G students graduated (Degree Awarded) in the academic year 2021-2022 (2020 Admitted Batch), are given below.

S.No	Branch	Appeared	Passed	% of Pass
1.	CAD/CAM	8	02	25.00
2.	Geo-Technical Engineering	12	12	100.00
3.	Structural Engineering	18	13	72.22
4.	Software Engineering	2	2	100.00
5.	Advanced Manufacturing Systems	10	6	60.00
6.	Power Electronics	8	5	62.50
7.	Embedded Systems	13	3	23.08
8.	VLSI System Design	11	8	72.73
9.	Computer Science & Engineering	13	9	69.23
10.	Computer Networks & Information Security	12	9	75.00
11.	Power Systems	10	5	50.00
12.	Highway Engineering	10	7	70.00
13.	Electronics & Instrumentation	7	6	85.71
Overall		134	87	64.92

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g) Examination reforms and Automation:

As stated, all the Examination activities are ICT enabled which enables the process quick for declaration of results. The Scrutiny of Internal Question papers was introduced from A.Y 2021-22. The Institute joined hands with National Academic Depository (NAD), Digilocker facility which is a 24X7 online, permanent and safe to store the Academic awards of the students. The Efforts are on to introduce the ACADEMIC BANK OF CREDITS(ABC) which shall provide a variety of services like credit accumulation, credit redemption, credit verification and credit exchange which paves the way for implementation of NEP2020 which allows for multiple entry and exit schemes.

Automation of Examination and Evaluation Module has been initiated by DOCTUS. Study of system requirements has been completed. Design and implementation of few tasks have been taken place

The Current status of Automation related to Examination activities for faculty and students are as follows.

S.No	Description of the Examination activity	Status
1	Enrolment of students	Online
2	Course Registration	Online
3	Publishing the Examination Notification and schedules	Online
4	Payment of Examination fee Regular & Supplementary Examinations	Online
5	Uploading of Continuous Internal Assessment and Sessional Exam marks through faculty login	Online
6	Display of CIA and Sessional Exam marks in student login	Online
7	Generation of Hall tickets/Admit cards	Online
8	Declaration of results	Online
9	Applying for Revaluation	Online
10	Issue of Academic Transcripts	Online/Offline
11	Grievance redressal	Online/Offline

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Principal

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