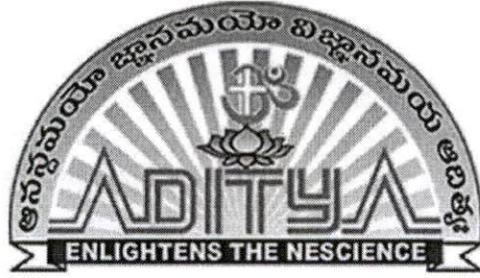


# Annual Report of Autonomous Examination (2021-22)



## ADITYA ENGINEERING COLLEGE (A)

An Autonomous Institution

Approved by AICTE, Affiliated to JNTUK, Accredited by NAAC with 'A' Grade

Recognized by UGC Under sections 2(f) and 12(B) of UGC Act 1956

Aditya Nagar, ADB Road, Surampalem - 533437

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## 1. Introduction

The Autonomous Examination is responsible for transparent, fair and Timely conduct of all examinations and result processing. The examinations conducted are:

- i. Semester End Examinations (Theory, Practical)
- ii. Sessional Examinations (Theory)

The Controller of Examinations (COE) will release the notifications with start and end dates for semester-end examinations. All students will apply for the examinations using the BET portal. The online activities carried out by the exam section are:

- Online form Fill-up by students
- BEE's Examination Tool (BETPLUS)
- Online payment of examination fees through the BETPLUS portal
- Approval of students for examination by the Department of COE
- Hall ticket download from BETPLUS portal by students.
- The examination schedule was entered into the online system so that the answer booklets are printed with student details along with the date and time.
- Print a day-wise attendance sheet for all examination schedules from the online system.
- The valuers carried out all Evaluations by accessing the Online Digital Valuation System (DVS) using the internet through separate login ID's and password for each valuer.
- Scrutiny was completed by using DVS.
- Other experienced valuers carried out the revaluation rather than the earlier ones.

COE has carried out the following activities

- Schedule for Sessional examinations
- Maintenance of Sessional Marks in server
- Request for Nomination of paper setters and issue
- Question papers to be preserved
- Collection of approved online examination applications from students in prescribed format
- Requisition for procurement of general stationery
- Enter the examination schedule in the online system
- Publish examination schedule on notice board and website.
- Preparation and circulation of exam invigilation duties list
- Prepare room allocation plan
- Prepare room wise seating plan with roll numbers
- Display seating plan
- Prepare and circulate invigilation and observer duty charts
- Compilation of Observer duty report and invigilators report.
- Scan the answer booklets for DVS or pack them for physical valuation
- Distribution of Appointment letter, id and password to valuers in case of DVS



OR

- Distribution of Appointment letters to valuers from reputed colleges/universities for physical valuation.

OR

- Hand over of answer script bundles to COE of other reputed colleges/universities for physical valuation
- Scrutiny to all answer scripts.
- Print Day wise attendance sheet for all examinations and compare it with the results.
- Completion of Result processing
- Announcement of Results
- Notice for Script viewing, Revaluation application
- Collection of approved revaluation, script viewing application from students.
- Allocation of Answer scripts for revaluation
- Announcement of Revaluation Results
- Result Analysis as per Branch wise and subject wise.
- OBE (Objective Based Education) analysis

**2. Student's performance in the Semester End Examinations:**

- a) In the Odd Semester Examinations total of 4907 students appeared for the examination of UG & PG. Out of 4907, 3692 students passed the Odd Semester Examinations. The overall pass percentage is 75.31.

**B.Tech – I Semester (2021 Admitted Batch)**

Examinations Starting Date: 30-03-2022 Examination Ending Date: 08-04-2022 Results Declaration Date: 18-04-2022

S.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	103	51	49.51
2	Electrical and Electronics Engineering	110	64	58.18
3	Mechanical Engineering	108	39	36.11
4	Electronics and Communication Engineering	265	173	65.28
5	Computer Science and Engineering	202	145	71.78
6	Information Technology	65	36	55.38
7	Mining Engineering	6	1	16.67
8	Petroleum Technology	10	4	40.00
9	Agricultural Engineering	44	25	56.82
10	AIML	67	43	64.18
TOTAL:		980	581	59.29

**B.Tech – III Semester (2020 Admitted Batch)**

Examinations Starting Date: 21-02-2022 Examination Ending Date: 02-03-2022 Results Declaration Date: 12-03-2022

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	128	52	40.63
2	Electrical and Electronics Engineering	128	68	53.13
3	Mechanical Engineering	201	118	58.71
4	Electronics and Communication Engineering	278	214	76.98
5	Computer Science and Engineering	213	189	88.73
6	Information Technology	70	58	82.86
7	Mining Engineering	48	40	83.33
8	Petroleum Technology	35	32	91.43
9	Agricultural Engineering	64	25	39.06
TOTAL:		1165	796	68.33

**B.Tech – V Semester (2019 Admitted Batch)**

Examinations Starting Date: 01-02-2022 Examination Ending Date: 14-02-2022 Results Declaration Date: 23-02-2022

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	119	93	78.15
2	Electrical and Electronics Engineering	113	71	62.83
3	Mechanical Engineering	177	121	68.36
4	Electronics and Communication Engineering	269	237	88.10
5	Computer Science and Engineering	214	199	92.99
6	Information Technology	67	61	91.04
7	Mining Engineering	62	56	90.32
8	Petroleum Technology	54	51	94.44
9	Agricultural Engineering	68	48	70.59
TOTAL:		1143	937	81.98

  
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**B.Tech – VII Semester (2018 Admitted Batch)**

Examinations Starting Date: 31-01-2022 Examination Ending Date: 11-02-2022 Results Declaration Date: 23-02-2022

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	114	86	75.44
2	Electrical and Electronics Engineering	122	92	75.41
3	Mechanical Engineering	191	147	76.96
4	Electronics and Communication Engineering	258	222	86.05
5	Computer Science and Engineering	196	171	87.24
6	Information Technology	59	51	86.44
7	Mining Engineering	66	53	80.30
8	Petroleum Technology	43	41	95.35
9	Agricultural Engineering	56	53	94.64
TOTAL:		1105	916	82.90

**IMBA – I Semester (2021 Admitted Batch)**

Examinations Starting Date: 02-05-2022 Examination Ending Date: 11-05-2022 Results Declaration Date: 21-05-2022

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Integrated MBA	54	47	87.04

**IMBA – III Semester (2020 Admitted Batch)**

Examinations Starting Date: 28-02-2022 Examination Ending Date: 10-03-2022 Results Declaration Date: 21-03-2022

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Integrated MBA	51	48	94.12

**IMBA – V Semester (2019 Admitted Batch)**

Examinations Starting Date: 17-01-2022 Examination Ending Date: 27-01-2022 Results Declaration Date: 04-02-2022

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Integrated MBA	21	20	95.24

**IMBA – VII Semester (2018 Admitted Batch)**

Examinations Starting Date: 28-12-2021 Examination Ending Date: 07-01-2022 Results Declaration Date: 20-01-2022

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Integrated MBA	16	16	100

**IMBA – IX Semester (2017 Admitted Batch)**

Examinations Starting Date: 27-12-2021 Examination Ending Date: 06-01-2022 Results Declaration Date: 13-01-2022

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Integrated MBA	21	21	100

**MBA – I Semester (2021 Admitted Batch)**

Examinations Starting Date: 04-05-2022 Examination Ending Date: 19-05-2022 Results Declaration Date: 31-05-2022

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Business Administration	65	60	92.31

**MBA – III Semester (2020 Admitted Batch)**

Examinations Starting Date: 02-03-2022 Examination Ending Date: 14-03-2022 Results Declaration Date: 26-03-2022

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Business Administration	48	48	100

**MCA – I Semester (2021 Admitted Batch)**

Examinations Starting Date: 04-05-2022 Examination Ending Date: 13-05-2022 Results Declaration Date: 21-05-2022

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Computer Applications	66	41	62.12



**MCA – III Semester (2020 Admitted Batch)**

Examinations Starting Date: 28-02-2022 Examination Ending Date: 10-03-2022 Results Declaration Date: 18-03-2022

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Computer Applications	60	56	93.33

**MCA – V Semester (2019 Admitted Batch)**

Examinations Starting Date: 02-03-2022 Examination Ending Date: 11-03-2022 Results Declaration Date: 26-03-2022

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Computer Applications	22	21	95.45

**M.Tech – I Semester (2021 Admitted Batch)**

Examinations Starting Date: 04-05-2022 Examination Ending Date: 13-05-2022 Results Declaration Date: 21-05-2022

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Structural Engineering	5	1	20.00
2	Power Electronics and Drives	3	3	100
3	Thermal Engineering	3	1	33.33
4	VLSI Design	8	3	37.50
5	Computer Science Engineering	8	8	100
Total:		27	16	59.26

**M.Tech – III Semester (2020 Admitted Batch)**

Examinations Starting Date: 14-02-2022 Examination Ending Date: 16-02-2022 Results Declaration Date: 23-02-2022

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Structural Engineering	14	14	100
2	Power Electronics and Drives	9	9	100
3	Thermal Engineering	13	12	92.31
5	Computer Science Engineering	17	14	82.35
6	Petroleum Engineering	13	13	100
7	VLSI Design	7	6	85.71
Total:		73	68	93.15



- b) In the Even Semester Examinations total of 4821 students appeared for the examination of UG & PG. Out of 4821, 3092 students passed the Even Semester Examinations. The overall pass percentage is 64.13.

#### **B.Tech – II Semester (2021 Admitted Batch)**

Examinations Starting Date: 08-08-2022 Examination Ending Date: 18-08-2022 Results Declaration Date: 30-08-2022

S.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	98	61	62.24
2	Electrical and Electronics Engineering	106	62	58.49
3	Mechanical Engineering	109	39	35.78
4	Electronics and Communication Engineering	260	181	69.62
5	Computer Science and Engineering	199	157	78.89
6	Information Technology	65	46	70.77
7	Mining Engineering	5	0	0
8	Petroleum Technology	9	3	33.33
9	Agricultural Engineering	44	27	61.36
10	AIML	67	52	77.61
TOTAL:		962	628	65.28

#### **B.Tech – IV Semester (2020 Admitted Batch)**

Examinations Starting Date: 28-06-2022 Examination Ending Date: 09-07-2022 Results Declaration Date: 20-07-2022

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	127	71	55.91
2	Electrical and Electronics Engineering	125	104	83.20
3	Mechanical Engineering	198	119	60.10
4	Electronics and Communication Engineering	269	212	78.81
5	Computer Science and Engineering	211	189	89.57
6	Information Technology	70	64	91.43
7	Mining Engineering	48	38	79.17
8	Petroleum Technology	34	23	67.65
9	Agricultural Engineering	63	41	65.08
TOTAL:		1145	861	75.20

**B.Tech – VI Semester (2019 Admitted Batch)**

Examinations Starting Date: 14-06-2022 Examination Ending Date: 27-06-2022 Results Declaration Date: 06-07-2022

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	115	99	86.09
2	Electrical and Electronics Engineering	111	76	68.47
3	Mechanical Engineering	172	110	63.95
4	Electronics and Communication Engineering	266	237	89.10
5	Computer Science and Engineering	214	193	90.19
6	Information Technology	67	54	80.60
7	Mining Engineering	62	53	85.48
8	Petroleum Technology	55	48	87.27
9	Agricultural Engineering	67	46	68.66
TOTAL:		1129	916	81.13

**B.Tech – VIII Semester (2018 Admitted Batch)**

Examinations Starting Date: 13-06-2022 Examination Ending Date: 15-06-2022 Results Declaration Date: 22-06-2022

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	111	103	92.79
2	Electrical and Electronics Engineering	116	109	93.96
3	Mechanical Engineering	188	178	94.68
4	Electronics and Communication Engineering	253	243	96.04
5	Computer Science and Engineering	192	187	97.39
6	Information Technology	56	55	98.21
7	Mining Engineering	63	59	95.23
8	Petroleum Technology	42	42	100
9	Agricultural Engineering	56	52	92.85
TOTAL:		1077	1028	95.45

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**IMBA – II Semester (2021 Admitted Batch)**

Examinations Starting Date: 19-09-2022 Examination Ending Date: 28-09-2022 Results Declaration Date: 10-10-2022

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Integrated MBA	50	48	96

**IMBA – IV Semester (2020 Admitted Batch)**

Examinations Starting Date: 12-07-2022 Examination Ending Date: 21-07-2022 Results Declaration Date: 30-07-2022

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Integrated MBA	50	49	98.00

**IMBA – VI Semester (2019 Admitted Batch)**

Examinations Starting Date: 30-05-2022 Examination Ending Date: 06-06-2022 Results Declaration Date: 15-06-2022

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Integrated MBA	21	21	100

**IMBA – VIII Semester (2018 Admitted Batch)**

Examinations Starting Date: 16-05-2022 Examination Ending Date: 25-05-2022 Results Declaration Date: 05-06-2022

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Integrated MBA	16	16	100

**IMBA – X Semester (2017 Admitted Batch)**

Examinations Starting Date: 06-06-2022 Examination Ending Date: 08-06-2022 Results Declaration Date: 22-06-2022

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Integrated MBA	21	21	100



**MBA – II Semester (2021 Admitted Batch)**

Examinations Starting Date: 19-09-2022 Examination Ending Date: 30-09-2022 Results Declaration Date: 10-10-2022

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Business Administration	63	62	98.40

**MBA – IV Semester (2020 Admitted Batch)**

Examinations Starting Date: 12-07-2022 Examination Ending Date: 23-07-2022 Results Declaration Date: 30-07-2022

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Business Administration	48	46	95.83

**MCA – II Semester (2021 Admitted Batch)**

Examinations Starting Date: 19-09-2022 Examination Ending Date: 28-09-2022 Results Declaration Date: 10-10-2022

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Computer Applications	66	64	96.97

**MCA – IV Semester (2020 Admitted Batch)**

Examinations Starting Date: 12-07-2022 Examination Ending Date: 30-07-2022 Results Declaration Date: 03-08-2022

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Computer Applications	60	59	98.33

**MCA – VI Semester (2019 Admitted Batch)**

Examinations Starting Date: 27-07-2022 Examination Ending Date: 30-07-2022 Results Declaration Date: 03-08-2022

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Computer Applications	21	21	100

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### M.Tech – II Semester (2021 Admitted Batch)

Examinations Starting Date: 10-10-2022 Examination Ending Date: 17-10-2022 Results Declaration Date: 24-10-2022

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Structural Engineering	5	3	60
2	Power Electronics and Drives	3	3	100
3	Thermal Engineering	3	2	66.67
4	VLSI Design	5	4	80
5	Computer Science Engineering	8	4	50
Total:		24	16	66.67

### M.Tech – IV Semester (2020 Admitted Batch)

Examinations Starting Date: 25-08-2022 Examination Ending Date: 26-08-2022 Results Declaration Date: 30-08-2022

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Structural Engineering	14	14	100
2	Power Electronics and Drives	09	09	100
3	Thermal Engineering	13	13	100
4	VLSI Design	07	07	100
5	Computer Science Engineering	17	17	100
6	Petroleum Engineering	13	13	100
Total:		73	73	100

### 3. Question Papers for Semester Examination

All question papers were made in four sets for each subject by experienced course experts from a reputed college/university. Course experts did scrutiny before 30 minutes of examinations. After scrutiny, question papers were reformatted and printed before 20 minutes of examination.

The answer booklets are distributed to invigilators of specific examination halls in the exam section. The question papers are given to observers, and they will distribute as per our instructions. After examination, the invigilator collected the answer booklets from students and submitted them to the exam section, and they were packed with seals.

Internal faculty members did all paper settings for the sessional examination for each subject. After notification of the sessional examination, internal faculties have submitted the question papers in the specified format.

  
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#### 4. Conduct of the Semester Examinations

This examination was conducted during the COVID 19 Second wave pandemic time. Before the semester examinations, we surveyed the students regarding the availability of the required infrastructure for the online examinations. From that survey, we know that only a few students have the proper facilities for appearing in online examinations. Hence, we changed the decision by allotting only 18 students in a room to write examinations by following all COVID rules strictly. During the examinations, the room allocation, seating plan, and examination rules were pasted on the entrance door of all examination halls and the notice boards on the institute premises. COE appointed observers to coordinate the following activities for the semester examinations in Academic Session 2020-21.

- Examination Duty Chart
- Room Allocation
- Seating Plan
- Invigilation Duty Chart
- Distribution of Question papers, answer scripts and attendance sheets to the invigilators
- Collection of Answer scripts, Attendance sheets and invigilator reports from the invigilators

#### 5. Evaluation and Assessment

Odd Semester:

All appointments for examination of answer scripts were awarded to external faculty by handovering the stationary to the COE of another reputed college. Before the pandemic, COE appointed various experienced valuator from other reputed colleges to Aditya Spot Centre. The internal faculty completely did scrutiny.

Even Semester:

All appointments for examination of answer scripts were awarded to external faculty by providing login ID and passwords of DVS through online. COE collected mail Ids of valuator from other COE's of reputed colleges/universities. Scrutiny was completed automated by using DVS.

Data in the excel files were transferred to the BET PLUS server for result processing, and the internal marks were directly uploaded into BET PLUS. The tabulation and Result processing were automated. Subjects like drawing on sheets are evaluated physically, and both physical and online valuations are merged for result processing.

#### 6. Result Announcement:

After the meeting with Results Committee, results are generated with the grafting needed for Autonomous Exam Portal. After the online announcement of the result, notification for revaluation was given by COE, and result analysis was done with a checklist & T-Sheet.



#### 7. Grievances Reported by students

The notification was given after the announcement of results and 6 days for every examination. The application procedure is online, and the valuation process is also online.

Programme	Semester	No. of students applied for revaluation	No. of revaluation cases where marks changed
B.Tech	I	1	0
B.Tech	II	3	0
B.Tech	III	2	0
B.Tech	IV	1	0
B.Tech	V	1	0
B.Tech	VI	1	0
B.Tech	VII	2	1
B.Tech	VIII	1	1
IMBA	I	0	0
IMBA	II	0	0
IMBA	III	0	0
IMBA	IV	0	0
IMBA	V	0	0
IMBA	VI	0	0
IMBA	VII	0	0
IMBA	VIII	0	0
IMBA	IX	0	0
IMBA	X	0	0
M.Tech	I	0	0
M.Tech	II	0	0
M.Tech	III	0	0
M.Tech	IV	0	0
MBA	I	1	0
MBA	II	0	0
MBA	III	0	0
MBA	IV	0	0
MCA	I	0	0
MCA	II	0	0
MCA	III	1	0
MCA	IV	0	0
MCA	V	0	0
MCA	VI	0	0


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#### 8. Automation of Examination System

The following examination activities were fully automated

1. Examination Forms fill up by students using the online portal
2. Attendance approval from HOD was introduced, which is automatically approved based on their class attendance.
3. Students can submit examination fees.
4. Students can download the hall ticket from the examination portal
5. A list of students appearing in the examination is prepared automatically
6. The examination schedule was entered into the online system to be displayed wherever necessary (Hallticket, Booklets, Stationary).
7. Print a day-wise attendance sheet for all examination schedules from the online system.
8. The examiners carried out online Evaluation by accessing the DVS system using the internet through separate login ID's for each examiner.
9. Scrutiny was completely automated using the DVS for the online evaluation system.
10. The different valutors who have not been valued earlier carried out a re-evaluation.
11. Internal marks were uploaded in the BET PLUS.
12. Result Announcement and result verification through software.
13. Grafting was done as per the recommendations given by the examination committee.
14. Students appeared in the semester examination with strict COVID Precautions.

  
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