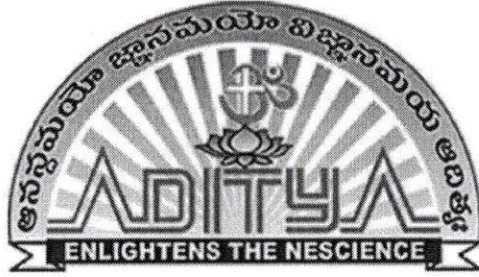


Annual Report of Autonomous Examination (2020-21)



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 4825 students appeared for the examination of UG & PG. Out of 4825, 3584 students passed the Odd Semester Examinations. The overall pass percentage is 74.27.

B.Tech – I Semester (2020 Admitted Batch)

Examinations Starting Date: 05-08-2021 Examination Ending Date: 13-08-2021 Results Declaration Date: 19-08-2021

S.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	90	50	55.56
2	Electrical and Electronics Engineering	90	48	53.33
3	Mechanical Engineering	133	76	57.14
4	Electronics and Communication Engineering	250	196	78.40
5	Computer Science and Engineering	195	171	87.69
6	Information Technology	65	44	67.69
7	Mining Engineering	19	11	57.89
8	Petroleum Technology	22	4	18.18
9	Agricultural Engineering	53	20	37.74
TOTAL:		918	620	67.54


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B.Tech – III Semester (2019 Admitted Batch)

Examinations Starting Date: 18-03-2021 Examination Ending Date: 31-03-2021 Results Declaration Date: 07-04-2021

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	121	65	53.72
2	Electrical and Electronics Engineering	116	63	54.31
3	Mechanical Engineering	178	97	54.49
4	Electronics and Communication Engineering	272	185	68.01
5	Computer Science and Engineering	213	190	89.20
6	Information Technology	68	51	75.00
7	Mining Engineering	63	50	79.37
8	Petroleum Technology	55	38	69.09
9	Agricultural Engineering	70	42	60.00
TOTAL:		1156	781	67.56

B.Tech – V Semester (2018 Admitted Batch)

Examinations Starting Date: 17-03-2021 Examination Ending Date: 01-04-2021 Results Declaration Date: 07-04-2021

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	122	84	68.85
2	Electrical and Electronics Engineering	124	71	57.26
3	Mechanical Engineering	193	89	46.11
4	Electronics and Communication Engineering	260	192	73.85
5	Computer Science and Engineering	196	156	79.59
6	Information Technology	58	43	74.14
7	Mining Engineering	66	48	72.73
8	Petroleum Technology	43	37	86.05
9	Agricultural Engineering	58	42	72.41
TOTAL:		1120	762	68.04


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B.Tech – VII Semester (2017 Admitted Batch)

Examinations Starting Date: 18-03-2021 Examination Ending Date: 31-03-2021 Results Declaration Date: 07-04-2021

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	130	111	85.38
2	Electrical and Electronics Engineering	130	100	76.92
3	Mechanical Engineering	199	166	83.42
4	Electronics and Communication Engineering	278	241	86.69
5	Computer Science and Engineering	193	167	86.53
6	Information Technology	58	54	93.10
7	Mining Engineering	68	59	86.76
8	Petroleum Technology	54	51	94.44
9	Agricultural Engineering	66	64	96.97
TOTAL:		1176	1013	86.14

IMBA – I Semester (2020 Admitted Batch)

Examinations Starting Date: 28-07-2021 Examination Ending Date: 06-08-2021 Results Declaration Date: 19-08-2021

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Integrated MBA	53	46	86.79

IMBA – III Semester (2019 Admitted Batch)

Examinations Starting Date: 15-03-2021 Examination Ending Date: 24-03-2021 Results Declaration Date: 07-04-2021

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

IMBA – V Semester (2018 Admitted Batch)

Examinations Starting Date: 16-03-2021 Examination Ending Date: 25-03-2021 Results Declaration Date: 07-04-2021

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Integrated MBA	16	14	87.50

IMBA – VII Semester (2017 Admitted Batch)

Examinations Starting Date: 15-03-2021 Examination Ending Date: 24-03-2021 Results Declaration Date: 07-04-2021

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

MBA – I Semester (2020 Admitted Batch)

Examinations Starting Date: 28-07-2021 Examination Ending Date: 11-08-2021 Results Declaration Date: 19-08-2021

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Business Administration	49	47	95.92

MBA – III Semester (2019 Admitted Batch)

Examinations Starting Date: 16-03-2021 Examination Ending Date: 30-03-2021 Results Declaration Date: 07-04-2021

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Business Administration	53	52	98.11

MCA – I Semester (2020 Admitted Batch)

Examinations Starting Date: 02-08-2021 Examination Ending Date: 11-08-2021 Results Declaration Date: 19-08-2021

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Computer Applications	61	58	95.08

MCA – III Semester (2019 Admitted Batch)

Examinations Starting Date: 16-03-2021 Examination Ending Date: 25-03-2021 Results Declaration Date: 07-04-2021

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Computer Applications	22	20	90.91


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MCA – V Semester (2018 Admitted Batch)

Examinations Starting Date: 15-03-2021 Examination Ending Date: 24-03-2021 Results Declaration Date: 07-04-2021

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Computer Applications	57	55	96.49

M.Tech – I Semester (2020 Admitted Batch)

Examinations Starting Date: 02-08-2021 Examination Ending Date: 11-08-2021 Results Declaration Date: 25-08-2021

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Structural Engineering	18	11	61.11
2	Power Electronics and Drives	9	8	88.89
3	Thermal Engineering	19	9	47.37
4	VLSI Design	9	7	77.78
5	Computer Science Engineering	18	14	77.78
6	Petroleum Engineering	18	9	50.00
Total:		91	58	63.74

M.Tech – III Semester (2019 Admitted Batch)

Examinations Starting Date: 28-07-2021 Examination Ending Date: 30-07-2021 Results Declaration Date: 17-08-2021

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


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- b) In the Even Semester Examinations total of 4793 students appeared for the examination of UG & PG. Out of 4793, 3069 students passed the Even Semester Examinations. The overall pass percentage is 75.29.

B.Tech – II Semester (2020 Admitted Batch)

Examinations Starting Date: 29-09-2021 Examination Ending Date: 09-10-2021 Results Declaration Date: 18-10-2021

S.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	87	43	49.43
2	Electrical and Electronics Engineering	87	27	31.03
3	Mechanical Engineering	133	62	46.62
4	Electronics and Communication Engineering	250	136	54.40
5	Computer Science and Engineering	195	152	77.95
6	Information Technology	63	39	61.90
7	Mining Engineering	19	9	47.37
8	Petroleum Technology	21	5	23.81
9	Agricultural Engineering	53	17	32.08
TOTAL:		908	490	53.96

B.Tech – IV Semester (2019 Admitted Batch)

Examinations Starting Date: 01-09-2021 Examination Ending Date: 13-09-2021 Results Declaration Date: 20-09-2021

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	119	63	52.94
2	Electrical and Electronics Engineering	115	67	58.26
3	Mechanical Engineering	178	111	62.36
4	Electronics and Communication Engineering	270	200	74.07
5	Computer Science and Engineering	213	176	82.63
6	Information Technology	67	45	67.16
7	Mining Engineering	63	52	82.54
8	Petroleum Technology	55	33	60.00
9	Agricultural Engineering	66	46	69.70
TOTAL:		1146	793	69.20


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B.Tech – VI Semester (2018 Admitted Batch)

Examinations Starting Date: 10-08-2021 Examination Ending Date: 21-08-2021 Results Declaration Date: 31-08-2021

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	116	58	50.00
2	Electrical and Electronics Engineering	123	90	73.17
3	Mechanical Engineering	190	120	63.16
4	Electronics and Communication Engineering	259	209	80.69
5	Computer Science and Engineering	196	158	80.61
6	Information Technology	57	46	80.70
7	Mining Engineering	65	50	76.92
8	Petroleum Technology	43	34	79.07
9	Agricultural Engineering	57	43	75.44
TOTAL:		1106	808	73.06

B.Tech – VIII Semester (2017 Admitted Batch)

Examinations Starting Date: 24-07-2021 Examination Ending Date: 26-07-2021 Results Declaration Date: 02-08-2021

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	130	118	90.77
2	Electrical and Electronics Engineering	131	126	96.18
3	Mechanical Engineering	199	191	95.98
4	Electronics and Communication Engineering	277	263	94.95
5	Computer Science and Engineering	193	191	98.96
6	Information Technology	57	57	100.00
7	Mining Engineering	68	65	95.59
8	Petroleum Technology	54	53	98.15
9	Agricultural Engineering	66	66	100.00
TOTAL:		1175	1130	96.17

IMBA – II Semester (2020 Admitted Batch)

Examinations Starting Date: 04-10-2021 Examination Ending Date: 18-10-2021 Results Declaration Date: 28-10-2021

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Integrated MBA	52	41	78.85

IMBA – IV Semester (2019 Admitted Batch)

Examinations Starting Date: 10-08-2021 Examination Ending Date: 20-08-2021 Results Declaration Date: 31-08-2021

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

IMBA – VI Semester (2018 Admitted Batch)

Examinations Starting Date: 09-08-2021 Examination Ending Date: 16-08-2021 Results Declaration Date: 25-08-2021

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Integrated MBA	16	15	93.75

IMBA – VIII Semester (2017 Admitted Batch)

Examinations Starting Date: 09-08-2021 Examination Ending Date: 18-08-2021 Results Declaration Date: 31-08-2021

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

MBA – II Semester (2020 Admitted Batch)

Examinations Starting Date: 04-10-2021 Examination Ending Date: 20-10-2021 Results Declaration Date: 28-10-2021

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

MBA – IV Semester (2019 Admitted Batch)

Examinations Starting Date: 10-08-2021 Examination Ending Date: 23-08-2021 Results Declaration Date: 31-08-2021

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Business Administration	54	53	98.15


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MCA – II Semester (2020 Admitted Batch)

Examinations Starting Date: 04-10-2021 Examination Ending Date: 18-10-2021 Results Declaration Date: 28-10-2021

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Computer Applications	61	52	85.25

MCA – IV Semester (2019 Admitted Batch)

Examinations Starting Date: 10-08-2021 Examination Ending Date: 20-08-2021 Results Declaration Date: 27-08-2021

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Computer Applications	22	18	81.82

MCA – VI Semester (2018 Admitted Batch)

Examinations Starting Date: 20-09-2021 Examination Ending Date: 21-09-2021 Results Declaration Date: 30-09-2021

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Computer Applications	57	57	100

M.Tech – II Semester (2020 Admitted Batch)

Examinations Starting Date: 04-10-2021 Examination Ending Date: 11-10-2021 Results Declaration Date: 18-10-2021

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Structural Engineering	14	8	57.14
2	Power Electronics and Drives	9	9	100
3	Thermal Engineering	13	5	38.46
4	VLSI Design	8	5	62.50
5	Computer Science Engineering	17	10	58.82
6	Petroleum Engineering	13	12	92.31
Total:		74	49	66.22


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M.Tech – IV Semester (2019 Admitted Batch)

Examinations Starting Date: 29-12-2021 Examination Ending Date: 04-01-2022 Results Declaration Date: 07-01-2022

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Structural Engineering	5	5	100
2	Power Electronics and Drives	1	1	100
3	Thermal Engineering	2	2	100
5	Computer Science Engineering	4	4	100
6	Petroleum Engineering	3	3	100
Total:		15	15	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.

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 valuers 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 valuers 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	1	0
B.Tech	III	2	1
B.Tech	IV	1	0
B.Tech	V	1	0
B.Tech	VI	2	0
B.Tech	VII	1	0
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

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

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 valuated 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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