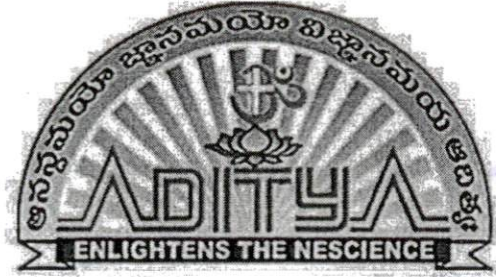# Annual Report of
Autonomous Examination
(2018-19)

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 revaluationrather 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.
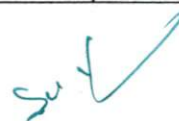- OBE (Objective Based Education) analysis

2. **Student's performance in the Semester End Examinations:**
   a) In the Odd Semester Examinations total of 4806 students appeared for the examination of UG & PG. Out of 4806, 3083 students passed the Odd Semester Examinations. The overall pass percentage is 64.14.

B.Tech – I Semester (2018 Admitted Batch)

Examinations Starting Date: 26-11-2018   Examination Ending Date: 07-12-2018   Results Declaration Date: 02-01-2019

S.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	104	37	35.58
2	Electrical and Electronics Engineering	93	59	63.44
3	Mechanical Engineering	169	68	40.24
4	Electronics and Communication Engineering	234	155	66.24
5	Computer Science and Engineering	180	116	64.44
6	Information Technology	60	30	50.00
7	Mining Engineering	24	9	37.50
8	Petroleum Technology	39	18	46.15
9	Agricultural Engineering	45	22	48.89
	TOTAL:	948	514	54.22

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B.Tech – III Semester (2017 Admitted Batch)

Examinations Starting Date: 27-10-2018   Examination Ending Date: 09-11-2018   Results Declaration Date: 26-11-2018

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	146	76	52.05
2	Electrical and Electronics Engineering	138	85	61.59
3	Mechanical Engineering	211	115	54.50
4	Electronics and Communication Engineering	288	153	53.13
5	Computer Science and Engineering	203	150	73.89
6	Information Technology	60	46	76.67
7	Mining Engineering	73	44	60.27
8	Petroleum Technology	54	34	62.96
9	Agricultural Engineering	68	50	73.53
	TOTAL:	1241	753	60.68

B.Tech – V Semester (2016 Admitted Batch)

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	135	94	69.63
2	Electrical and Electronics Engineering	120	55	45.83
3	Mechanical Engineering	203	90	44.33
4	Electronics and Communication Engineering	265	140	52.83
5	Computer Science and Engineering	176	115	65.34
6	Information Technology	57	44	77.19
7	Mining Engineering	75	66	88.00
8	Petroleum Technology	55	37	67.27
9	Agricultural Engineering	60	27	45.00
	TOTAL:	1146	668	58.29

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B.Tech – VII Semester (2015 Admitted Batch)

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	133	113	84.96
2	Electrical and Electronics Engineering	129	100	77.52
3	Mechanical Engineering	199	152	76.38
4	Electronics and Communication Engineering	276	174	63.04
5	Computer Science and Engineering	164	130	79.27
6	Information Technology	55	49	89.09
7	Mining Engineering	32	25	78.13
8	Petroleum Technology	66	55	83.33
9	Agricultural Engineering	62	53	85.48
	TOTAL:	1116	851	76.25

IMBA – I Semester (2018 Admitted Batch)

Examinations Starting Date: 26-12-2018 Examination Ending Date: 04-01-2019 Results Declaration Date: 20-01-2019

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Integrated MBA	15	12	80.00

IMBA – III Semester (2017 Admitted Batch)

Examinations Starting Date: 22-10-2018 Examination Ending Date: 31-11-2018 Results Declaration Date: 26-11-2018

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Integrated MBA	23	21	91.30

IMBA – V Semester (2016 Admitted Batch)

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Integrated MBA	27	18	66.70

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MBA – I Semester (2018 Admitted Batch)

Examinations Starting Date: 26-12-2018 Examination Ending Date: 07-01-2019 Results Declaration Date: 18-01-2019

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Business Administration	55	39	70.91

MBA – III Semester (2017 Admitted Batch)

Examinations Starting Date: 10-12-2018 Examination Ending Date: 24-12-2018 Results Declaration Date: 10-01-2019

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Business Administration	54	52	96.30

MCA – I Semester (2018 Admitted Batch)

Examinations Starting Date: 22-01-2019 Examination Ending Date: 01-02-2019 Results Declaration Date: 20-02-2019

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Computer Applications	34	26	76.47

MCA – III Semester (2017 Admitted Batch)

Examinations Starting Date: 19-11-2018 Examination Ending Date: 28-11-2018 Results Declaration Date: 08-12-2018

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Computer Applications	53	47	88.68

MCA – V Semester (2016 Admitted Batch)

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Computer Applications	38	34	89.47

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M.Tech – I Semester (2018 Admitted Batch)

Examinations Starting Date: 29-01-2018 Examination Ending Date: 04-02-2019 Results Declaration Date: 15-02-2019

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Structural Engineering	12	9	75.00
2	Power Electronics and Drives	1	1	100
3	Thermal Engineering	3	3	100
4	Embedded Systems	2	1	50.00
5	VLSI Design	5	5	100
6	Computer Science Engineering	4	3	75.00
7	Petroleum Engineering	1	0	0.00
	Total:	28	22	78.57

M.Tech – III & IV Semester (2017 Admitted Batch)

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Structural Engineering	7	7	100
2	Power Electronics and Drives	2	2	100
3	Thermal Engineering	5	5	100
4	Embedded Systems	3	3	100
5	VLSI Design	1	1	100
6	Computer Science Engineering	2	2	100
7	Petroleum Engineering	6	6	100
	Total:	26	26	100

b) In the Even Semester Examinations total of 4748 students appeared for the examination of UG & PG. Out of 4748, 3463 students passed the Even Semester Examinations. The overall pass percentage is 72.93.

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B.Tech – II Semester (2018 Admitted Batch)

Examinations Starting Date: 29-04-2019   Examination Ending Date: 10-05-2019   Results Declaration Date: 28-05-2019

S.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	104	51	49.04
2	Electrical and Electronics Engineering	90	42	46.67
3	Mechanical Engineering	165	77	46.67
4	Electronics and Communication Engineering	234	178	76.07
5	Computer Science and Engineering	176	128	72.73
6	Information Technology	58	44	75.86
7	Mining Engineering	24	12	50.00
8	Petroleum Technology	38	22	57.89
9	Agricultural Engineering	45	23	51.11
	TOTAL:	934	577	61.78

B.Tech – IV Semester (2017 Admitted Batch)

Examinations Starting Date: 13-04-2019   Examination Ending Date: 26-04-2019   Results Declaration Date: 15-05-2019

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	143	89	62.24
2	Electrical and Electronics Engineering	134	103	76.87
3	Mechanical Engineering	205	122	59.51
4	Electronics and Communication Engineering	287	190	66.20
5	Computer Science and Engineering	200	161	80.50
6	Information Technology	60	47	78.33
7	Mining Engineering	68	49	72.06
8	Petroleum Technology	54	46	85.19
9	Agricultural Engineering	68	59	86.76
	TOTAL:	1219	866	71.04

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B.Tech – VI Semester (2016 Admitted Batch)

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	133	93	69.92
2	Electrical and Electronics Engineering	119	63	52.94
3	Mechanical Engineering	202	135	66.83
4	Electronics and Communication Engineering	260	153	58.85
5	Computer Science and Engineering	174	142	81.61
6	Information Technology	56	49	87.50
7	Mining Engineering	74	63	85.14
8	Petroleum Technology	54	35	64.81
9	Agricultural Engineering	59	40	67.80
	TOTAL:	1131	773	68.35

B.Tech – VIII Semester (2015 Admitted Batch)

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	133	119	89.47
2	Electrical and Electronics Engineering	129	116	89.92
3	Mechanical Engineering	198	165	83.33
4	Electronics and Communication Engineering	274	233	85.04
5	Computer Science and Engineering	163	140	85.89
6	Information Technology	55	51	92.73
7	Mining Engineering	32	30	93.75
8	Petroleum Technology	66	60	90.91
9	Agricultural Engineering	62	55	88.71
	TOTAL:	1112	969	87.14

IMBA – II Semester (2018 Admitted Batch)

Examinations Starting Date: 20-05-2019   Examination Ending Date: 29-05-2019   Results Declaration Date: 12-06-2019

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Integrated MBA	15	15	100

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IMBA – IV Semester (2017 Admitted Batch)

Examinations Starting Date: 13-04-2019 Examination Ending Date: 22-04-2019 Results Declaration Date: 15-05-2019

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Integrated MBA	21	18	85.71

IMBA – VI Semester (2016 Admitted Batch)

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Integrated MBA	27	24	88.90

MBA – II Semester (2018 Admitted Batch)

Examinations Starting Date: 20-05-2019 Examination Ending Date: 31-05-2019 Results Declaration Date: 12-06-2019

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Business Administration	50	31	62.00

MBA – IV Semester (2017 Admitted Batch)

Examinations Starting Date: 06-05-2019 Examination Ending Date: 17-05-2019 Results Declaration Date: 03-06-2019

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Business Administration	53	50	94.34

MCA – II Semester (2018 Admitted Batch)

Examinations Starting Date: 10-06-2019 Examination Ending Date: 19-06-2019 Results Declaration Date: 05-07-2019

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Computer Applications	33	29	87.88

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MCA – IV Semester (2017 Admitted Batch)

Examinations Starting Date: 15-04-2019   Examination Ending Date: 24-04-2019   Results Declaration Date: 15-05-2019

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Computer Applications	53	48	90.57

MCA – VI Semester (2016 Admitted Batch)

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Computer Applications	38	38	100.00

M.Tech – II Semester (2018 Admitted Batch)

Examinations Starting Date: 17-06-2019   Examination Ending Date: 28-06-2019   Results Declaration Date: 12-07-2019

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Structural Engineering	12	9	75.00
2	Power Electronics and Drives	1	1	100
3	Thermal Engineering	3	3	100
4	Embedded Systems	2	2	100
5	VLSI Design	5	5	100
6	Computer Science Engineering	4	4	100
7	Petroleum Engineering	1	1	100
	Total:	28	25	89.29

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 inthe 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 valuators 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 valuators 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 ResultsCommittee, 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	01	00
B.Tech	II	02	01
B.Tech	III	02	00
B.Tech	IV	01	01
IMBA	I	00	00
IMBA	II	00	00
IMBA	III	00	00
IMBA	IV	00	00
M.Tech	I	00	00
M.Tech	II	01	00
MBA	I	00	00
MBA	II	00	00
MBA	III	00	00
MBA	IV	00	00
MCA	I	00	00
MCA	II	00	00
MCA	III	00	00
MCA	IV	00	00

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.

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10. The different valuators 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.

Controller of Examinations

Controller of Examinations
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