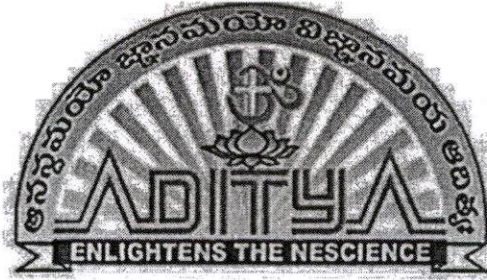


# Annual Report of Autonomous Examination (2019-20)



## 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

## Table of Contents

S.No	Particulars	Page No
1	Introduction	2
2	Students Performance in the Semester End Examinations	3
3	Question Papers for Semester Examinations	12
4	Conduct of Semester Examination	12
5	Evaluation and Assessment	12
6	Result Announcement	13
7	Grievances Reported by Students	13
8	Automation of Examination	14

  
**PRINCIPAL**  
**Aditya Engineering College**  
**SURAMPALEM**

## 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**

- Handover 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 4641 students appeared for the examination of UG & PG. Out of 4641, 3355 students passed the Odd Semester Examinations. The overall pass percentage is 72.29.

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

Examinations Starting Date: 23-12-2019 Examination Ending Date: 30-12-2019 Results Declaration Date: 07-01-2020

S.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	68	39	57.35
2	Electrical and Electronics Engineering	65	37	56.92
3	Mechanical Engineering	112	74	66.07
4	Electronics and Communication Engineering	254	192	75.59
5	Computer Science and Engineering	196	168	85.71
6	Information Technology	66	47	71.21
7	Mining Engineering	14	13	92.86
8	Petroleum Technology	38	22	57.89
9	Agricultural Engineering	47	12	25.53
TOTAL:		860	604	70.23

PRINCIPAL  
Aditya Engineering College  
SURAMPALAM

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

Examinations Starting Date: 29-10-2021 Examination Ending Date: 09-11-2019 Results Declaration Date: 18-11-2019

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	122	74	60.66
2	Electrical and Electronics Engineering	125	67	53.60
3	Mechanical Engineering	195	81	41.54
4	Electronics and Communication Engineering	260	159	61.15
5	Computer Science and Engineering	196	148	75.51
6	Information Technology	57	40	70.18
7	Mining Engineering	64	49	76.56
8	Petroleum Technology	44	27	61.36
9	Agricultural Engineering	59	49	83.05
TOTAL:		1122	694	61.85

**B.Tech – V Semester (2017 Admitted Batch)**

Examinations Starting Date: 28-10-2019 Examination Ending Date: 11-11-2019 Results Declaration Date: 18-11-2019

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	135	120	88.89
2	Electrical and Electronics Engineering	132	99	75.00
3	Mechanical Engineering	200	118	59.00
4	Electronics and Communication Engineering	281	203	72.24
5	Computer Science and Engineering	193	167	86.53
6	Information Technology	59	47	79.66
7	Mining Engineering	68	53	77.94
8	Petroleum Technology	54	47	87.04
9	Agricultural Engineering	67	64	95.52
TOTAL:		1189	918	77.21

  
PRINCIPAL  
Aditya Engineering College  
SURAMPALAM

**B.Tech – VII Semester (2016 Admitted Batch)**

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	132	92	69.70
2	Electrical and Electronics Engineering	117	87	74.36
3	Mechanical Engineering	197	123	62.44
4	Electronics and Communication Engineering	256	192	75.00
5	Computer Science and Engineering	174	133	76.44
6	Information Technology	55	43	78.18
7	Mining Engineering	73	68	93.15
8	Petroleum Technology	55	39	70.91
9	Agricultural Engineering	67	48	71.64
TOTAL:		1126	825	73.27

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

Examinations Starting Date: 17-12-2019 Examination Ending Date: 26-12-2019 Results Declaration Date: 04-01-2020

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

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

Examinations Starting Date: 29-10-2019 Examination Ending Date: 07-11-2019 Results Declaration Date: 15-11-2019

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Integrated MBA	15	14	93.33

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

Examinations Starting Date: 28-10-2019 Examination Ending Date: 06-11-2019 Results Declaration Date: 15-11-2019

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Integrated MBA	21	16	76.19

  
PRINCIPAL  
Aditya Engineering College  
SURAMPALEM



**IMBA – VII Semester (2016 Admitted Batch)**

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Integrated MBA	27	22	81.48

**MBA – I Semester (2019 Admitted Batch)**

Examinations Starting Date: 03-02-2020 Examination Ending Date: 17-02-2020 Results Declaration Date: 26-02-2020

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

**MBA – III Semester (2018 Admitted Batch)**

Examinations Starting Date: 19-11-2019 Examination Ending Date: 02-12-2019 Results Declaration Date: 07-12-2019

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Business Administration	50	47	94.00

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

Examinations Starting Date: 03-02-2020 Examination Ending Date: 12-02-2020 Results Declaration Date: 21-02-2020

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

**MCA – III Semester (2018 Admitted Batch)**

Examinations Starting Date: 19-11-2019 Examination Ending Date: 27-11-2019 Results Declaration Date: 07-12-2019

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Computer Applications	56	48	85.71

  
PRINCIPAL  
Aditya Engineering College  
SURAMPALEM

**MCA – V Semester (2017 Admitted Batch)**

Examinations Starting Date: 21-10-2019 Examination Ending Date: 30-10-2019 Results Declaration Date: 07-11-2019

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Computer Applications	51	51	100

**M.Tech – I Semester (2019 Admitted Batch)**

Examinations Starting Date: 03-02-2020 Examination Ending Date: 12-02-2020 Results Declaration Date: 24-02-2020

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Structural Engineering	5	4	80.00
2	Power Electronics and Drives	1	1	100
3	Thermal Engineering	3	1	33.33
4	Computer Science Engineering	4	4	100
5	Petroleum Engineering	5	4	80.00
Total:		18	14	77.78

**M.Tech – III & IV Semester (2018 Admitted Batch)**

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Structural Engineering	10	10	100
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	3	3	100
7	Petroleum Engineering	1	1	100
Total:		25	25	100

- b) In the Even Semester Examinations total of 4616 students appeared for the examination of UG & PG. Out of 4616, 3402 students passed the Even Semester Examinations. The overall pass percentage is 73.70.

2 ✓  
PRINCIPAL  
Aditya Engineering College  
SURAMPALAM



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

Examinations Starting Date: 10-12-2020 Examination Ending Date: 19-12-2020 Results Declaration Date: 26-12-2020

S.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	67	27	40.30
2	Electrical and Electronics Engineering	65	29	44.62
3	Mechanical Engineering	108	45	41.67
4	Electronics and Communication Engineering	249	158	63.45
5	Computer Science and Engineering	195	161	82.56
6	Information Technology	61	37	56.92
7	Mining Engineering	14	8	57.14
8	Petroleum Technology	38	26	68.42
9	Agricultural Engineering	47	14	29.79
TOTAL:		848	505	59.55

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

Examinations Starting Date: 16-11-2020 Examination Ending Date: 30-11-2020 Results Declaration Date: 08-12-2020

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	118	68	57.63
2	Electrical and Electronics Engineering	122	81	66.39
3	Mechanical Engineering	191	104	54.45
4	Electronics and Communication Engineering	258	204	79.07
5	Computer Science and Engineering	195	148	75.90
6	Information Technology	56	41	73.21
7	Mining Engineering	67	58	86.57
8	Petroleum Technology	43	34	79.07
9	Agricultural Engineering	59	35	59.32
TOTAL:		1109	773	69.70

21 ✓  
PRINCIPAL  
Aditya Engineering College  
SURAMPALEM

**B.Tech – VI Semester (2017 Admitted Batch)**

Examinations Starting Date: 27-10-2020 Examination Ending Date: 11-11-2020 Results Declaration Date: 19-11-2020

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	130	84	64.62
2	Electrical and Electronics Engineering	130	95	73.08
3	Mechanical Engineering	199	133	66.83
4	Electronics and Communication Engineering	279	211	75.63
5	Computer Science and Engineering	192	157	81.77
6	Information Technology	59	47	79.66
7	Mining Engineering	68	53	77.94
8	Petroleum Technology	54	44	81.48
9	Agricultural Engineering	66	49	74.24
TOTAL:		1177	873	74.17

**B.Tech – VIII Semester (2016 Admitted Batch)**

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	126	114	90.48
2	Electrical and Electronics Engineering	116	98	84.48
3	Mechanical Engineering	194	169	87.11
4	Electronics and Communication Engineering	253	211	83.40
5	Computer Science and Engineering	163	141	86.50
6	Information Technology	53	51	96.23
7	Mining Engineering	71	70	98.59
8	Petroleum Technology	52	46	88.46
9	Agricultural Engineering	65	51	78.46
TOTAL:		1093	951	87.01

PRINCIPAL  
Aditya Engineering College  
SURAMPALEM



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

Examinations Starting Date: 06-10-2020 Examination Ending Date: 15-10-2020 Results Declaration Date: 23-10-2020

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Integrated MBA	20	20	100

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

Examinations Starting Date: 05-10-2020 Examination Ending Date: 14-10-2020 Results Declaration Date: 23-10-2020

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

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

Examinations Starting Date: 05-10-2020 Examination Ending Date: 12-10-2020 Results Declaration Date: 19-10-2020

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Integrated MBA	20	18	90.00

**IMBA – VIII Semester (2016 Admitted Batch)**

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Integrated MBA	27	16	59.25

**MBA – II Semester (2019 Admitted Batch)**

Examinations Starting Date: 10-11-2020 Examination Ending Date: 23-11-2020 Results Declaration Date: 30-11-2020

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Business Administration	54	48	88.89

  
PRINCIPAL  
Aditya Engineering College  
SURAMPalem



**MBA – IV Semester (2018 Admitted Batch)**

Examinations Starting Date: 05-10-2020 Examination Ending Date: 16-10-2020 Results Declaration Date: 26-10-2020

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Business Administration	50	47	94.00

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

Examinations Starting Date: 10-11-2020 Examination Ending Date: 20-11-2020 Results Declaration Date: 30-11-2020

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Computer Applications	22	16	72.73

**MCA – IV Semester (2018 Admitted Batch)**

Examinations Starting Date: 05-10-2020 Examination Ending Date: 14-10-2020 Results Declaration Date: 26-10-2020

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Computer Applications	55	53	96.36

**MCA – VI Semester (2017 Admitted Batch)**


Examinations Starting Date: 09-12-2020 Examination Ending Date: 23-12-2020 Results Declaration Date: 28-12-2020

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Computer Applications	51	51	100

**M.Tech – II Semester (2019 Admitted Batch)**

Examinations Starting Date: 09-11-2020 Examination Ending Date: 28-11-2020 Results Declaration Date: 08-12-2020

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Structural Engineering	5	3	88.24
2	Power Electronics and Drives	1	1	100
3	Thermal Engineering	3	3	100
4	Computer Science Engineering	4	4	100
5	Petroleum Engineering	4	4	100
Total:		17	15	88.24

  
PRINCIPAL  
Aditya Engineering College  
SURAMPALAM

### 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	2	0
B.Tech	III	1	0
B.Tech	IV	1	1
B.Tech	V	2	0
B.Tech	VI	1	0
IMBA	I	0	0
IMBA	II	0	0
IMBA	III	0	0
IMBA	IV	0	0
IMBA	V	0	0
IMBA	VI	0	0
M.Tech	I	1	0
M.Tech	II	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.

  
Controller of Examinations  
Controller of Examinations  
Aditya Engineering College (A)  
SURAMPALEM

  
PRINCIPAL  
Aditya Engineering College  
SURAMPALEM