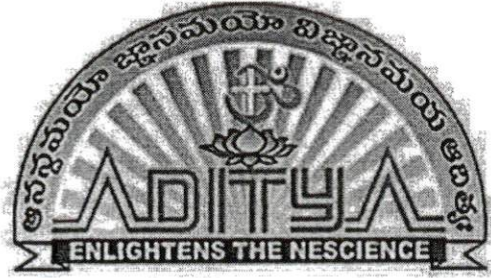


# Annual Report of Autonomous Examination (2017-18)



## 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**

- 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 4824 students appeared for the examination of UG & PG. Out of 4824, 2866 students passed the Odd Semester Examinations. The overall pass percentage is 59.41.

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

Examinations Starting Date: 27-11-2017 Examination Ending Date: 08-12-2017 Results Declaration Date: 14-12-2017

S.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	111	39	35.14
2	Electrical and Electronics Engineering	85	51	60.00
3	Mechanical Engineering	177	67	37.85
4	Electronics and Communication Engineering	238	160	67.23
5	Computer Science and Engineering	191	134	70.16
6	Information Technology	61	31	50.82
7	Mining Engineering	26	8	30.77
8	Petroleum Technology	50	40	80.00
9	Agricultural Engineering	48	27	56.25
TOTAL:		987	557	56.43

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

S.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	143	73	51.05
2	Electrical and Electronics Engineering	120	43	35.83
3	Mechanical Engineering	210	92	43.81
4	Electronics and Communication Engineering	268	122	45.52
5	Computer Science and Engineering	179	111	62.01
6	Information Technology	57	31	54.39
7	Mining Engineering	73	41	56.16
8	Petroleum Technology	59	13	22.03
9	Agricultural Engineering	61	9	14.75
TOTAL:		1170	535	45.73

**B.Tech – V Semester (2015 Admitted Batch)**

S.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	134	106	79.10
2	Electrical and Electronics Engineering	129	73	56.59
3	Mechanical Engineering	207	108	52.17
4	Electronics and Communication Engineering	277	170	61.37
5	Computer Science and Engineering	172	105	61.05
6	Information Technology	57	38	66.67
7	Mining Engineering	32	22	68.75
8	Petroleum Technology	70	52	74.29
9	Agricultural Engineering	65	49	75.38
TOTAL:		1143	723	63.25

  
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**B.Tech – VII Semester (2014 Admitted Batch)**

S.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	147	110	74.83
2	Electrical and Electronics Engineering	126	84	66.67
3	Mechanical Engineering	221	131	59.28
4	Electronics and Communication Engineering	266	211	79.32
5	Computer Science and Engineering	181	136	75.14
6	Information Technology	40	34	85.00
7	Mining Engineering	30	24	80.00
8	Petroleum Technology	51	39	76.47
9	Agricultural Engineering	32	18	56.25
TOTAL:		1094	787	71.94

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

Examinations Starting Date: 27-11-2017 Examination Ending Date: 06-12-2017 Results Declaration Date: 14-12-2017

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Integrated MBA	24	17	70.83

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

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Integrated MBA	29	20	69.00

**MBA – I Semester (2017 Admitted Batch)**

Examinations Starting Date: 20-01-2018 Examination Ending Date: 02-02-2018 Results Declaration Date: 09-02-2018

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Business Administration	56	47	83.93

  
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**MBA – III Semester (2016 Admitted Batch)**

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Business Administration	57	50	87.71

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

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Computer Applications	42	36	85.71

**MCA – III Semester (2016 Admitted Batch)**

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Computer Applications	39	10	25.64

**MCA – V Semester (2015 Admitted Batch)**

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Computer Applications	36	34	94.44

**M.Tech – I Semester (2017 Admitted Batch)**

Examinations Starting Date: 29-01-2018 Examination Ending Date: 09-02-2018 Results Declaration Date: 16-02-2018

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Structural Engineering	9	6	66.67
2	Power Electronics and Drives	2	2	100
3	Thermal Engineering	5	2	40.00
4	Embedded Systems	3	3	100
5	VLSI Design	6	5	83.33
6	Computer Science Engineering	4	3	75.00
7	Petroleum Engineering	9	4	44.44
Total:		38	25	65.79



**M.Tech – III & IV Semester (2016 Admitted Batch)**

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Structural Engineering	9	6	66.67
2	Power Electronics and Drives	2	2	100
3	Thermal Engineering	5	2	40.00
4	Embedded Systems	3	3	100
5	VLSI Design	6	5	83.33
6	Computer Science Engineering	4	3	75.00
7	Petroleum Engineering	9	4	44.44
Total:		38	25	65.79

- b) In the Even Semester Examinations total of 4749 students appeared for the examination of UG & PG. Out of 4749, 3277 students passed the Even Semester Examinations. The overall pass percentage is 69.00.

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

Examinations Starting Date: 23-04-2018 Examination Ending Date: 04-05-2018 Results Declaration Date: 10-05-2018

S.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	107	57	53.27
2	Electrical and Electronics Engineering	85	70	82.35
3	Mechanical Engineering	176	93	52.84
4	Electronics and Communication Engineering	238	159	66.81
5	Computer Science and Engineering	187	136	72.73
6	Information Technology	61	39	63.93
7	Mining Engineering	25	12	48.00
8	Petroleum Technology	50	29	58.00
9	Agricultural Engineering	48	30	62.50
TOTAL:		977	625	63.97

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

S.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	142	77	54.23
2	Electrical and Electronics Engineering	122	65	53.28
3	Mechanical Engineering	207	78	37.68
4	Electronics and Communication Engineering	267	156	58.43
5	Computer Science and Engineering	179	109	60.89
6	Information Technology	57	40	70.18
7	Mining Engineering	75	39	52.00
8	Petroleum Technology	59	32	54.24
9	Agricultural Engineering	61	16	26.23
TOTAL:		1169	612	52.35

**B.Tech – VI Semester (2015 Admitted Batch)**

S.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	134	101	75.37
2	Electrical and Electronics Engineering	129	92	71.32
3	Mechanical Engineering	204	136	66.67
4	Electronics and Communication Engineering	276	195	70.65
5	Computer Science and Engineering	170	130	76.47
6	Information Technology	57	31	54.39
7	Mining Engineering	32	25	78.13
8	Petroleum Technology	68	51	75.00
9	Agricultural Engineering	62	38	61.29
TOTAL:		1132	799	70.58

  
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**B.Tech – VIII Semester (2014 Admitted Batch)**

S.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	147	135	91.84
2	Electrical and Electronics Engineering	126	106	84.13
3	Mechanical Engineering	221	183	82.81
4	Electronics and Communication Engineering	266	236	88.72
5	Computer Science and Engineering	181	161	88.95
6	Information Technology	41	33	80.49
7	Mining Engineering	30	24	80.00
8	Petroleum Technology	51	46	90.20
9	Agricultural Engineering	32	27	84.38
TOTAL:		1095	951	86.85

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

Examinations Starting Date: 24-04-2018 Examination Ending Date: 03-05-2018 Results Declaration Date: 12-05-2018

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Integrated MBA	24	21	87.50

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

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Integrated MBA	27	26	96.30

**MBA – II Semester (2017 Admitted Batch)**

Examinations Starting Date: 11-06-2018 Examination Ending Date: 22-06-2018 Results Declaration Date: 29-06-2018

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Business Administration	54	51	94.44

  
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**MBA – IV Semester (2016 Admitted Batch)**

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Business Administration	56	52	92.85

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

Examinations Starting Date: 11-06-2018 Examination Ending Date: 20-06-2018 Results Declaration Date: 27-06-2018

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Computer Applications	42	34	80.95

**MCA – IV Semester (2016 Admitted Batch)**

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Computer Applications	38	35	92.10

**MCA – VI Semester (2015 Admitted Batch)**

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Computer Applications	36	36	100

**M.Tech – II Semester (2017 Admitted Batch)**

Examinations Starting Date: 25-06-2018 Examination Ending Date: 06-07-2018 Results Declaration Date: 11-07-2018

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Structural Engineering	8	7	87.50
2	Power Electronics and Drives	2	2	100
3	Thermal Engineering	5	5	100
4	Embedded Systems	3	3	100
5	VLSI Design	6	5	83.33
6	Computer Science Engineering	4	3	75.00
7	Petroleum Engineering	9	8	88.89
Total:		37	35	89.19

  
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### 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.

  
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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	03	01
B.Tech	II	04	01
IMBA	I	00	00
IMBA	II	00	00
M.Tech	I	00	00
M.Tech	II	00	00
MBA	I	00	00
MBA	II	01	00
MCA	I	00	00
MCA	II	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.
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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