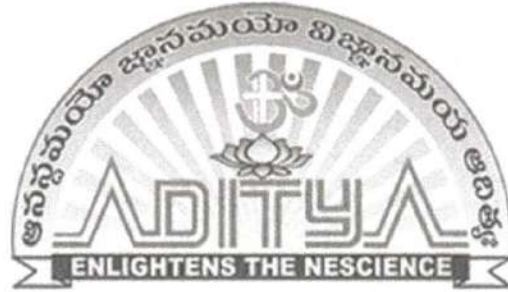


# Annual Report of Autonomous Examination (2022-23)



## ADITYA ENGINEERING COLLEGE (A)

An Autonomous Institution

Approved by AICTE, Affiliated to JNTUK, Accredited by NBA & 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 on the server.
- Request for Nomination of paper setters and issue.
- Question papers to be preserved.
- Collection of approved online examination applications from students in a prescribed format.
- Requisition for procurement of general stationery.
- Enter the examination schedule in the online system.
- Publish the examination schedule on the notice board and website.
- Preparation and circulation of exam invigilation duties list.
- Prepare a 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
- 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 and revaluation application.
- Collection of approved revaluation, and script viewing applications 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 5135 students appeared for the examination of UG & PG. Out of 5135, 3985 students passed the Odd Semester Examinations. The overall pass percentage is 77.60.

### B.Tech – I Semester (2022 Admitted Batch)

Examinations Starting Date: 14-02-2023 Examination Ending Date: 25-02-2023 Results Declaration Date: 08-03-2023

S.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	48	21	43.75
2	Electrical and Electronics Engineering	59	36	61.02
3	Mechanical Engineering	51	30	58.82
4	Electronics and Communication Engineering	261	176	67.43
5	Computer Science and Engineering	211	175	82.94
6	Information Technology	128	95	74.22
7	Mining Engineering	6	1	16.67
8	Petroleum Technology	6	4	66.67
9	Agricultural Engineering	26	11	42.31
10	AIML	198	165	83.33
11	Data Science	66	57	86.36
TOTAL:		1060	771	72.74

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

Examinations Starting Date: 19-01-2023 Examination Ending Date: 27-01-2023 Results Declaration Date: 07-02-2023

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	132	61	46.21
2	Electrical and Electronics Engineering	139	75	53.96
3	Mechanical Engineering	143	42	29.37
4	Electronics and Communication Engineering	283	185	65.37
5	Computer Science and Engineering	216	183	84.72
6	Information Technology	71	65	91.55
7	Mining Engineering	30	22	73.33
8	Petroleum Technology	20	13	65.00
9	Agricultural Engineering	59	17	28.81
10	AIML	73	62	84.93
TOTAL:		1166	725	62.18

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

Examinations Starting Date: 12-12-2022 Examination Ending Date: 23-12-2022 Results Declaration Date: 29-12-2022

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	126	95	75.40
2	Electrical and Electronics Engineering	125	97	77.60
3	Mechanical Engineering	195	133	68.21
4	Electronics and Communication Engineering	264	232	87.88
5	Computer Science and Engineering	207	194	93.72
6	Information Technology	70	66	94.29
7	Mining Engineering	48	46	95.83
8	Petroleum Technology	34	32	94.12
9	Agricultural Engineering	60	56	93.33
TOTAL:		1129	951	84.23



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

Examinations Starting Date: 14-11-2022 Examination Ending Date: 25-11-2022 Results Declaration Date: 05-12-2022

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	114	97	85.09
2	Electrical and Electronics Engineering	111	90	81.08
3	Mechanical Engineering	172	146	84.88
4	Electronics and Communication Engineering	266	240	90.23
5	Computer Science and Engineering	214	211	98.60
6	Information Technology	67	63	94.03
7	Mining Engineering	61	56	91.80
8	Petroleum Technology	55	49	89.09
9	Agricultural Engineering	67	61	91.04
TOTAL:		1127	1013	89.88

**MBA (Integrated) – I Semester (2022 Admitted Batch)**

Examinations Starting Date: 27-02-2023 Examination Ending Date: 09-03-2023 Results Declaration Date: 21-03-2023

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Integrated MBA	51	42	82.35

**MBA (Integrated) – III Semester (2021 Admitted Batch)**

Examinations Starting Date: 06-02-2023 Examination Ending Date: 15-02-2023 Results Declaration Date: 23-02-2023

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Integrated MBA	50	47	94.00

**MBA (Integrated) – V Semester (2020 Admitted Batch)**

Examinations Starting Date: 28-11-2022 Examination Ending Date: 07-12-2022 Results Declaration Date: 15-12-2022

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Integrated MBA	50	46	92.00

**MBA (Integrated) – VII Semester (2019 Admitted Batch)**

Examinations Starting Date: 26-10-2022 Examination Ending Date: 04-11-2022 Results Declaration Date: 10-11-2022

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

**MBA (Integrated) – IX Semester (2018 Admitted Batch)**

Examinations Starting Date: 17-10-2022 Examination Ending Date: 27-10-2022 Results Declaration Date: 05-11-2022

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

**MBA – I Semester (2022 Admitted Batch)**

Examinations Starting Date: 28-02-2023 Examination Ending Date: 16-03-2023 Results Declaration Date: 25-03-2023

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Business Administration	207	134	64.73

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

Examinations Starting Date: 01-03-2023 Examination Ending Date: 29-03-2023 Results Declaration Date: 10-04-2023

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Business Administration	63	62	98.41

**MCA – I Semester (2022 Admitted Batch)**

Examinations Starting Date: 28-02-2023 Examination Ending Date: 10-03-2023 Results Declaration Date: 21-03-2023

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Computer Applications	64	49	76.56

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

Examinations Starting Date: 01-02-2023 Examination Ending Date: 15-02-2023 Results Declaration Date: 24-02-2023

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Computer Applications	66	63	95.45

**M.Tech – I Semester (2022 Admitted Batch)**

Examinations Starting Date: 06-03-2023 Examination Ending Date: 15-03-2023 Results Declaration Date: 24-03-2023

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Structural Engineering	12	6	50.00
2	VLSI Design	7	5	71.43
3	Computer Science Engineering	16	8	50.00
4	Petroleum Engineering	6	6	100
Total:		41	25	60.98

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

Examinations Starting Date: 13-02-2023 Examination Ending Date: 15-02-2023 Results Declaration Date: 24-02-2023

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Structural Engineering	5	4	80.00
2	Power Electronics and Drives	3	3	100
3	Thermal Engineering	3	3	100
4	VLSI Design	5	5	100
5	Computer Science and Engineering	8	5	62.50
Total:		24	20	83.33



- b) In the Even Semester Examinations total of 5101 students appeared for the examination of UG & PG. Out of 5101, 4106 students passed the Odd Semester Examinations. The overall pass percentage is 80.49.

#### **B.Tech – II Semester (2022 Admitted Batch)**

Examinations Starting Date: 05-07-2023 Examination Ending Date: 14-07-2023 Results Declaration Date: 24-07-2023

S.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	48	12	25.00
2	Electrical and Electronics Engineering	59	31	52.54
3	Mechanical Engineering	50	17	34.00
4	Electronics and Communication Engineering	260	148	56.92
5	Computer Science and Engineering	207	159	76.81
6	Information Technology	127	84	66.14
7	Mining Engineering	6	0	0.00
8	Petroleum Technology	6	3	50.00
9	Agricultural Engineering	26	7	26.92
10	Data Science	66	57	86.36
11	Artificial Intelligence and Machine Learning	198	145	73.23
TOTAL:		<b>1053</b>	<b>663</b>	<b>62.96</b>

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

Examinations Starting Date: 13-06-2023 Examination Ending Date: 24-06-2023 Results Declaration Date: 05-07-2023

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	131	79	60.31
2	Electrical and Electronics Engineering	139	72	51.80
3	Mechanical Engineering	143	47	32.87
4	Electronics and Communication Engineering	288	219	76.04
5	Computer Science and Engineering	215	186	86.51
6	Information Technology	71	58	81.69
7	Mining Engineering	30	25	83.33
8	Petroleum Technology	20	14	70.00
9	Agricultural Engineering	59	51	86.44
10	Artificial Intelligence and Machine Learning	73	64	87.67
TOTAL:		<b>1169</b>	<b>815</b>	<b>69.72</b>

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

Examinations Starting Date: 10-06-2023 Examination Ending Date: 23-06-2023 Results Declaration Date: 05-07-2023

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	126	104	82.54
2	Electrical and Electronics Engineering	125	104	83.20
3	Mechanical Engineering	195	159	81.54
4	Electronics and Communication Engineering	265	224	84.53
5	Computer Science and Engineering	207	195	94.20
6	Information Technology	70	61	87.14
7	Mining Engineering	48	47	97.92
8	Petroleum Technology	34	29	85.29
9	Agricultural Engineering	59	56	94.92
TOTAL:		1129	979	86.71

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

Examinations Starting Date: 17-04-2023 Examination Ending Date: 28-04-2023 Results Declaration Date: 05-05-2023

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Civil Engineering	112	102	91.07
2	Electrical and Electronics Engineering	112	100	89.29
3	Mechanical Engineering	169	155	91.72
4	Electronics and Communication Engineering	265	260	98.11
5	Computer Science and Engineering	214	214	100
6	Information Technology	67	66	98.51
7	Mining Engineering	61	60	98.36
8	Petroleum Technology	55	54	98.18
9	Agricultural Engineering	67	63	94.03
TOTAL:		1122	1074	95.72

**MBA (Integrated) – II Semester (2022 Admitted Batch)**

Examinations Starting Date: 07-08-2023 Examination Ending Date: 16-08-2023 Results Declaration Date: 25-08-2023

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Integrated MBA	48	43	89.58

**MBA (Integrated) – IV Semester (2021 Admitted Batch)**

Examinations Starting Date: 17-07-2023 Examination Ending Date: 26-07-2023 Results Declaration Date: 05-08-2023

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Integrated MBA	50	46	92.00

**MBA (Integrated) – VI Semester (2020 Admitted Batch)**

Examinations Starting Date: 17-04-2023 Examination Ending Date: 24-04-2023 Results Declaration Date: 05-05-2023

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

**MBA (Integrated) – VIII Semester (2019 Admitted Batch)**

Examinations Starting Date: 03-04-2023 Examination Ending Date: 12-04-2023 Results Declaration Date: 20-04-2023

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

**MBA (Integrated) – X Semester (2018 Admitted Batch)**

Examinations Starting Date: 28-04-2023 Examination Ending Date: 28-04-2023 Results Declaration Date: 05-05-2023

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

**MBA – II Semester (2022 Admitted Batch)**

Examinations Starting Date: 07-08-2023 Examination Ending Date: 18-08-2023 Results Declaration Date: 28-08-2023

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Business Administration	208	183	87.98

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

Examinations Starting Date: 10-07-2023 Examination Ending Date: 21-07-2023 Results Declaration Date: 29-07-2023

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Business Administration	63	63	100

**MCA – II Semester (2022 Admitted Batch)**

Examinations Starting Date: 07-08-2023 Examination Ending Date: 16-08-2023 Results Declaration Date: 26-08-2023

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Computer Applications	64	59	92.19

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

Examinations Starting Date: 19-06-2023 Examination Ending Date: 19-07-2023 Results Declaration Date: 27-07-2023

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Master of Computer Applications	66	61	92.42

**M.Tech – II Semester (2022 Admitted Batch)**

Examinations Starting Date: 17-07-2023 Examination Ending Date: 24-07-2023 Results Declaration Date: 05-08-2023

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Structural Engineering	12	12	100
2	VLSI Design	7	6	85.71
3	Computer Science and Engineering	16	9	56.25
4	Petroleum Engineering	6	6	100
Total:		41	33	75.61



## **M.Tech – IV Semester (2021 Admitted Batch)**

Examinations Starting Date: 29-08-2023    Examination Ending Date: 29-08-2023    Results Declaration Date: 02-09-2023

SL.NO	BRANCH	Appeared	Passed	% of Pass Percentage
1	Thermal Engineering	1	1	100
Total:		1	1	100

### **3. Question Papers for the Semester Examination**

The Controller of Examinations (COE) collaborates with the Heads of Departments (HODs) to identify premier institutes such as NITs, State Universities, Autonomous institutes, etc. to select qualified paper setters. This ensures that the question papers are set by experienced and knowledgeable professionals in the respective fields. Six sets of question papers for each course are obtained from the respective paper setters through email, and the documents are password-protected. All six sets of question papers for each course are moderated by senior faculty members appointed by the HODs to ensure that they conform to the prescribed syllabus, replace out-of-syllabus questions with suitable ones within the syllabus, correct any data insufficiency, maintain the required standard, being free of typographical and grammatical errors, and that the marks allotted are per the directions issued and as per the model question paper supplied. After moderation and corrections, the question papers are printed and packed as per the requirement. The sealed question papers are stored in a strong room under lock and key with camera surveillance. The strong room key is available with the COE only.

Internal faculty members handled all paper settings for the sessional examinations in each subject. Once the sessional examination was notified, internal faculties submitted the question papers in the specified format.

### **4. Conduct of the Semester Examinations**

The COE issues a notification for Semester End Examinations at least 45 days before the commencement of examinations. The detailed timetable of examinations will be announced at least 30 days before the commencement of the examinations. After receiving the list of promoted students from the Principal's office, the COE will enable eligible students to pay the examination fee. The hall ticket download option will be



enabled in the student portal two or three days before the commencement of lab examinations. The COE, with the help of DCEs, identifies the examination halls as per the timetable and based on the number of candidates registered in respective courses. Invigilator requirements for all the examinations are asked to be provided by Heads of Departments. Specific instructions are issued to the invigilators from time to time in addition to the basic guidelines of invigilation. To monitor the Semester End Examinations, two/three senior faculty members are appointed as observers. If the invigilators/observer reports the involvement of any candidate in any type of unethical practices during the examination, after receiving/obtaining the report from the invigilator regarding the suspected malpractice, the candidate should be booked under suspected malpractice. The suspected malpractice cases should be forwarded to the Malpractices Enquiry Committee through proper channels. After the completion of the examination, the answer booklets are cut using a cutter and then scanned. Once scanned, the answer booklets are bundled (50 scripts per bundle) and bundle numbers and keys are generated for each bundle.

#### **5. Evaluation and Assessment**

After the completion of the examination, the answer booklets are cut using a cutter and then scanned. Once scanned, the answer booklets are bundled (50 scripts per bundle) and bundle numbers and bundle keys are generated for each bundle. For each course, a detailed scheme of evaluation written by the senior faculty member and question papers are made available in the valuers' login. The course details are sent to various reputed institutes to depute the examiners to attend the digital valuation. Upon completion of the valuation, scrutinizers will check each script to ensure that the marks are posted for all the answers written by the student. If any corrections are identified by the scrutinizer, they will be brought to the attention of the valuer.

#### **6. Result Announcement:**

After the meeting with the Results Committee, results are generated with the grafting needed for the 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	2	0
B.Tech	II	2	1
B.Tech	III	1	0
B.Tech	IV	1	0
B.Tech	V	1	0
B.Tech	VI	1	0
B.Tech	VII	2	0
B.Tech	VIII	3	2
MBA (Integrated)	I	0	0
MBA (Integrated)	II	0	0
MBA (Integrated)	III	0	0
MBA (Integrated)	IV	0	0
MBA (Integrated)	V	0	0
MBA (Integrated)	VI	0	0
MBA (Integrated)	VII	0	0
MBA (Integrated)	VIII	0	0
MBA (Integrated)	IX	0	0
MBA (Integrated)	X	0	0
M.Tech	I	0	0
M.Tech	II	0	0
M.Tech	III	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

#### 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.

  
**PRINCIPAL**  
Addya Engineering College  
SURAMPALAM-505 007

  
Controller of Examinations  
**Controller of Examinations**  
Addya Engineering College (A)  
SURAMPALAM