

ADITYA ENGINEERING COLLEGE An Autonomous Institution

Approved by AICTE • Permanently Affiliated to JNTUK • Accredited by NAAC with 'A' Grade Recognised by UGC under sections 2(f) and 12(B) of UGC Act, 1956 Aditya Nagar, ADB Road, Surampalem - 533437, Near Kakinada, E.G.Dt., Ph:99498 76662

Annual e-governance report

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ANNUAL E-GOVERNANCE REPORT: 2021-22

E-Governance in the field of the educational sector has changed the way of administration. With thedata and processes model of an educational Institution, makes the process easy, well-organized and error free. This is designed to make the system user-friendly, time saving and cost saving also. It helps in improving transparency, providing speedy information, dissemination, improving administrative efficiency and public service in all the aspects of education. The institution was successful in implementing the following services in this year.

S.NO	Name of the Service	Area of Operation			
1	CCTV surveillance	CCTV surveillance system to strengthen campus security. This facility offers a comprehensive range of solutions to secure campus infrastructure effectively.			
2	College management system(E CAP)	This Software assumes an imperative part in smoothing out the everyday participation and imprints framework. It is flexible and developed by cutting edge technology &provides an integrated platform for all the students, teachers, administration & other staffmembers .It is a web based application system &user can easily access from anywhere by login user ID & password.			
3	BET(Bees examination tool), Exam Fee Payment system, Semester Question Paper Generation And Examination Tool	The examination system introduced automation software for pre &post Examination Modules with the following Courses –curriculum-student			
4	(library)E CAP, id card generation and book lending systems	The central library is fully automated using E CAP. The library is fully integrated with RFID (Radio Frequency Identification) Technology where user can enter, search catalogue, borrow and return books can be done on his own. ID Card printing system is used to issue the ID cards to the staff & students at library with RFID integrated into it. Campus has registered itself with few popular e journals (IEEE, Springer, Science Direct, ASCE, ASME etc.,) to support the research of fand also help the students to be aware of innovation works in professional communities.			
5	Biometric attendance(E CAP software)	As a part of computerization and digitization of the activities of the Institute, Biometric system is introduced in 2015 for recording the attendance of the staff of the Institute. Accordingly, biometric instruments are installed in all departments of the Institute to enablethe staff to register their attendance by recording their finger impression in the machines			

S.NO	Name of the Service	Area of Operation		
6	Student monitoring system(E CAP)	This software plays a vital role in streamlining the day to day attendance and marks system It provides an integrated platform for all the students, teachers, admiration& other staff members. It is a web based application system and user can easily access from anywhere by login user ID & password		
7	Tally	It is a computerized system for accounts. It is used to record financial activities of the institutions. It is a multipurpose software including inventory management and accounting		
8	E Mail messenger	To ease the communication among the staff & students institution uses g mail.		
9	SMS messenger system	To communicate with parents regarding their child's attendance and other performance information institution uses a SMS service. Also it is used to circulate information among the staff and stakeholders		
10	website	Institution has a website to share the infrastructural, academicals and placement information with its stakeholders. Results shall also be uploaded to the website directly		

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PRINCIPAL
ADITYA ENGINEERING COLLEGE
SURAMPALEM - 533 437



ADITYA ENGINEERING COLLEGE (A)

Minutes of the 29th meeting of the Governing Body held on 09-07-2022

The 29th meeting of the Governing Body of Aditya Engineering College, Surampalem was held on 09-07-2022 at 10-00 AM in the Conference Hall of Aditya Engineering College, Surampalem. Dr. N. Sesha Reddy, Chairman presided over the meeting.

The following members of the Governing Body have attended the meeting.

1.	Dr. N Sesha Reddy, President, Aditya Academy, Kakinada	Chairman
2.	Dr. G Yesuratnam, Professor, Dept of CE, UCEK, JNTUK, Kakinada	Member
3.	Dr. KV Jaya Kumar, Professor, Dept of CE, NIT, Warangal	Member
4.	Dr. Yeshveer Singh Tomer, Principal (Retd.), Baraut	Member
5.	Mr. TV Rajasekhar, Principal, Government Polytechnic for Women,	
	Kakinada	Member
6.	Dr. N Satish Reddy, Vice-President, Aditya Academy, Kakinada	Member
7.	Sri NK Deepak Reddy, Joint Secretary, Aditya Academy, Kakinada	Member
8.	Smt. N Sruthi, Member, Aditya Academy, Kakinada	Member
9.	Dr. N Suguna, Member, Aditya Academy, Kakinada	Member
10	Dr. KVSR Murthy, Professor, Dept of EEE	Member
11	Mr. V Satyanarayana, Associate Professor, Dept of ECE	Member
12	Dr. M Sreenivasa Reddy, Principal, Aditya Engineering College,	Member Secretary

Agenda: 29.1. Welcome address by Chairman.

The Chairman of the Governing Body welcomed the members for the 29th meeting of the Governing Body.

Agenda: 29.2. Confirmation of minutes of 28th meeting of the Governing Body.

The Member Secretary presented the minutes of the 28th meeting of the Governing Body held on 30-10-2021.

Resolution No. AEC/GB/Res/29.2

The members unanimously resolved to confirm the minutes of the 28^{th} meeting of the Governing Body held on 30-10-2021.

Agenda: 29.3. Action Taken Report on resolutions of 28th meeting of the Governing Body.

The Member Secretary presented the Action Taken Report on the minutes of the 28th meeting of the Governing Body.

Resolution No. AEC/GB/Res/29.3

The members unanimously resolved to approve the Action Taken Report on the minutes of the 28th meeting of the Governing Body.

Agenda: 29.4.1. Ratification of minutes of 10th meeting of the Academic Council.

The Member Secretary presented the minutes of the 10th meeting of the Academic Council, held on 14-05-2022.

Resolution No. AEC/GB/Res/29.4.1

The members unanimously resolved to ratify the minutes of the 10th meeting of the Academic Council, held on 14-05-2022.

Agenda: 29.4.2. Ratification of minutes of 7th meeting of the Finance Committee.

The Member Secretary presented the minutes of the 7th meeting of the Finance Committee, held on 02-07-2022.

Resolution No. AEC/GB/Res/29.4.2

The members unanimously resolved to ratify the minutes of the 7th meeting of the Finance Committee, held on 02-07-2022.

Agenda: 29.4.3. Ratification of Budget for the year 2022-23

The Member Secretary presented the details of Budget for the year 2022-23 to the tune of Rs. 5200 lakhs as approved by the Finance Committee.

Resolution No. AEC/GB/Res/29.4.3

The members unanimously resolved to ratify the budget for the year 2022-23 to the tune of Rs. 5200 lakhs.

Agenda: 29.4.4. Ratification of Income and Expenditure for the year 2021-22

The Member Secretary presented the details of Income and Expenditure for the year 2021-22 to the tune of Rs. 4634 lakhs as approved by the Finance Committee.

Resolution No. AEC/GB/Res/29.4.4

The members unanimously resolved to ratify the Income and Expenditure for the year 2021-22 to the tune of Rs. 6097.70 lakhs as approved by the Finance Committee.

Agenda: 29.4.5. Ratification of the AR20 curriculum, approved by the Academic Council.

The Member Secretary presented the AR20 curriculum along with the salient features, approved by the Academic Council.

Discussion: The members advised to provide the list of students opted for Minor Degrees, branch wise. The Member Secretary informed that 70 students from CE, ME, EEE, Mining and PT opted for Minor degree in CSE. The members advised to train the faculty members to handle socially relevant projects and advised the faculty to go and stay in the villages to identify the problems. The members enquired about the percentage of core subjects in AR20 curriculum.

Resolution No. AEC/GB/Res/29.4.5

The members unanimously resolved to ratify AR20 curriculum, approved by the Academic Council. Agenda: 29.4.6. Ratification of the Faculty recruited and left after the previous meeting of Governing Body.

The Member Secretary presented the details of 30 Faculty members recruited and 33 Faculty members, who left the institution after the previous meeting of Governing Body.

Discussion: The Members advised to incorporate the reasons against the list of faculty who have left the Institution. The members also enquired about the faculty retention and advised to create the ambience for the faculty to work for long time.

Resolution No. AEC/GB/Res/29.4.6

The members unanimously resolved to ratify the details of 30 Faculty members recruited after the previous meeting of Governing Body.

Agenda: 29.4.7. Ratification of results of the examinations conducted after the meeting of the previous Governing Body.

The Member Secretary presented the following details of results of the examinations conducted after the meeting of the previous Governing Body.

S. No	Name of the Examination		Passed	Pass Percentage	
1.	B. Tech - VII Semester End Examinations Regular (AR17) – Jan. 2022	1105	916	82.90	
2.	B. Tech - V Semester End Examinations Regular (AR19) – Jan. 2022	1143	937	81.98	
3.	B. Tech - III Semester End Examinations Regular (AR20) – Jan. 2022	1165	796	68.33	
4.	B. Tech - I Semester End Examinations Regular (AR20) – March 2022	980	560	57.14	
5.	B. Tech - I Semester End Examinations Regular Transfer Student (AR19) - Mar 2022	1	1	100	
6.	IMBA – III Semester End Examinations Supplementary (AR17) – Feb. 2022	1	1	100	
7.	IMBA – V Semester End Examinations Regular (AR19) – January 2022	21	20	95.24	
8.°	IMBA – III Semester End Examinations Regular (AR19) - Feb. 2022		.48	94.12	
9.	MCA – III Semester End Examinations Regular (AR20) – Feb. 2022		56	93.33	
10.	M. Tech – III Semester End Examinations Regular (AR19) – Jan. 2022		68	93.15	
11.	B. Tech – VII Semester End Examinations Supplementary (AR17) – Jan 2022		22	53.66	
12.	B. Tech – VI Semester End Examinations Supplementary (AR17) – Jan. 2022		144	48.65	
13.	B. Tech – I Semester End Examinations Supplementary (AR20) – Jan 2022		124	45.93	
14.	B. Tech - V Semester End Examinations Regular Readmit (AR17) – January 2022		6	42.86	
15.	B. Tech – V Semester End Examinations Supplementary (AR17) – Jan 2022		84	35.15	
16.	B. Tech – II Semester End Examinations Supplementary (AR20) – Jan 2022	333	112	33.63	

17.	B. Tech - III Semester End Examinations Regular Readmit (AR19) – January 2022	3	1	33.33
18.	B. Tech – I Semester End Examinations Supplementary (AR19) – Mar 2022	121	37	30.58
19.	MCA – V Semester End Examinations Supplementary (AR17) – February 2022	1	1	100
20.	MCA – V Semester End Examinations Regular (AR19) – Feb. 2022	22	21	95.45
21.	MCA – III Semester End Examinations Supplementary (AR17) – February 2022	1	1	100
22.	MCA – III Semester End Examinations Supplementary (AR19) – February 2022	2	2	100
23.	B. Tech – III Semester End Examinations Supplementary (AR19) – January 2022	236	69	29.24
24.	B. Tech – IV Semester End Examinations Supplementary (AR17) – January 2022	239	62	25.94
25.	IMBA - IX Semester End Examinations Regular (AR17) - Dec 2021	21	21	100
26.	B. Tech – II Semester End Examinations Supplementary (AR19) – Jan 2022	170	44	25.88
27.	B. Tech – IV Semester End Examinations Supplementary (AR19) – January 2022	309	76	24.6
28.	B. Tech – I Semester End Examinations Supplementary (AR20) – Mar 2022		22	25.29
29.	B. Tech – III Semester End Examinations Supplementary (AR17) – January 2022	328	82	25
30.	IMBA - VII Semester End Examinations Regular (AR17) - Dec 2021	16	16	100
31.	B. Tech – II Semester End Examinations Supplementary (AR17) – Jan 2022	292	51	17.47
32.	IMBA - VII Semester End Examinations Supplementary (AR17) - Dec 2021	1	1	100
33.	B. Tech – I Semester End Examinations Supplementary (AR17) – Mar 2022		42	20.9
34.	IMBA – V Semester End Examinations Supplementary (AR17) – January 2022		3	100
35.	B. Tech – I Semester End Examinations Supplementary (AR19) – Jan 2022	1	0	0
36.	M. Tech - III & IV Semester End Examinations Regular (AR17) - July 2021 (Thermal Engineering Specialization)	3	3	100
37.	M. Tech - IV Semester End Examinations Regular (AR19) - Dec 2021	15	15	100

Discussion: The members advised to concentrate on the students who failed in 4 or more subjects. The members enquired about the details of students who have failed in single course (course wise). The members advised to engage senior faculty to teach SM, FM, Analog Communications, etc. The members advised to find the reason for failing in basic courses. The members advised to observe the teaching abilities of the faculty. The members suggested to conduct remedial classes for slow learners for one hour every day after the college hours. Also suggested to collect feedback from the students after remedial classes.

The members enquired about the examination pattern — who is the Paper Setter and who is the Evaluator. The Member Secretary informed that the paper setters and evaluators are appointed from other Institutions. The members advised to include few senior teachers also for paper setting and evaluation.

The members enquired about the time lines of supplementary examinations. The Member Secretary informed that they are conducted in 4 weeks after declaring the results of regular examination. The members appreciated the same and commented that it is a good practice.

Resolution No. AEC/GB/Res/29.4.7

The members unanimously resolved to ratify the results of the examinations conducted after the previous meeting of the Governing Body.

Agenda: 29.4.8. Ratification of award of Provisional Certificates to the students successfully graduated after the previous meeting of the Governing Body.

The Member Secretary presented the details of 53 UG and 23 PG students who have successfully graduated in the Supplementary examinations conducted after the previous meeting of the Governing Body for award of Provisional Certificates as approved by Academic Council. The Member Secretary also presented that the Provisional Certificates were awarded to 946 UG and 113 PG students, who have graduated in the regular examinations held in July / August 2021.

Resolution No. AEC/GB/Res/29.4.8

The members unanimously resolved to ratify the details of 53 UG and 23 PG students who have successfully graduated in the Supplementary examinations conducted after the previous meeting of the Governing Body for award of Provisional Certificates as approved by Academic Council.

Agenda: 29.5.1. Introduction / Reduction / Closure of New programs / specializations for the academic year 2022-23.

The Member Secretary presented that the institution got approval from AICTE for the following programs for the academic year 2022-23.

S. No	Program	Approved Intake 2021-22	Approved Intake 2022-23	Remarks
1	B. Tech CE	120	60	Reduction
2	B. Tech EEE	120	60	Reduction
3	B. Tech ME	120	60	Reduction
4	B. Tech ECE	240	240	No Change
5	B. Tech CSE	180	180	No Change
6	B. Tech IT	60	120	Increased
7	B. Tech Min. E	60	30	Reduction
8	B. Tech PT	60	30	Reduction
9	B. Tech Ag. E	60	60	No Change
10	B. Tech AIML	60	180	Increased
11	B. Tech CSE (Data Science)	0	60	Introduction
12	M.TECH - ST.E.	12	12	No change
13	M.TECH - P.E.D.	18	12	Reduction in intake
14	M.TECH - T.E.	12	12	No change

15	M.TECH - VLSID	12	12	No change
16	M.TECH - C.S.E.	12	18	Increase in intake
17	M.TECHPT	12	12	No change
18	MBA	60	240	Merger of Aditya Institute of PG Studies to AEC
19	IMBA	60	60	No Change
20	MCA	60	60	No Change

Discussion: The members suggested to convert B. Tech AIML to B. Tech CSE (AIML).

The members noted the same.

Agenda: 29.5.2. Details of the sanctioned strength and admitted candidates for the academic year 2021-22.

The Member Secretary presented the following details of sanctioned strength and admitted candidates for the academic year 2021-22.

S. No.	Program	Branch / Specialization	Intake 2021 -22	Admitted 2021–22
		CE	120	133
		EEE	120	137
		ME	120	134
		ECE	240	289
	B. Tech	CSE	180	220
1		IT	60	72
		Min. E	60	60
		PT	60	51
		Ag. E	.60	66
		AIML	60	67
	M. Tech	Structural Engineering	12	6
		Power Electronics Drives	18	6
•		Thermal Engineering	12	6
2		VLSI Design	12	8
		Computer Science Engg.	12	10
		Petroleum Engineering	12	0
3	MCA	MCA	60	66
4	Management	MBA	60	65
5	Studies	IMBA	60	54

Resolution No. AEC/GB/Res/29.5.2

The members unanimously resolved to ratify the sanctioned strength and admitted candidates for the academic year 2021-22.

Agenda: 29.5.3. Details of placements for the academic year 2021-22.

The Member Secretary presented the details of placements and informed that 966 students were placed during the academic year 2021-22.

Discussion: The members advised to encourage the students for Civil Services of UPSC / CAT / GATE examinations. The members suggested to encourage B. Tech students to pursue MBA.

The members noted the same.

Agenda: 29.6.1.1. Paper Publications

The Member Secretary presented the details of 169 Paper Publications of the faculty during the academic year 2021-22.

Discussion: The members suggested to differentiate paid and free journals and advised to discourage faculty from submitting papers to paid journals.

The members noted the same.

Agenda: 29.6.1.2. Consultancy activities

The Member Secretary presented that the institution has generated an amount of Rs. 5.78 lakhs by conducting various online examinations and consultancy activities.

Discussion: The members enquired about the equipment accredited by NABL and advised to go for NABL accreditation to "Environmental Engineering Laboratory" and provide consultancy for water quality testing.

The members noted the same.

Agenda: 29.6.1.3. Patents Published / Granted

The Member Secretary presented the details of 12 patents published by the faculty members and 2 patents granted.

The members noted the same.

Agenda: 29.6.1.4. Text Books / Chapters authored by faculty

The Member Secretary presented that 10 Text Books / Chapters were authored by the faculty.

Discussion: The members advised to insist the faculty to put college affiliation on the text book first page.

The members noted the same.

Agenda: 29.6.1.5. Publication metrics of faculty

The Member Secretary presented the publication metrics of faculty.

Discussion: The members advised to provide the link for Google scholar & Scopus for every faculty.

The members noted the same.

Agenda: 29.6.1.6. Details of Research Scholars

The Member Secretary presented that 11 faculty members were awarded Ph. D. during the academic year 2021-22 and 110 faculty members are pursuing Research as Scholars under various universities. 12 Faculty members of the institution are guiding 28 Research scholars.

Discussion: The Members advised to include the status of research scholars.

The members noted the same.

Agenda: 29.6.1.7. Proposals submitted for funding

The Member Secretary presented the details of 10 proposals submitted to various funding agencies.

Discussion: The members advised to apply for DST projects. The members informed that DST will give notifications every month and we need to constantly observe it. Dr. Jaykumar assured to share the DST notifications.

The members noted the same.

Agenda: 29.6.1.8. Incentives offered by the college to faculty.

The Member Secretary presented that incentives to the tune of Rs. 26.5 lakhs and seed money of Rs 11.68 lakhs was offered by the college to the faculty.

The members noted the same.

Agenda: 29.6.2.1. Awards and Prizes received by faculty and staff

The Member Secretary presented the details of awards and prizes received by faculty and staff.

The members noted the same.

Agenda: 29.6.2.2. Faculty invited as Speakers/Resource Persons in FDPs/Conferences etc.

The Member Secretary presented that the faculty of this institution were invited as Speakers / Resource persons in 27 FDPs / Conferences, etc.

The members noted the same.

Agenda: 29.6.2.3. Seminars / Workshops / FDPs / Training Programs attended by faculty

The Member Secretary presented that 233 Seminars / Workshops / FDPs / Training Programs were attended by the faculty.

The members noted the same.

Agenda: 29.6.2.4. Seminars / Workshops / FDPs / Training Programs organized

The Member Secretary presented that 81 Seminars / Workshops / FDPs / Training programs were organized by the institution.

The members noted the same.

Agenda: 29.6.2.5. Guest Lectures / Technical Symposium / Industrial Visits organized

The Member Secretary presented that 19 Guest Lectures / Technical Symposiums were organized by the institution during the previous semester.

The members noted the same.

Agenda: 29.6.2.6. Details of Faculty ratified during the previous academic year 2021-22.

The Member Secretary submitted that 5 Professors, 9 Associate Professors and 97 Assistant Professors, totaling to 111 faculty members were ratified by JNTUK in February / March 2022.

The members noted the same.

Agenda: 29.6.2.7. Major equipment procured during the academic year 2021-22

The Member Secretary presented that the institution procured equipment worth of Rs. 94.43 lakks during the academic year 2021-22.

Discussion: The members enquired about procurement of systems. The Member Secretary informed that complete replacement of the systems with new ones is done. Older systems were donated to Annavaram Devasthanam, Government schools and Government hospitals.

The members noted the same.

Agenda: 29.6.2.8. Library Details

The Member Secretary presented that the Library has 6689 Titles and 81,628 Volumes worth of Rs. 238 lakhs. The Library has 78 National and 60 International Journals.

Discussion: The members advised to buy good Books to the library in every branch for enhancing the knowledge of the students though they are not recommended in the syllabus book as 'Text Book' or 'Reference book'.

The members noted the same.

Agenda: 29.6.2.9. Feedback of stakeholders on curriculum.

The Member Secretary presented the details of feedback of Students, Alumni, Parents, Faculty and Employers on curriculum.

Discussion: The members enquired about the number of parents given feedback. The members also enquired about the feedback questionnaire, whether different for various stake holders. The Member Secretary informed that the feedback form is different for differen5 stakeholders.

The members noted the same.

Agenda: 29.6.3.1. Scholarships offered by college to students for the academic year 2021-22.

The Member Secretary presented that Rs. 47.7 lakhs of scholarships were offered to meritorious during the academic year 2021-22.

The members noted the same.

Agenda: 29.6.3.2. Attendance particulars of the students in the previous semester.

The Member Secretary presented that 25 students were detained during the odd semester of the academic year 2021-22.

The members noted the same.

Agenda: 29.6.3.3. Details of readmitted students in the present semester

The Member Secretary presented that 2 students were readmitted in the even semester of the academic year 2021-22.

The members noted the same.

Agenda: 29.6.3.4. Performance of students in extra-curricular / co-curricular activities

The Member Secretary presented that 37 students won prizes in extra-curricular / co-curricular activities during the academic year 2021-22.

The members noted the same.

Agenda: 29.6.3.5. Social Service activities

The Member Secretary presented that 2579 students participated in social service activities during the academic year 2021-22.

The members noted the same.

Agenda: 29.6.4.1. Details of the Grievances, Redressal, Anti ragging cases and information about the action taken by the college administration to prevent in future

The report on the Grievance redressal, anti-ragging cases and information about the action taken by the college administration to prevent ragging in future is presented.

The members noted the same.

Agenda: 29.6.4.2. Details of the cases received under Right to Information Act and information communicated to respective agencies

The Member Secretary informed that no cases were received under Right to Information Act.

The members noted the same.

Agenda: 29.6.4.3. Malpractice cases in examinations conducted during the previous semester.

The Member Secretary informed that 10 malpractice cases were reported in the examinations conducted during the previous semester.

The members noted the details.

Agenda: 29.6.4.4. Details of the payments due to the university in the form of different Fees.

The Member Secretary presented that the dues to the University were cleared up to the academic year 2018-19 as per the guidelines of the University. The College has paid Rs. 78.22 lakhs against payable amount of Rs. 184.63 lakhs for the academic year 2019-20 to 2021-22.

The members noted the same.

Agenda: 29.7.1. Any other item/s with the approval of the Chairman.

- The member secretary presented the Report on e-Governance for the academic year 2021-22 to the members.
- The members appreciated for having MoU with L&T and enquired about the courses offered by L&T to the students according to MoU. Dr Yesuratnam informed that JNTUK is also planning to make MoU with L&T and enquired the modalities of the MoU.
- The members advised to arrange more guest lectures by Industry Persons.
- Dr. Jaykumar advised to take support of Chief Incubation Officer, KLU for startup activities.
- The members advised to encourage students to participate in Hackathons.
- The members advised to make the topper of the college to plant a tree in the Campus every year.

Agenda: 29.7.2. Schedule of next Governing Body meeting.

The members unanimously proposed to conduct the next meeting of the Governing Body in September 2022.

Agenda: 28.7.3. Vote of Thanks.

Dr. KVSR Murthy, Dean (R&D) presented the Vote of thanks. The members suggested to use "Words of thanks" instead of "Vote of thanks".

MEMBER SECRETARY

Aditya Engineering College SURAMPALEM