



ADITYA ENGINEERING COLLEGE (A)

Minutes of the 7th Meeting of the Academic Council held on 31-10-2020

Item 7.1: Welcome address by the Chairman.

Dr. M. Sreenivasa Reddy, Chairman of Academic Council has welcomed all the members for the 7th Academic Council Meeting.

The Chairman informed the following achievements of the institution during the last six months.

- AEC was rated "Band B" institution (Rank 26-50) in ATAL Ranking of Institutions on Innovation Achievements (ARIIA) 2020.
- AEC has scored 4.5 out of 5 Star rating of Institution Innovation Council for promoting innovation.
- AEC was sanctioned ₹ 8.73 Lakhs under MODROBS for Advanced Communications Engineering Lab from AICTE.
- AEC was rated 10th Rank in AP and 114th Rank in India in Times Engineering, 13th Rank in AP and 198th Rank in India in India Today, 11th Rank in AP and 100th Rank in India in The Week Hans Research Survey, 1st Rank in AP and 33rd Rank in India in Academic Insights, 4th Rank in AP, 15th Rank in India in Silicon India Magazines, AAA+ in Career 360 and AAAA in Digital Learning.

The members noted the above achievements and appreciated the management for providing the best facilities to achieve the above recognitions. Academic council also advised to take measures to achieve NIRF ranking.

Item 7.2: Confirmation of minutes of 6th Academic Council meeting held on 07-03-2020.

The Member Secretary presented the minutes of 6th Academic Council meeting.

Resolution No.AEC/AC/Res/7.2

The members unanimously confirmed the minutes of the previous Academic Council meeting held on 07-03-2020.

Item 7.3: Action taken report on 6th Academic Council meeting resolutions.

The Member Secretary presented the Action Taken Report on the resolutions of the 6th Academic Council meeting.

Resolution No.AEC/AC/Res/7.3

The members unanimously approved the Action Taken Report on the previous Academic Council meeting held on 07-03-2020.

Item 7.4 (i): Ratification of the proposed

- a) AR19 B.Tech Program – IV & V semester syllabus
- b) AR20 B.Tech First Year Program structure
- c) AR20 B.Tech Program – I & II semesters syllabus
- d) AR19 M.Tech Program – III & IV semesters syllabus
- e) AR19 MCA Program - V & VI semesters syllabus.


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- f) AR20 MCA Program structure
- g) AR20 MCA Program - I & II semesters syllabus
- h) AR19 IMBA Program - V, VI & VII semesters syllabus
- i) Mathematics courses offered in the IV Semester of AR19 B.Tech, AR20 B.Tech I to IV Semesters.
- j) Physics, Chemistry and English courses offered in the I & II Semesters of AR20 B.Tech

The Member Secretary presented the Program Structure & Syllabus recommended by the Board of Studies of all the UG & PG programs.

Discussion: The members advised to enter into a MOU with partnering institutions of Virtual Labs(vlab.co.in) initiative of the Ministry of Education, Govt. of India. The members also advised to include various MOOC courses available in the SWAYAM platform of the Ministry of Education, Govt. of India to the possible extent and to follow AICTE/UGC guidelines for credit mobility. The members advised not to rename the open elective course of ECE of "Signals and Systems" as "Fundamentals of Signals and Systems".

Resolution No.AEC/AC/Res/7.4 (i)

The members unanimously approved the

- a) AR19 B.Tech Program – IV & V semester syllabus
- b) AR20 B.Tech First Year Program structure
- c) AR20 B.Tech Program – I & II semesters syllabus
- d) AR19 M.Tech Program – III & IV semesters syllabus.
- e) AR19 MCA Program - V & VI semesters syllabus.
- f) AR20 MCA Program structure
- g) AR20 MCA Program - I & II semesters syllabus
- h) AR19 IMBA Program - V, VI & VII semesters syllabus
- i) Mathematics courses offered in the IV Semester of AR19 B.Tech, AR20 B.Tech I to IV Semesters.
- j) Physics, Chemistry and English courses offered in the I & II Semesters of AR20 B.Tech

Item 7.4 (ii): Ratification of Academic Calendars for the academic year 2020-21.

The Member Secretary presented the Academic Calendars for the academic year 2020-21.

Resolution No.AEC/AC/Res/7.4 (ii)

The members unanimously approved the academic calendars for the academic year 2020-21.

The members opined that the academic calendar is dynamic and authorized the Chairman to take appropriate action on the academic calendar from time to time duly considering the situations in the present Covid-19 pandemic.

Item 7.5 (i): Discussion on the details of the placements of the outgoing students.

The Member Secretary presented the details of the placements of the outgoing students. 474 students (67.32%) were placed out of 704 eligible students in 34 Companies with a highest package of ₹ 17.4 LPA and with an average package of ₹ 3.6 LPA.


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Discussion: The members congratulated the management for inviting good number of companies with higher package. The members commented that students from few departments like PT, Ag. E and Min. E have poor placements and efforts may be taken to improve the placements by networking with industries and alumni. The members also advised to bifurcate the placements of Core Companies and software companies and also provide statistics of those opted for higher studies, start up, competitive exams like GATE, GRE, CAT, IAS etc.

Resolution No.AEC/AC/Res/7.5 (i)

The members unanimously approved the placements of the outgoing students.

Item 7.6 (i): Introduction of New Programmes for the academic year 2020-21.

The Member Secretary presented the details of New B. Voc. Programmes of

- i) Fashion Technology and Management,
- ii) Hotel Management,
- iii) Technology Aided Chip Design Centre and
- iv) Engine Testing

with an intake of 30 each sanctioned by UGC for the academic year 2020-21.

Discussion: The members suggested placing "Introduction of New Courses / branches" in discussion items instead of reporting items. The members opined that such decisions need prior approval of the Academic Council. The Chairman informed that the UGC notified the courses in September 2020 for the colleges having approval of UGC under 2(f) and hence the institution has applied and the UGC accorded sanction. Since the approval of curriculum by the academic council for the above new programmes are necessary before submitting the application to UGC, it is advised to provide by email circulation to all council members, the following details in respect of all the UGC approved vocational programmes:

1. Curriculum indicating multiple exit options (Diploma at level 5, Advanced Diploma at level 6 and Bachelor degree at Level 7 each with separate credits of 40 % maximum for general education and remaining 60 % for skill education as per UGC norms). Please note that UGC while notifying its guidelines for offering B.Voc programmes did not recommend to offer a B.Voc in Engine Testing etc., it is left to the institute to frame curriculum based on the market requirements, availability of labs & equipment's, industry partnerships and faculty. Alternatively, institute may offer diploma or advanced Diploma programmes in such areas like engine testing for the automobile skill sector.
2. Faculty members identified, (Assoc. Professor and two Asst. professors)
3. Industry partners identified and MoUs signed
4. Skill standards and assessment criteria approved by the respective skill sector.

Above details may be sent by email to all council members for their perusal and approval.

Resolution No.AEC/AC/Res/7.6 (i)

The members unanimously approved the introduction of four new B. Voc. Courses.

Item 7.6 (ii): Closure/reduction in intake of M.Tech Programmes/ specializations.

The Member Secretary presented the details of reduction in intake/closure of M. Tech. Specializations.

Reduction in Intake of Specializations


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- | | |
|-------------------------------|-------------|
| a) VLSI Design | (36 to 18), |
| b) Thermal Engineering | (24 to 18), |
| c) CSE | (36 to 18), |
| d) Power Electronics & Drives | (18 to 09) |

Closure of Specializations

- a) Embedded Systems and
- b) Software Engineering.

Resolution No.AEC/AC/Res/7.6 (ii)

The members noted and ratified the details of closure / reduction in intake of M. Tech. specializations.

Item 7.6 (iii): Attendance particulars of the students in the previous semester (shortage, condonation and detention details).

The Member Secretary presented the details of 28 students, who were detained in the even semesters of the academic year 2019-20.

Discussion: The members enquired about the consideration of attendance of students during Covid-19 situations. The Chairman informed that as per the JNTUK guidelines 100% attendance was considered for online classes and actual attendance for offline classes.

Resolution No.AEC/AC/Res/7.6 (iii)

The members noted and ratified the attendance particulars of the even semesters of the academic year 2019-20.

Item 7.6 (iv): Details of readmitted students in the present semester.

The Member Secretary presented the details of 23 readmitted students in the odd semesters of the academic year 2020-21.

Resolution No.AEC/AC/Res/7.6 (iv)

The members noted and ratified the details of readmitted students in the odd semesters of the academic year 2020-21.

Item 7.6 (v): Activities of R&D Cell.

The Member Secretary presented the following details of activities of R&D Cell.

1. The Faculty members have published papers in 84 Journals, out of which 20 in SCI Journals, 33 in Scopus indexed Journals and 31 in UGC Journals. The Faculty members also presented 43 papers in Conferences.
2. The Faculty members have five consultancy activities worth of ₹ 113.9 lakhs. The institution has also generated internal revenue of ₹ 2 lakhs by conducting various online examinations.
3. The Faculty members have filed 10 patents in the last six months.
4. The Faculty members have authored two Text Books and four Chapters.


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The Member Secretary also proposed the following new incentive policy of the institution.

1. Publication in International Journals:
₹ 10,000/- to ₹ 25,000/- depending upon IF or H-Index,
₹ 2,000/- for UGC Journals and ₹ 10,000/- for Scopus indexed Journals.
2. Up to ₹ 20,000/- for Scopus Indexed International Conferences,
₹ 4,000/- for National Conferences.
3. ₹ 20,000/- for Publication of Text Book of International Edition
₹ 10,000/- for Indian Edition.
4. ₹ 30,000/- for US Patent
₹ 10,000/- each for filing a National Patent and National Awarded.
5. 5% to 15% of Sanctioned Amount for Funded grants / projects
₹ 25,000/- and ₹ 20,000/- for MODROBS for more than and less than ₹ 5 lakhs respectively.

Resolution No.AEC/AC/Res/7.6 (v)

The members noted the activities of R&D and congratulated the faculty members for their R&D achievements and also appreciated the management for providing good incentives for research activities.

Item 7.6 (vi): Seminars / Workshops / FDPs / Training Programmes attended by faculty

The Member Secretary informed that the faculty members have attended 472 Seminars / Workshops / FDPs / Training Programmes during the semester.

Resolution No.AEC/AC/Res/7.6 (vi)

The members noted the details of Seminars / Workshops / FDPs / Training Programmes attended by the faculty.

Item 7.6 (vii): Seminars / Workshops / FDPs / Training Programmes organized by the Departments

The Member Secretary informed that 26 Seminars / Workshops / FDPs / Training Programmes were organized by the departments.

Resolution No.AEC/AC/Res/7.6 (vii)

The members noted the details of Seminars / Workshops / FDPs / Training Programmes organized by the departments.

Item 7.6 (viii): Online Courses completed by students & faculty.

The Member Secretary informed that 1135 NPTEL Courses and 2610 other online courses were successfully completed by the students and 93 NPTEL Courses and 382 other online courses were successfully completed by the faculty members.

Resolution No.AEC/AC/Res/7.6 (viii)


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The members appreciated the students and faculty members for successfully completing good number of NPTEL and other online courses. The members noted the details.

Item 7.6 (ix): Details of staff who joined/left the institution from the date of previous meeting.

The Member Secretary informed that 30 Faculty members have left the institution during the semester and recruitment of faculty is in progress.

Discussion: The members enquired the reasons for leaving the institution and the Chairman informed that due to Covid-19 pandemic some of the faculty members went to their native locations and three faculty members were selected to IIT-Roorkee and NIT-AP.

Resolution No.AEC/AC/Res/7.6 (ix)

The members appreciated on knowing three faculty members were selected to IIT and NIT and noted the particulars of staff who left the institution.

Item 7.6 (x): Academic activities carried out during and post COVID.

The Member Secretary presented the details of academic activities carried out during Covid-19

- a) The left-over syllabus was completed in April.
- b) During May to July the students were encouraged to undergo Online Internships, Coursera Courses, NPTEL and Skill up gradation courses.
- c) CRT Classes and practice tests were also conducted for 3 hours a day. 27 students for Capgemini and 89 students for DXC were selected in Online Campus drives during the Covid-19.
- d) From August the online classes for odd semesters were started.

Resolution No.AEC/AC/Res/7.6 (x)

The members appreciated for conducting online activities to students during Covid-19 and noted the same.

Item 7.6 (xi): Courses having focus on employability/ entrepreneurship/ skill development

The Member Secretary presented the details of courses having focus on employability/ entrepreneurship/ skill development in all programs.

Resolution No.AEC/AC/Res/7.6 (xi)

The members noted the same.

Item 7.6 (xii): New courses offered in AR20 B.Tech & AR20 MCA Programs

The Member Secretary presented the details of 14.08 % of new courses offered in the academic year 2020-21.

Resolution No.AEC/AC/Res/7.6 (xii)

The members noted the same.


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Item 7.6 (xiii): Programs of AR20 B.Tech & MCA in which Choice Based Credit System(CBCS)/elective course system is being implemented

The Member Secretary presented the details of Choice Based Credit System(CBCS)/elective course system being implemented in AR20 B.Tech and MCA programs.

Resolution No.AEC/AC/Res/7.6 (xiii)

The members noted the same.

Item 7.6 (xiv): Value-added courses to be offered for students of all programs

The Member Secretary presented the list of Value-added courses identified to be offered for students of all programs in the academic year 2020-21.

Resolution No.AEC/AC/Res/7.6 (xiv)

The members noted the same.

Item 7.6 (xv): Percentage of syllabus revision done in all the programs

The Member Secretary presented the Percentage of syllabus revision done in all the programs.

Resolution No.AEC/AC/Res/7.6 (xv)

The members noted the same.

Item 7.6 (xvi): Percentage of students undertaking field projects/ internships / student projects

The Member Secretary presented that an average of 75% of students have undertaken field projects / internships / student projects during the previous year.

Resolution No.AEC/AC/Res/7.6 (xvi)

The members noted the same.

Item 7.6 (xvii): Average Course Feedback and Action Taken Report.

The Member Secretary presented that 79.84 % is the average course feedback for the academic year 2019-20.

Resolution No.AEC/AC/Res/7.6 (xvii)

The members noted the same.

Item 7.6 (xviii): Feedback for design and review of syllabus obtained from stakeholders

The Member Secretary presented the Action Taken Report on the feedback on curriculum obtained from stakeholders – Students, Teachers, Employers and Alumni

Resolution No.AEC/AC/Res/7.6 (xviii)

(Signature) of
Dean (Academics)
Aditya Engineering College (A)
Surampalem


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The members noted the same.

Item 7.7(i): Other items

- The members advised to plan the lectures by Industry experts for the industry related topics/courses.
- The members advised to update the Website with research activities taking place in the institution.
- The members advised to prepare Annual Report of the institution.

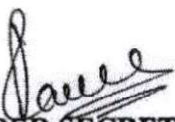
Item 7.7 (ii): Schedule of next Academic Council meeting

The members unanimously approved to conduct the next Academic Council meeting tentatively in May 2021.

Item 7.7 (iii): Vote of Thanks

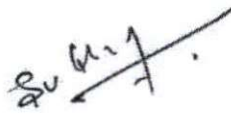
The Dean (R&D) Dr. KVSR Murthy thanked all the members for attending the meeting and for giving valuable suggestions for the development of the institution.

Since there were no other issues to discuss, the Chairman concluded the meeting with thanks.


MEMBER SECRETARY

Dean (Academics)
Aditya Engineering College (A)
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