



An Autonomous Institute
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DEPARTMENT OF AERONAUTICAL ENGINEERING

DAC Meeting on 22.02.2024

The Department of Aeronautical Engineering of MVJ College of Engineering conducted Department Advisory Committee (DAC) meeting on 22nd February 2025.

HoD welcomed the DAC members. The meeting started at 10.00 AM at the Department room No.141.

The following members Comprised the Committee.

Convener : Prof. S. C. Gupta

Co Convener : Dr. P. Suresh, Associate Professor

Dean (Academics)

Dr Shrinivas L Gombi

Support Department faculty Members:

Dr. K Arun Kumar, HOD, Department of Mechanical Engineering.

Dr. C Pradeep, HOD, Department of Mathematics.

Academic Member:

Dr. Promio Charles F, Associate Professor, Department of Aerospace Engineering
R V College of Engineering, Bangalore.

Professional Body Member:

Shri. R. Arunachalam, Vice-chairman, The Aeronautical Society of India, Bangalore Branch.

Employer/Industry Member:

Mr. Nagalingeshwara V, Technical Lead, Quest Global, Bangalore.

Alumni Member:

Mr K T Vikas, NAL, Bangalore

Faculty Members: -

Sl. No.	NAME OF THE FACULTY	DESIGNATION
1	Dr. Vinu M Kuriakose	HOD I/C
2	Prof. S C Gupta	Professor
3	Dr. P. Suresh	Associate Professor
4	Dr. R. Vijayakumar	Assistant Professor
5	Mr. Irfan Khan	Assistant Professor
6	Mr. B. Gopinath	Assistant Professor
7	Mr. S. Kalyan Yadav	Assistant Professor
8	Dr. S. Kasirajan	Assistant Professor
9	Dr. A. Senthamil Selvi	Assistant Professor
10	Dr. Krishna Anand V G	Assistant Professor

Meeting started at 10:00AM, Prof Gupta welcomed the gathering and started the meeting with the introduction of DAC members. He said that two external members, namely Mr. K T Vikas and Dr. Promio Charles could not participate due to their sudden personal exigencies.

Prof. Gupta presented the highlights of the previous DAC meeting. He explained the compliance of points brought out by DAC members in the previous meeting and highlighted the agenda for the present meeting as below:

1. To discuss 2022 Scheme and Syllabus for higher semesters, and Curriculum alignment with Industry Needs.
2. Performance of 2024 passed out Aeronautical Engineering students (2nd Autonomous Batch).
3. Events conducted in the Year 2024.
4. Students` Competitions.
5. Publications/Conferences.
6. Internships/Projects/Sponsored research.

Prof. Gupta mentioned that the file containing 2022 scheme and syllabus for higher semesters has been sent to DAC members and their views are requested that will help in framing the next scheme and syllabus. It was also said that this scheme and syllabus has been approved by External BOS members and has also been reviewed by an expert review committee. It was further said that the following comprised of external BOS committee.

Dr N Balakrishnan, IISC
Dr D Sivakumar, IISc
Dr G K Suryanarayana, DSU
Mr K T Vikas, NAL
Mr Hero Hemaraj, GE

The changes in the 2022 scheme in comparison to 2021 scheme were presented and the need for that was explained. The requirement to have project-based courses was also explained and that was appreciated by the DAC members. The following differences between 2021 and 2022 scheme were highlighted

`Emerging technology courses, Programming language courses, Skill/Ability enhancement courses, Integrated courses, Integrated courses, Experiential Learning, Project-Based Learning, Open electives, Online courses, BSC like Biology for Engineers`.

Dr. Manikandan mentioned that NBA pointed out the need to bring out curriculum coverage in PSOs. Dr. Vinu M Kuriakose said that NBA team members suggested to include course names in the program specific outcomes. Shri. Arunachalam said that the discipline of the course for design and development of products can be mentioned in PSO 2.



Photo 1: Prof. S C Gupta presenting Agenda at the DAC meeting



Photo 2: DAC members discussing during presentation



Photo 3: DAC members discussing during presentation



Photo 4: Shri. Arunachalam discussing during presentation



Photo 5: Mr. Nagalingeshwara discussing during presentation

Further to this Mr. Nagalingeshwara said that an exclusive course on UAVs can be considered as a core subject in higher semesters since currently there is extensive usage of UAVs. Prof Gupta said that this will be added depending upon the availability of slot in the course curriculum.

Shri Arunachalam mentioned that some resource person from Aeronautical Development Establishment (ADE) may be contacted for this purpose. He further asked whether the Project based course, namely Fundamental of structures, covers adequately the contents to do the project-based learning. It was clarified that the syllabus of this course of 2021 scheme has been changed in 2022 scheme to give larger aspects of structures. Prof Gupta said that Dean (Academics) has issued guidelines for conduct and evaluation of project-based courses.

Dr Shrinivas L Gombi stressed that we should introduce two courses based on AI application in aeronautical discipline. It was acknowledged that for the next scheme of 2026 it shall be taken into consideration for implementation. Prof Gupta said that slots for main courses are getting limited.

Shri. Arunachalam said that the features of PSO-1 i.e., DGCA/FAR/MIL/JAR/DEF STD Regulatory norms should be covered in the Aircraft Design course. Prof Gupta acknowledged to do it.

Shri Arunachalam and Mr. Nagalingeshwara praised the department for securing NBA accreditation for a three-year period.

Finally, a vote of thanks was delivered by Dr.P. Suresh. He thanked the external DAC members and Dean (Academics) and others present for their valuable suggestions.

Coordinator

HOD

Dean-Academics

Principal