



# PAAVAI ENGINEERING COLLEGE

(Autonomous Institution)

(Approved by AICTE and Affiliated to Anna University)

(Accredited by National Board of Accreditation, New Delhi & NAAC (UGC) with 'A' Grade)

Paavai Nagar, NH - 7, PACHAL, NAMAKKAL - 637 018. Tamil Nadu

04286-243038, 58,88 & 98 Fax: 04286-243068 Email: pecprincipal@paavai.edu.in website: http://pec.paavai.edu.in

## RESEARCH ADVISORY COMMITTEE

Date: 16.07.2015

The college has planned to form the Research Advisory Committee with well experienced eminent industry persons and faculty members. Therefore, the Research Advisory Committee is constituted with the following members.

S.No	Members	Designation
1.	Dr.K.K.Ramasamy Director – Admin, Paavai Institutions	Chairman
2.	Dr. N. Alagumurthi , Professor, Pondicherry Engineering College, India	Advisor
3.	Mr.S.Senthil Kumar, Advisor – NSIC,CEO, Orbit Controls & Solutions Ltd.,Chennai	Advisor
4.	Mr.R.Sundaram, Founder Aeropark, Salem	Advisor
5.	Dr.M.Premkumar, Principal, PEC	Chairman / R&D
6.	Dr.B.Murali Babu, Head / EEE	Member
7.	Dr.A.Suphalakshmi, Head / CSE	Member
8.	Dr.R.Arangasamy, Head / ECE	Member

Functions and Responsibilities:

- To promote research among the staff.
- To circulate information regarding research programme.
- Provide advice and support on the commissioning and implementation of research and evaluations.
- Advise on changes to, or expansion of research and evaluations if the need arises.
- Discuss and create new goals as required given changing conditions, completion of tasks, and new information from research reviews.
- Monitor progress on achieving goals.
- To provide advice and support on funding/non-funding project proposal submission.



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Copy to:-

All Members of Research Advisory Committee.  
All Members of Research and Development Committee.



**PAAVAI ENGINEERING COLLEGE, Namakkal -637018**  
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**Proceedings of Research Advisory Committee (RAC)**

The research advisory committee (RAC) along with research committee members assembled at Smart Hall by 01.30 PM on 20.03.2020 to discuss the research related activities of the college. The following members are present during the meeting.

S.No	Members	Designation
1.	Dr.K.K.Ramasamy Director – Admin, Paavai Institutions	Chairman
2.	Dr. N. Alagumurthi , Professor, Pondicherry Engineering College, India	Advisor
3.	Dr. U.Chandrasekhar, Program Director -AddWize at Wipro 3D, Karnataka, India.	Advisor
4.	Dr. C.Govindaraju, Associate Professor (CAS), GCE, Salem.	Advisor
5.	Dr. G.Arun Kumar, Associate Professor, School of Electrical Engineering, VIT, Vellore, India	Advisor
6.	Dr.B.Anand, Professor ,Department of EIE, Hindusthan College of Engineering and Technology, Coimbatore	Advisor
7.	Mr.S.Senthil Kumar, Advisor – NSIC,CEO, Orbit Controls & Solutions Ltd.,Chennai	Advisor
8.	Mr.R.Sundaram, Founder Aeropark, Salem	Advisor
9.	Dr. K. Gopalakrishnan, Dean (R&D), New Horizon College of Engineering (NHCE), Bangalore.	Advisor
10.	Dr.N.Sivakumar, Assistant Professor, Thiagarajar College of Engineering	Advisor
11.	Dr.M.Premkumar, Principal, PEC	Chairman / R&D
12.	Dr.R.Arravind, Head/Aero	Member
13.	Dr.V.Subburam, Prof/Agri	Member
14.	Dr.G.Balaji, Head / EEE	Member
15.	Dr.A.Suphalakshmi, Head / CSE	Member
16.	Dr.S.Vijayakumar, Prof / ECE	Member
17.	Dr.K.Sundara Murthy, Prof/Mechanical	Member
18.	Dr.D.R.P.Rajaratnam, Head/Mechatronics	Member
19.	Dr.T.Arun kumar, Head / Bio Medical	Member
20.	Dr.P.Chitra, Prof/Medical Electronics	Member
21.	Dr.G.Madasamyraja,, Prof/IT	Member
22.	Dr.G.Srinivasan, Head/Chemical	Member
23.	Dr.R.N.Padma, ASP/MBA	Member
24.	Dr.R.Shanthi, Head/English	Member
25.	Dr.S.Vadivel, Head / Physics	Member
26.	Dr.G.Raja, Head / Chemistry	Member
27.	Dr.B.Kishokkumar, Prof/Maths	Member



Dr.M.Premkumar, Principal of Paavai Engineering College, greeted the chairman and RAC members. He provided an overview of the institute's research accomplishments, research development programmes, incubation services, and internal income creation over the previous year. The development of the institute's research operations is also highlighted.

Faculty members have published their articles in Scopus journals. There was a prolonged deliberation about the status of each advisor's research work on the institute's research development, incubation, and consultancy projects. The group members discussed on the work that was being done and provided significant comments and ideas for future study.

### **Recommendation of RAC**

- Motivated the students to enhance research by attending workshops, seminars in various domains.
- To encourage and inculcate research and innovative projects.
- Provide the support to the students to do product based projects.
- Instructed to publish the innovative project ideas filed in Patent publication.
- Submit proposal for seminar, workshop and conferences from various funding agencies like DRDO, TNSCST, CSIR, etc.
- Advised the faculty to make interaction with international level academician to enhance the research work and improve the publication quality.
- Motivated to submit proposal for project proposal related with recent research domains.
- Instructed the faculty members to support the student to publish research articles.
- Seed money utilization is need to be improve.

The following points discussed on action taken of the recommendation of RAC for 2018-19:

- The different research ideas were collected from the project expo for funding proposals.
- The seed money is utilized for the completion of a research project.
- Patents have been registered in different areas.
- The seminars are organized for interaction with the industry experts.
- The international conference was organized for research idea-sharing.
- Periodically monitor the status of the proposal submitted through the websites of funding agencies and their Email.
- Guest lectures are organized to improve the research activities.



  
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**Proceedings of Research Advisory Committee (RAC)**

The research advisory committee (RAC) along with research committee members assembled at Smart Hall by 02.00 PM on 22.03.2019 to discuss the research related activities of the college. The following members are present during the meeting.

S.No	Members	Designation
1.	Dr.K.K.Ramasamy Director – Admin, Paavai Institutions	Chairman
2.	Dr. N. Alagumurthi , Professor, Pondicherry Engineering College, India	Advisor
3.	Dr. U.Chandrasekhar, Program Director -AddWize at Wipro 3D, Karnataka, India.	Advisor
4.	Dr. C.Govindaraju, Associate Professor (CAS), GCF, Salem.	Advisor
5.	Dr. G.Arun Kumar, Associate Professor, School of Electrical Engineering, VIT, Vellore, India	Advisor
6.	Dr.B.Anand, Professor ,Department of EIE, Hindusthan College of Enginneering and Technology, Coimbatore	Advisor
7.	Mr.S.Senthil Kumar, Advisor – NSIC,CEO, Orbit Controls & Solutions Ltd.,Chennai	Advisor
8.	Mr.R.Sundaram, Founder Aeropark, Salem	Advisor
9.	Dr. K. Gopalakrishnan, Dean (R&D), New Horizon College of Engineering (NHCE), Bangalore.	Advisor
10.	Dr.N.Sivakumar, Assistant Professor, Thiagarajar College of Engineering	Advisor
11.	Dr.M.Premkumar, Principal, PEC	Chairman / R&D
12.	Dr.R.Jagannathan, Prof/Agri	Member
13.	Dr.S.Sukumar, Prof/Civil	Member
14.	Dr.G.Balaji, Head / EEE	Member
15.	Dr.A.Suphalakshmi, Head / CSE	Member
16.	Dr.R.Arangasamy, Head / ECE	Member
17.	Dr.K.Sundara Murthy, Prof/Mechanical	Member
18.	Dr.D.R.P.Rajaratnam, Head/Mechatronics	Member
19.	Dr.S.Lavanya, Prof/IT	Member
20.	Dr.R.N.Padma, ASP/MBA	Member
21.	Dr.R.Shanthi, Head/English	Member
22.	Dr.S.Vadivelu, Head / Physics	Member
23.	Dr.G.Raja, Head / Chemistry	Member
24.	Dr.B.Kishokkumar, Prof/Maths	Member



Dr.M.Premkumar, Principal, Paavai Engineering College, welcomed the chairman and members of RAC. He presented the glimpse of the research achievements, research development programmes organized, incubation service facilitated and the internal revenue generation made by the institute for the past one year. The progress of research activities carried out in the institute is also discussed.

The extensive discussion took place on the progress of research work carried out by each advisor on the research development, incubation and consultancy works undertaken by the institute. The committee deliberated on the work being done and provides valuable inputs and directions for future course of research. The following points are recommended:

- Motivated the faculty members to submit the funding proposals.
- Advised to conduct research proposal idea submission.
- Utilize the seed money in proper way to complete the research project.
- Advised to do industrial collaborative projects.
- Motivated to publish the innovative project ideas in as Patent.
- Instructed to appreciate to the faculty member's research achievements.
- Advised to make interaction with the industries for consultancy work.
- Conduct international level conference for research idea sharing.
- Instructed to track the status of the proposal submitted.
- Guidance given to overall improve of the research activities.
- Advised to improve the funding strength of the consultancy work with the industries.
- Faculty members are instructed to motivate the students to publish article in Scopus journals.

The following points discussed on action taken of the recommendation of RAC for 2017-18:

- Organized interaction programs and sessions for research scholars.
- The proposals submitted for the seminar, workshop, and conferences to various funding agencies like DRDO, TNSCST, CSIR, etc.
- The MoU has been signed with core companies.
- Organized methodology workshops for the budding researchers from the students and faculty members.



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**Proceedings of Research Advisory Committee (RAC)**

The research advisory committee (RAC) along with research committee members assembled at Smart Hall by 10.00 AM on 29.03.2018 to discuss the research related activities of the college. The following members are present during the meeting.

S.No	Members	Designation
1.	Dr.K.K.Ramasamy Director – Admin, Paavai Institutions	Chairman
2.	Dr. N. Alagumurthi , Professor, Pondicherry Engineering College, India	Advisor
3.	Dr. U.Chandrasekhar, Program Director -AddWize at Wipro 3D, Karnataka, India.	Advisor
4.	Dr. C.Govindaraju, Associate Professor (CAS), GCE, Salem.	Advisor
5.	Dr. G.Arun Kumar, Associate Professor, School of Electrical Engineering, VIT, Vellore, India	Advisor
6.	Dr.B.Anand, Professor ,Department of EIE, Hindusthan College of Engineering and Technology, Coimbatore	Advisor
7.	Mr.S.Senthil Kumar, Advisor – NSIC,CEO, Orbit Controls & Solutions Ltd.,Chennai	Advisor
8.	Mr.R.Sundaram, Founder Aeropark, Salem	Advisor
9.	Dr. K. Gopalakrishnan, Dean (R&D), New Horizon College of Engineering (NHCE), Bangalore.	Advisor
10.	Dr.N.Sivakumar, Assistant Professor, Thiagarajar College of Engineering	Advisor
11.	Dr.M.Premkumar, Principal, PEC	Chairman / R&D
12.	Dr.R.Jagannathan, Prof/Agri	Member
13.	Dr.S.Sukumar, Prof/Civil	Member
14.	Dr.G.Balaji, Head / EEE	Member
15.	Dr.A.Suphalakshmi, Head / CSE	Member
16.	Dr.R.Arangasamy, Head / ECE	Member
17.	Dr.K.Sundara Murthy, Prof/Mechanical	Member
18.	Dr.S.Lavanya, Prof/IT	Member
19.	Dr.R.N.Padma, ASP/MBA	Member
20.	Dr.R.Shanthi, Head/English	Member
21.	Dr.S.Vadivel, Head / Physics	Member
22.	Dr.G.Raja, Head / Chemistry	Member
23.	Dr.B.Kishokkumar, Head/Maths	Member



Dr.M.Premkumar, Principal, Paavai Engineering College, welcomed the chairman and members of RAC. In his presentation detailed report on the last academic year professional achievements, research development programmes organized, various revenue generations in the past academic year. The advancement of research activities carried out in the institute is also discussed.

A brief discussion during the meeting includes research development, institute's research development, incubation, funded projects and consultancy projects. The committee discussed the work that was being done and provided valuable feedback and recommendations for future research. The following points are recommended:

- Organize interaction program and sessions for research scholars.
- Submit proposal for seminar, workshop and conferences from various funding agencies like DRDO, TNSCST, CSIR, etc.
- Instruct the departments to make MoU with high resourced companies.
- Motivated the research scholars to complete the Ph.D program within the stipulated period.
- Organize methodology workshops for the budding researchers from the students and faculty members.
- Motivated the faculty members to interact with industrial peoples to enhance the research activities.
- Instructed to organize the project expo among the national level.
- Plan to division of work amongst smaller groups.

The following points discussed on action taken of the recommendation of RAC for 2016-17:

- The faculty members and students utilized the digital library search engine in effectively.
- The faculty members have utilized the fund for their research projects.
- The various knowledge-enhanced programs are organized for promoting departments.
- Faculty members have utilized the seed money for their research activities.
- CSE, ECE, EEE, MECH departments are NBA accredited.



  
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**Proceedings of Research Advisory Committee (RAC)**

The research advisory committee (RAC) along with research committee members assembled at Smart Hall by 11.30 AM on 24.03.2017 to discuss the research related activities of the college. The following members are present during the meeting.

S.No	Members	Designation
1.	Dr.K.K.Ramasamy Director – Admin, Paavai Institutions	Chairman
2.	Dr. N. Alagumurthi , Professor, Pondicherry Engineering College, India	Advisor
3.	Dr. U.Chandrasekhar, Program Director -AddWize at Wipro 3D, Karnataka, India.	Advisor
4.	Dr. C.Govindaraju, Associate Professor (CAS), GCE, Salem	Advisor
5.	Dr. G.Arun Kumar, Associate Professor, School of Electrical Engineering, VIT, Vellore, India	Advisor
6.	Dr.B.Anand, Professor, Department of EIE, Hindusthan College of Engineering and Technology, Coimbatore	Advisor
7.	Mr.S.Senthil Kumar, Advisor – NSIC,CEO, Orbit Controls & Solutions Ltd.,Chennai	Advisor
8.	Mr.R.Sundaram, Founder Aeropark, Salem	Advisor
9.	Dr. K. Gopalakrishnan, Dean (R&D), New Horizon College of Engineering (NHCE), Bangalore.	Advisor
10.	Dr.N.Sivakumar, Assistant Professor, Thiagarajar College of Engineering	Advisor
11.	Dr.M.Premkumar, Principal, PEC	Chairman / R&D
12.	Dr.S.Sukumar, Prof/Civil	Member
13.	Dr.G.Balaji, Head / EEE	Member
14.	Dr.A.Suphalakshmi, Head / CSE	Member
15.	Dr.R.Arangasamy, Head / ECE	Member
16.	Dr.S.Lavanya, Prof/IT	Member
17.	Dr.R.N.Padma, ASP/MBA	Member
18.	Dr.R.Shanthi, Head/English	Member
19.	Dr.S.Vadivel, Head / Physics	Member
20.	Dr.G.Raja, Head / Chemistry	Member
21.	Dr.P.Jayakumar, Prof/Maths	Member
22.	Dr.S.Sukumar, Prof/Civil	Member



Dr.M.Premkumar, Principal, Paavai Engineering College, welcomed the chairman and members of RAC. He reported the last academic year research achievements, research development programmes organized, incubation service facilitated and the internal revenue generation made. The advancement of research activities carried out in the institute is also discussed.

A detailed discussion ensued regarding the status of each advisor's research on the institute's research development, incubation, and consultancy projects. The committee discussed the work that was being done and provided valuable feedback and recommendations for future research. The following points are recommended:

- Share resources, equipment and lab facilities.
- Exchange the faculty across the institution.
- Motivated to develop writing skills to publish research article in reputed journal.
- Instruct the faculty members to publish research article in reputed journals only.
- Instructed the faculty members and students to utilize the digital library search engine effectively.
- Instructed the every department to develop R & D Centre.
- Motivated the faculty members to utilize the fund for research project.
- To promote the departments to apply and conduct various knowledge enhance program.
- Faculty members are instructed to utilize the seed money for the research activities.
- Recommended the entire department to go for accreditations.

The following points discussed on action taken of the recommendation of RAC for 2015-16:

- Participated in reputed conferences and workshops to enrich the research idea.
- Students have participated in the project expo and workshops.
- The faculty members registered Ph.D. program.
- The faculty members published their articles in reputed research articles.
- The students used both physical libraries and digital libraries for their research work effectively.



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**Proceedings of Research Advisory Committee (RAC)**

The research advisory committee (RAC) along with research committee members assembled at Smart Hall by 10.30 AM on 21.03.2016 to discuss the research related activities of the college. The following members are present during the meeting.

S.No	Members	Designation
1.	Dr.K.K.Ramasamy Director – Admin, Paavai Institutions	Chairman
2.	Dr. N. Alagumurthi , Professor, Pondicherry Engineering College, India	Advisor
3.	Dr. U.Chandrasekhar, Program Director -AddWize at Wipro 3D, Karnataka, India.	Advisor
4.	Dr. C.Govindaraju, Associate Professor (CAS), GCE, Salem.	Advisor
5.	Dr. G.Arun Kumar, Associate Professor, School of Electrical Engineering, VIT, Vellore, India	Advisor
6.	Dr.B.Anand, Professor ,Department of EIE, Hindusthan College of Engineering and Technology, Coimbatore	Advisor
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9.	Dr K Gopalakrishnan, Dean (R&D), New Horizon College of Engineering (NHCE), Bangalore.	Advisor
10.	Dr.N.Sivakumar, Assistant Professor, Thiagarajar College of Engineering	Advisor
11.	Dr.M.Premkumar, Principal, PEC	Chairman / R&D
12.	Dr.G.S.Venkatasubramani, Prof/Civil	Member
13.	Dr.B.Murali Babu, Head / EEE	Member
14.	Dr.A.Suphalakshmi, Head / CSE	Member
15.	Dr.R.Arangasamy, Head / ECE	Member
16.	Dr.B.Adhinarayanan, Head/MBA	Member
17.	Dr.S.Pradeep Gnanam, Prof/MCA	Member
18.	Dr.R.Shanthi, Head/English	Member
19.	Dr.S.Chandramouleeswaran, Head / Physics	Member
20.	Dr.G.Raja, Head / Chemistry	Member
21.	Dr.B.Kishokkumar, Prof/Maths	Member



Dr.M.Premkumar, Principal, Paavai Engineering College, welcomed the chairman and members of RAC. He presented about the research achievements, research development programmes organized, incubation service facilitated and the internal revenue generation made by the institute for the past one year. The progress of research activities carried out in the institute is also discussed.

There was a lengthy discussion about the progress of each advisor's research work on the institute's skill development, incubation, and consultancy projects. The committee deliberated on the work that was being done and provided valuable input and directions for future research. The following points are recommended:

- Advised to participate in reputed conferences and workshops to enrich the research idea.
- More number of proposals should be submitted.
- Motivated the students to participate in project expo.
- Motivated the faculties to register Ph.D program.
- Instruct the faculty members to publish research article on every semester.
- Motivated the faculty members and students to join in various professional societies like IEEE, IME, ISTE, etc.
- Encourage to utilize the digital library for research work.
- Advise the students to utilize the library in effectively to update the recent development.



  
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