



**AVIT**  
AARUPADAI VEEDU INSTITUTE OF TECHNOLOGY



**VINAYAKA MISSION'S  
RESEARCH FOUNDATION**  
(Deemed to be University under section 3 of the UGC Act 1956)



DEPARTMENT OF PHARMACEUTICAL ENGINEERING

REPORT



The National Pharmacy week was celebrated at AVIT on 21<sup>st</sup> Nov 2022. On this auspicious occasion, the department of Pharmaceutical Engineering, organized “DIAB-EXPO” at AV campus for the students and faculty of Engineering, Arts and Science, Allied health science and law . As India is the diabetes capital, the goal of this Expo is to raise awareness of diabetes among young people. The Pharmaceutical Engineering students were asked to make a model connected to diabetes in order to help pharmaceutical engineering students comprehend how important they are to healthcare professionals and how to protect society's health .The cash prize has be announced for the best 3models.The expo provided complete information about diabetes like diabetes food, types ,causes, symptoms, responsible organs, mechanisms, allopathic, ayurvedic and homeopathic drugs, adverse drug reactions, complications, diagnosis and ant diabetic natural sources. The 7day meal plan booklet was distributed to the participants. The program started with the opening ceremony by the chief guest Ms.Sona prakash, Entrepreneur and President, Rotary club of Chennai and our sponsor Mr.Pradeep, Director World Wide The faculty and students expressed their gratitude for the expo's education on diabetes and committed to spread the word about it to others. Nearly 250 students visited the expo. The winners were rewarded with the cash prize of Rs 3000,Rs 2000 and Rs 1000 for the best 3 model by the world wide innovation network based on their presentation skill and creativity of the student. The department is extremely grateful to the **WWIN team** for such motivation and encouragement by sponsoring the program. This program was held in the presence of Dr.Giri Rengasamy. Dean CSR, Dr.L.Prabu,V.P Admin and HOD’s of all the department. The feedbacks were obtained through Google forms. Dr.B.Prabasheela, Prof & Head, department of Pharmaceutical Engineering thanked all the invitees, faculty, students for making this program a huge success.





# DIAB-EXPO INAUGURAL



# The Future





# The Judgement



# The winners



*Awareness*



Knowledge sharing

Diab-Expo



*If Everyone is moving  
forward together, then  
success takes care of  
itself*



Medicinal plants have played an important role in human healthcare as an essential ingredient in traditional medicine. Knowing its importance department of Pharmaceutical Engineering has planned for developing Medicinal Garden and inaugurated "Dr.ANURADHA MOOLIGAI" garden on 21<sup>st</sup> Nov 2022. The garden comprises of 40 sets of medicinal plants, as well as a QR Board displaying plant-related information. The Pharma students are responsible for maintaining the garden, and each has been given responsibility for three plants. Natural product isolated from medicinal plant play a significant role in modern Drug discovery and development .It also have wide application in food, cosmetics, preservatives, colorants, sweetener etc. Students are inspired to choose a plant, conduct studies, and develop products as an outcome.

### INAUGURAL OF MEDICINAL GARDEN





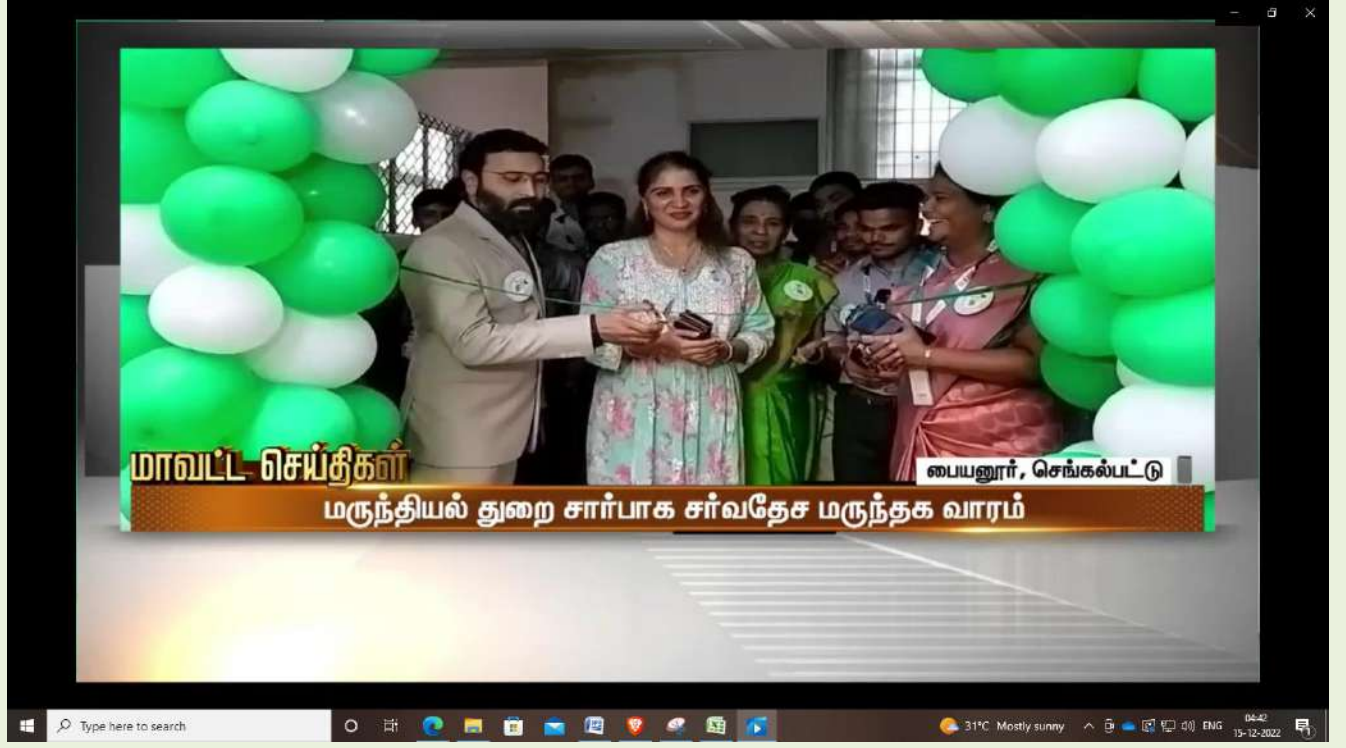
## LIST OF MEDICINAL PLANTS

S.NO	BOTANICAL NAME	TAMIL NAME
1.	<i>Gloriosa superba</i>	சிவத்தின்னி
2.	<i>Salvia rasmarius</i>	ரோஸ்மேரி
3.	<i>Artemisia pallens</i>	தவனம்
4.	<i>Eclipta prostrate</i>	கரிசலாங்கண்ணி
5.	<i>chrysopogon zizanooides</i>	வெட்டிவேர்
6.	<i>Datura metal</i>	கரு ஊமத்தை
7.	<i>Centella asiatica</i>	வல்லாரை
8.	<i>Cardiospermum halicababum</i>	முடக்கத்தான்
9.	<i>Cissus quadrangularis</i>	இலை பிராந்தை
10.	<i>Orthosiphon aristatus</i>	சீரக துளசி
11.	<i>Sauropus androgynus</i>	தவசி கீரை
12.	<i>Alpinia officinarum</i>	சித்தரத்தை
13.	<i>Scoparia dulcis</i>	கல்லூருகி
14.	<i>Chamaecostus cucpidatus</i>	இன்சலின்
15.	<i>Cardiospermum halicababum</i>	முடக்கத்தான்
16.	<i>Cissus quadrangularis</i>	இலை பிராந்தை
17.	<i>Orthosiphon aristatus</i>	சீரக துளசி
18.	<i>Sauropus androgynus</i>	தவசி கீரை
19.	<i>Alpinia officinarum</i>	சித்தரத்தை
20.	<i>Scoparia dulcis</i>	கல்லூருகி

21.	<i>Chamaecostus cucpidatus</i>	இன்சலின்
22.	<i>Trichopus</i>	நாராயண பச்சை
23.	<i>Eupatorium</i>	ஐயம்பானை
24.	<i>Ocimum sanctum</i>	துளசி
25.	<i>Ocimum sanctum</i>	ராமர் துளசி
26.	<i>Ocimum teniflorum</i>	பன்னீர் துளசி
27.	<i>Leucas aspera</i>	தும்பை
28.	<i>Aerva lanata</i>	சிறுகன் பீலை
29.	<i>Cissus quadrangularis</i>	கொடி பிறண்டை
30.	<i>Cantharanthus roseus</i>	நித்ய கல்யாணி
31.	<i>Kalanchoe pinnata</i>	ரண கல்லி
32.	<i>Clitoria ternatea</i>	சங்கு மிகுதி
33.	<i>Aloe vera</i>	கத்தரழை
34.	<i>Solanum trilobatum</i>	தூதுவளை
35.	<i>Aromatic coleus</i>	கற்பூரவல்லி
36.	<i>Centratherum punctatum</i>	கேசவர்த்தினி
37.	<i>Maranta arundinacea</i>	ஆற வேர்
38.	<i>Andrographis paniculata</i>	சிறிய நங்கை
39.	<i>Cymbopogon citratus</i>	எலுமிச்சைப்புல்
40.	<i>Curcuma longa</i>	மஞ்சள்
41.	<i>Ocimum tenuiflorum</i>	மிண்டா துளசி
42.	<i>Acorus calamus</i>	வசம்பு
43.	<i>Adathoda vasica</i>	ஆடா தோடா
44.	<i>Piper longum</i>	திப்பிலி
45.	<i>Ormocarpum cochinchinense</i>	எலும்புருகி
46.	<i>Zingiber officinale</i>	இன்ஜி
47.	<i>Alangium salvifolium</i>	அழிஞ்சில்



The program was telecasted in **Jaya TV**



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