**Table-1** List of Medicinal plants used by the Irula Tribes of Nellithurai beat

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| **S.No** | **Botanical Name** | **Habit** | **Family**  **Name** | **Local**  **Name** | **Parts**  **used** | **Medicinal Usage** | **Mode of Action** |
| **1.** | *Abrus precatorius,L.* | Climber | Fabaceae | Gundumani | Seed, leaves | Eyediseases, asthma, gonorrhea, swellings | Decoction |
| 2. | *Acacia concinna, Dc.* | Climbing shrub | Mimosaceae | Shiakakai | Leaves and barks | Natural shampoo | Powder |
| 3. | *Adenanthera pavonina, L.* | Tree | Mimosaceae | Coral wood | Leaves | Diarrhea | Juice |
| 4. | *Bambusa arundinacea, Willd.* | Thorny tree | Poaceae | Mulmunkil | Whole plant | Astringent, cooling, Laxative, depurative, diuretic and tonic. | Paste |
| 5. | *Barleria buxifolia, L.* | Shrub | Acanthaceae | Kallimullu& Rosmullippuntu | Leaves | Respiratory Diseases, Tooth ache, Joint pains | Extraction |
| 6. | *Blepharis molluginifolia, Pers.* | Prostrate herb | Acanthaceae | Nethirappoondu | Whole plants | Head ache, Bone fractures, Urinary discharges | Infusion |
| 7. | *Borreria ocymoides, Dc.* | Herb | Rubiaceae | Peeli | Leaves | Ring worm and eczema | Decoction |
| 8. | *Breynia retusa, L.* | Shrub | Euphorbiaceae | Perin-nirouri | Stem and Leaves | Conjunctivitis, hasten suppuration | Tonic |
| 9. | *Cansjera rheedii, J.F.Gmel.* | Climbing shrub | Opiliaceae | Kalimanak keerai | Leaves | Anti diabetes and anti inflammatory | Paste |
| 10. | *Canthium coromandelicum, L.* | Shrub | Sapindaceae | Bellakarai | Bark &Root | Fever, Diarrhoea. | Decoction |
| 11. | *Capparis grandiflora, Wall.* | Shrub | Capparidaceae | Mudkondai | Pulp and root | Gastralgia, Vomiting, abdominal pain | Decoction |
| 12. | *Capparis sepiaria, L.* | Shrub | Capparidaceae | Karindu | Root&leaves | Digestion, swelling | Decoction |
| 13. | *Cereus pterogonus, Lem.* | Shrub | Cactaceae | Ooci kalli | Whole plant | Purgative, astringent, constipating, refrigerant, anti periodic and antipyretic. | Extraction |
| 14. | *Chloroxylon swietenia DC.* | Tree | Rutaceae | Purush | Leaves | Wound healing | Decoction |
| 15. | *Cipadessa baccifera, (Roth.) Miq.* | Shrub | Meliaceae | Pullipancheddi & savattuchedi | Whole plant | Indigestion | Juice |
| 16. | *Cordia dichotoma, G.Forst.* | Small tree | Boraginaceae | Karadisellai | Fruit | Liver damage | Decoction |
| 17. | *Crotalaria pallida, Aiton.* | Shrub | Fabaceae | Kilukiluppai | Leaves | Vermifuge, fever | Extraction |
| 18. | *Croton bonplandianum Baill.* | Tree | Euphorbiaceae | Yeliaamanakku | Leaves | Cuts and wounds to stop bleeding | Infusion |
| 19. | *Dactyloctenium aegyptium, (L.) P. Beauv.* | Herb | Poaceae | kakkakalpul | Whole plants, seeds | Dysentary, Anti inflammatory, Urinary diseases | Extraction |
| 20. | *Dalbergia sissoo, Roxb.* | Tree | Fabaceae | - | Leaves  Root  Wood | Diabetic, gonorrhea  Anti-inflammatory, astringent  Leprosy, boils, eruptions and to allay  Vomiting | Infusion |
| 21. | *Decalepis hamiltonii, Wight & Arn.* | Climber | Asclepidaceae | Magalie | Tuber | Wound healing, fever, bronchial, asthma. | Tonic |
| 22. | *Decaschistia crotonifolia, Wight. & Arn.* | Shrub | Malvaceae | Kallasedi | Leaves, root | Fever and cough | Decoction |
| 23. | *Dichrostachys cinerea,W. & A.* | Thorny Shrub | Mimosaceae | Vadatalla | Bark  Root  Leaf | Head ache,tooth ache,dysentery,  elephantiasis  Leprosy,syphilis,anthelmintic,strong  diuretic  Epilepsy | Decoction |
| 24. | *Diospyros ebenum Keen.* | Tree | Ebenaceae | Acha | Whole  Plant | Astringent, attenuant and lithotriptic | Extraction |
| 25. | *Diospyrous malabarica, (Desr.) Kostel.* | Tree | Ebenaceae | Benson | Fruit | Cold, astringent, anti bacterial | Infusion |
| 26. | *Diplocyclos palmatus, (Linn.) Jeffrey.* | Climber | Cucurbitaceae | Shivalingi | Fruits & | Jaundice, inflammation and fever | Juice |
| 27. | *Drypetes sepiaria, (Wight & Arn.) Pax & K.Hoffm.* | Tree | Euphoriaceae | Thanuvam | Fruit and bark | Fever, diarrhea | Decoction |
| 28. | *Ecbolium viride, (Forssk.)* | Shrub | Acanthaceae | Nilaambari | Leaves, roots | Anti inflammatory | Decoction |
| 29. | *Entada gigas, (L.) Fawc. & Rendle.* | Tree | Fabaceae | Anaittellu | Fruit and seeds | Diuretic | Paste |
| 30. | *Enterolobium saman Prain.* | Tree | Fabaceae | Rain tree | Root  Leaf  Seeds | Stomach cancer, diarrhoea, intestinal ailments, Laxative Chewed for sore throat | Juice |
| 31. | *Erythroxylon monogynum, Roxb.* | Large shrub | Erythroxylaceae | Devadary | Wood and bark | Stomachic, diaphoretic and diuretic | Infusion |
| 32. | *Euphorbia glanduligera, pax.* | Herb | Euphorbiaceae |  | Leaves | Increase milk flow in lactating women | Dry powder |
| 33. | *Ficus carica, L.* | Tree | Moraceae | Simaiyattai | Bark, leaves, shoot | Anti-inflammatory, throat infection | Decoction |
| 34. | *Ficus microcarpa, Wight.* | Tree | Moraceae | Kallichchi | Whole plant | Rheumatism, laxative, fever, blood purifier | Infusion |
| 35. | *Ficus racemosa, L.* | Tree | Moraceae | Atthi | Roots &Fruits | Blood- purifier, Laxative | Decoction |
| 36. | *Fluggea leucopyrus Willd.* | Tree | Euphorbiaceae | Vellaipulatti | Leaves | Vermifuge | Decoction |
| 37. | *Gliricidia maculata, (H.B.K) Steud* | Tree | Fabaceae | Seemai akathi | Shoot | Antifungal | Paste |
| 38. | *Glycosmis arborea, (Roxb.)* | Shrub | Rutaceae | Mulaikuluki | Root | Treat tumour | Paste |
| 39. | *Glycosmis pentaphylla (Retz.) Dc.* | Shrub | Rutaceae | Kuttivila | Fruits | Chronic stomach pain | Paste |
| 40. | *Grevillea robusta, A. Cunn.* | Shrub | Proteaceae | Savukkumaram | Leaves | Antibacterial, antifungal and anti-inflammatory | Decoction |
| 41. | *Hemionitis arifolia, (Burm.F.)* | Herb | Cheilanthaceae | Chakuliya | Leaves | Anti diabetes anti inflammation | Decoction |
| 42. | *Hevea brasiliensis, Mull. Arg.* | Tree | Euphorbiaceae | Rubber tree | Leaves | Secretory system | Extraction |
| 43. | *Holoptelea integrifolia Planch.* | Tree | Ulmaceae | Bachi | Stem &Bark | Anti inflammatory | Decoction |
| 44. | *Indigofera tinctoria, Linn.* | Herb | Fabaceae | Avuri & nili | Leaves & roots | diarrhoea, purgation | Decoction |
| 45. | *Ixora arborea, Roxb.ex SM.* | Small shrub | Rubiaceae | Vedchi | Whole plant | Diarrhea, nausea, cough, asthma, wounds and sores. | Paste |
| 46. | *Jasminum indicum, Folifs.* | Shrub | Oleaceae | Malli | Shoot and leaves | Antifungal, anti inflammatory | Decoction |
| 47. | *Jasminum trichotomum, B. Heyneex Roth.* | Climbing shrub | Oleaceae | Parumalli | Whole plant | Analgesic, antipyretic | Decoction |
| 48. | *Kyllinga triceps, Rohb.* | Herb | Cyperaceae | Veluttanirbasi | Leaves | Antidiabetics | Juice |
| 49. | *Lantana camara L.* | Shrub | Verbenaceae | Unnichedi | Leaves | Anti inflammatory,anti septic,dysentery | Juice |
| 50. | *Leucas Longifolia, Hk. f.* | Large shrub | Lamiaceae | Irana-peri | Whole plant | Hypertension, cough, headaches, fever, cough. | Decoction |
| 51. | *Ludwigia abyssinica, A. Rich.* | Herb | Onagraceae |  | Leaves | Abdominal pain, wound healing | Paste |
| 52. | *Ludwigia peruviana,(L.)H.* | Herb | Onagraceae | Kattukkirampu | Whole plants | Dysentery, Purgative, vermifuge | Decoction |
| 53. | *Mangifera indica L.* | Tree | Anacardiaceae | Ma | Young leaves,seeds | Astringent,bronchitis,piles , tooth ache | Paste |
| 54. | *Mollugo pentaphylla, Linn.* | Herb | Aizoceae | Ciruceruppati | Leaves | Anti inflammatory, analgesic and antipyretic | Paste |
| 55. | *Odina Wodier Roxb.* | Tree | Anacardiaceae | Odayam. | Plant and  Bark  Gum  Stem and bark | Used to treat leucorrhoea , eye  diseases used in the treatment of ulcers  Used for treating bruises ,sprains  Used as a remedy for wounds | Decoction |
| 56. | *Opuntia stricta, (Haw.) Haw.* | Shrub | Cactaceae | Chappathikalli | Fruit | **Fever, cough, cold** | Decoction |
| 57. | *Orthosiphon glabratus, Benth. in Wall.* | Herb | Lamiaceae | Chilannippadam | Leaves | **Wound healing, ulcer** | paste |
| 58. | *Pachygone ovate, (Poiret) J.D. Hook & Thompson* | Climbing shrub | Minispermaceae | Kattukodi | All Parts | Vermifuge, pediculicide,antityrosines activity | Decoction |
| 59. | *Passiflora leschenaultia,Dc.* | Shrub | Passifloraceae |  | Leaves | Blood pressure, diabetes | Decoction |
| 60. | *Pedalium murex,* | Herb | Pedaliaceae | Yanai nerunjil | Whole plants | Puerperal diseases, digestive tonics, ulcer | Juice |
| 61. | *Phoenix loureiroi, Kunth.* | Tree | Arecaceae | Eechipullu | Tender shoot &fruit | Astringent in intertinal troubles, sore throat. | Paste |
| 62. | *Phyllanthus emblica, L.* | Tree | Euphorbiaceae | Nelli | Fruit | Anti oxidant | Infusion |
| 63. | *Phyllanthus reticulatus, Poir.* | Shrub | Euphorbiaceae | Palukuchithazai | Leaves | Cure irrigation of piles | Decoction |
| 64. | *Physalis minima, L.* | Herb | Solanaceae | Kupanti | Leaves | Laxative, Abdominal troubles | Juice |
| 65. | *Plumbago zeylanica L.* | Herb | Plumbaginaceae | Chithiramoolam (or) Venkodiveli | Roots  All parts | Piles ,diarrhoea,abortifacient  Uterine stimulant,leprosy and jaundice | Paste |
| 66. | *Prosopis juliflora, (sw.) Dc.* | Tree | Mimosaceae | Velikathan | Leaves | Indolizidine, anti infective and anti parasitic | Decoction |
| 67. | *Psydrax dicoccos, Gaertn.* | Tree | Rubiaceae | Goni | Leaves | Fever, cough, asthma and anti inflammatory | Decoction |
| 68. | *Pterolobium indicum A.Rich.* | Small tree | Caesalpiniaceae | Indumullu | Root | Used in fever, spermicidal activity | Decoction |
| 69. | *Rubus fruticosus,L.* | Shrub | Rosaceae | Kolalinda | Fruits | Astringent, antiseptic, anti fungal | Extraction |
| 70. | *Salvadora persica, L.* | Tree | Salvadoraceae | Uka | Leaves | Antiplaque, analgesic | Tonic |
| 71. | *Santalum album L.* | Tree | Santalaceae | Sandhanam | Leaf and  Stem | Gastric irritability,dysentery,  Skin Diseases,gonorrhea | Paste |
| 72. | *Sapthodea campanulata, P. Beauv.* | Tree | Bignoniaceae | Patadi | Leaves, root, stem, bark and fruit | Antidiabetes, anti ulcer, anti inflammatory and anti fungal | Decoction |
| 73. | *Sclerocarpus africanus, Jacq. Ex Murray.* | Herb | Asteraceae |  | Whole plant | Venereal diseases | Decoction |
| 74. | *Scoparia dulcis, L.* | Herb | Scorphulariaceae | Talmirri | Root | Snake bite | Paste |
| 75. | *Scurrula parasitica, L.* | Parasite | Loranthaceae | - | Leaves | Reduce swelling, lower blood pressure, liver diseases | Decoction |
| 76. | *Solanum pubescens* Willd. | Under shrub | Solanaceae | - | Leaf and Root | Analgesic activity | Decoction |
| 77. | *Strychnos nux-vomica, L.* | Tree | Loganiaceae | Yetti | Stem, bark | Stomach pain, dysentery, fever, cold | Decoction |
| 78. | *Tamarindus indica L.* | Tree | Caesalpiniaceae | Puli | Fruit pulp  Leaves,Bark,  Seed&  Flower | Digestive,carminative,  Laxative, Opthalmia ,eye diseases and vaginal  discharges. | Decoction |
| 79. | *Tectona grandis, L. f.* | Tree | Verbenaceae | Tekku | Leaves, bark, fruits and stem | Menstrual disorders | Juice |
| 80. | *Thevetia neriifolia Juss.* | Shrub | Apocynaceae | Thangarali | Bark&  Seeds | Febrifuge,rheumatism,dropsy | Decoction |
| 81. | *Trianthema portulacastrum, L.* | Herb | Aizoceae | Saaranatthi | whole plants | Diseases resistance | Decoction |
| 82. | *Triumfetta pilosa, Wall.* | Shrub | Tiliaceae | Ottupulla | Leaves | Antidiabetes and anti oxidant | Decoction |
| 83. | *Viscum articulatum, Burm.* | Under shrub | Loranthaceae | Logolai & pulluruvi | Whole plant | Fever with aching limbs | Decoction |
| 84. | *Xylia xylocarpa(Roxb.) Taub.* | Tree | Mimosaceae | Iruvel | Bark, seeds | Diarrhoea, diabetics | Decoction |
| 85. | *Zizyphus abyssinica, Hochst. Ex A. Rich.* | Tree | Rhamnaceae | kottae | Fruit | Anti oxidant and antimicrobial | Decoction |