**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 | - | LeavesRootWood | Diabetic, gonorrheaAnti-inflammatory, astringentLeprosy, boils, eruptions and to allayVomiting | 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 | BarkRootLeaf | Head ache,tooth ache,dysentery,elephantiasisLeprosy,syphilis,anthelmintic,strongdiureticEpilepsy | Decoction  |
| 24. | *Diospyros ebenum Keen.* | Tree | Ebenaceae | Acha | WholePlant | 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 | RootLeafSeeds | 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 andBarkGumStem and bark | Used to treat leucorrhoea , eyediseases used in the treatment of ulcersUsed for treating bruises ,sprainsUsed 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 | RootsAll parts | Piles ,diarrhoea,abortifacientUterine 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 andStem | 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 pulpLeaves,Bark,Seed&Flower | Digestive,carminative,Laxative, Opthalmia ,eye diseases and vaginaldischarges. | 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  |