

# Traditionally Used Medicinal Plants to Cure Cuts and Wounds in Yavatmal District, Maharashtra, India

#### V. P. Metkar and J. L. Tarar

Department of Botany, Institute of Science, Nagpur.

#### Abstract:

Yavatmal District is rich in ethnobotanical plants. In present paper 28 plant species belonging to 26 families used to cure cuts and wounds have been documented. The aim of the present research is to record the indigenous knowledge about medicinal plants. The botanical name, local name, family, plant parts used and traditional practice of 28 species are discussed here for the treatment of various ailments.

Keywords - Yavatmal district, Medicinal plants, uses

### Introduction:

Traditional communities passes vast store of knowledge about natural resources in vicinity. It is widely recognized that documentation of local knowledge is of great significance in conservation programme.<sup>6,7,8</sup> Many traditional practitioners, tribesmen, local vaidus and mendicants across the world particularly in country like India with age old practices have valuable but oral information of many lesser-known hitherto unknown wild plants in use by the for treating wounds.

Yavatmal district situated in the eastern part of Maharashtra between north latitudes 19°28' and 20° 48' and longitudes 77° 19' and 70° 07' It occupies an area of about 13,517.21 sq. km. The temperature varies from 9° c to 45° c. The rainfall generally increases from the north-west towards the south-east. On an average there are 53 rainy days. i.e. days with rainfall of 2.5 mm.

Some population of study area is aboriginal. The tribal populations and their cultural heritage after enormous scope for ethnobotanical and enthnomedicinal researchers.

### Material and Methods:

Several surveys were conducted in the forests and nearby residential area inhabited by the tribals, villagers and local peoples. Ethnomedianal information about the plants was collected on the basis of frequent interviews with local physicians practicing indigenous system of medicine villagers, priests and tribal folks. Plant species collected were identified with the help of floras.<sup>1,2,3,4,8,9,11</sup>

# Observation

Details of plant species with their ethnomedicinal uses are in Table 1.





#### Table. 1-

<ul> <li>wounds.</li> <li>7) Azadirachta indica A. Jass.</li> <li>Family-Meliaceae</li> <li>Local name - Neem</li> <li>Use - The powder of bark and leaves are applied on wounds and to reduce inflammations.</li> <li>9) Barleria prionitis L.</li> <li>Family - Ascanthaceae</li> <li>Local name - Kate-Kul, Kate- Koranti</li> <li>Use - Leaf paste mixed in coconut oil, applied on wounds till cure</li> <li>11) Calotropis procera (Ait)</li> <li>R. Br.</li> <li>Family - Asclepidiaceae</li> <li>Local name - Rui</li> <li>Uses - Latex applied on wounds till it ealed.</li> <li>13) Cucumis calossus (Rottl) Congn</li> <li>Family - Cucurbitaceae</li> <li>Local name - Dendolya</li> <li>Use - Leaf paste applied on wounds</li> <li>Total name - Dendolya</li> <li>Use - Leaf paste applied on wounds</li> <li>Tamily - Solanaceae</li> <li>Local name - Amarvel</li> <li>Uses - The boiled extract of the plant use to wash wounds and sores.</li> <li>Tamily- Solanaceae</li> <li>Local name - Dhotra</li> </ul>		Family- Mimosaceae Local name -Khair	_,	Family- Asteraceae
<ul> <li>Local name - Khair use- Ash obtained from stem and leaves mixed with coconut oil, applied on burns and wounds till cure.</li> <li>Achyranthes aspera L. Family- Amaranthaceae Local name - Aghada Use - The juice of plant is used to stop bleeding of wounds</li> <li>Alnus sernulata (Ait) willd Family- Betulaceae Uses - The paste bark is used to treat wounds and skin ulcers</li> <li>Azadirachta indica A. Jass. Family-Meliaceae Local name - Neem Use - The powder of bark and leaves are applied on wounds and to reduce inflammations.</li> <li>Barleria prionitis L. Family - Ascanthaceae Local name - Kate-Kul, Kate-Koranti Use - Leaf paste mixed in coconut oil, applied on wounds till cure</li> <li>Biophytum sensitioum DC (Linn) Family - Ascanthaceae Local name - Lajalu Use - Seed Powder applied on wounds it cure</li> <li>Colobrokea appositifolia Family - Lamiaceae Local name - Bhaman Use - The leaf extract used for wounds.</li> </ul>	3)	Local name -Khair		
<ul> <li>use- Ash obtained from stem and leaves mixed with coconut oil, applied on wound and leaves mixed with coconut oil, applied on wound daily once till cure.</li> <li>3) Achyranthes aspera L. Family- Amaranthaceae Local name - Aghada Use - The juice of plant is used to stop bleeding of wounds</li> <li>5) Alnus serrulata (Ait) willd Family- Betulaceae Uses - The paste bark is used to treat wounds and skin ulcers</li> <li>6) Azadirachta indica A. Jass. Family-Meliaceae Local name - Neem Use - The powder of bark and leaves are applied on wounds and to reduce inflammations.</li> <li>7) Azadirachta indica A. Jass. Family-Meliaceae Local name - Neem Use - The powder of bark and leaves are applied on wounds and to reduce inflammations.</li> <li>9) Barteria prionitis L. Family - Ascanthaceae Local name - Kate-Kul, Kate-Koranti Use - Leaf paste inflammations.</li> <li>9) Calotropis procera (Ait) R. Br. Family - Asclepidiaceae Local name - Kate-Kul, Kate-Koranti Use - Leaf paste indicaeae Local name - Rui Uses - Latx applied on wounds till it ealed.</li> <li>11) Calotropis procera (Ait) R. Br. Family - Asclepidiaceae Local name - Rui Uses - Latx applied on wounds till it ealed.</li> <li>13) Cucurbitaceae Local name - Dendolya Use - Leaf paste applied on wounds till it ealed.</li> <li>14) Cuscuta reflexa Roxb. Family - Cuscutiaceae Local name - Dendolya Use - Leaf paste applied on wounds till it ealed.</li> <li>14) Family - Solanaceae Local name - Dhotra</li> <li>15) Datura stramonima L. Family- Solanaceae Local name - Dhotra</li> <li>16) Datura stramonima L. Family- Solanaceae Local name - Dhotra</li> <li>16) Family - Solanaceae Local name - Dhotra</li> <li>17) Kase - And Pointa (Ait) (Family - Solanaceae Local name - Dhotra</li> <li>18) Calotropis procera (Ait) (Family - Solanaceae Local name - Dhotra</li> <li>19) Family - Solanaceae Local name - Dhotra</li> <li>10) Family - Solanaceae Local name - Dhotra</li> <li>10) Family - Solanaceae Local name - Dhotra</li> <li>11) Calotropis procera (Ait) (Family - Solanaceae</li></ul>	3)			Local name - Rokharu
<ul> <li>leaves mixed with coconut oil, applied on burns and wounds till cure.</li> <li>3) Achyranthes aspera L. Family- Amaranthaceae Local name - Aghada Use - The juice of plant is used to stop bleeding of wounds</li> <li>5) Ainus serrulata (Ait) willd Family- Betulaceae Uses - The paste bark is used to treat wounds and skin ulcers</li> <li>6) Argemone mexicana L. Family-Papaveracoae Local name - Piwala Dhotra Use - The powder of bark and leaves are applied on wounds and to reduce inflammations.</li> <li>7) Azadirachta indica A. Jass. Family-Meliaceae Local name - Neem Use - The powder of bark and leaves are applied on wounds and to reduce inflammations.</li> <li>9) Barleria prionitis L. Family - Ascanthaceae Local name - Kati-Kul, Kate- Koranti Use - Leaf paste mixed in coconut oil, applied on wounds till cure</li> <li>10) Biophytum sensitioum DC (Linn) Family - Geraniaceae Local name - Rui Use - Seed Powder applied on wounds till cure</li> <li>11) Calotropis procera (Ait) R. Br. Family - Asclepidiaceae Local name - Rui Uses - Laef paste applied on wounds till it caled.</li> <li>13) Cucumis calossus (Rottl) Congn Family - Cucurbitaceae Local name - Dendolya Use - Leaf paste applied on wounds till it caled.</li> <li>14) Catura stramonium L. Family- Solanaceae Local name - Dhotra</li> <li>15) Datura stramonium L. Family- Solanaceae Local name - Dhotra</li> <li>16) Emblica officinalis Gaertn Family- Solanaceae Local name - Dhotra</li> </ul>	3)	use- Asii obtanicu nom stem and		
on burns and wounds till cure.       daily once till cure.         3)       Achyranthes aspera L.         Family-Amaranthaceae       Family-Amaranthaceae         Local name - Aghada       Use - The juice of plant is used to stop         bleeding of wounds       60         Family- Betulaceae       Uses - The paste bark is used to treat         Wounds and skin ulcers       61         7)       Azadirachta indica A. Jass.         Family-Meliaceae       81         Local name - Neem       Use - The powder of bark and leaves are applied on wounds and to reduce inflammations.         9)       Barleria prionitis L.         Family - Ascanthaceae       100         Local name - Kate-Kul, Kate- Koranti       Use - Seed Powder applied on wounds till cure         11)       Calotropis procera (Ait)         R. Br.       Family - Asclepidiaceae         Local name - Rui       Use - Seed Powder applied on wounds till it caled.         13)       Cucumis calossus (Rotti) Congn         Family - Cucurbitaceae       Local name - Bendolya         Local name - Dendolya       Use - The leaf extract of the plant         Use - Leaf paste mixed in coconut oil, applied on wounds till it caled.       120         13)       Cucumis calossus (Rotti) Congn       144         Family - Cucu	3)	leaves mixed with coconut oil applied		
<ul> <li>3) Achyranthes aspera L. Family- Amaranthaceae Local name - Aghada Use - The juice of plant is used to stop bleeding of wounds</li> <li>5) Alnus serulata (Ait) willd Family- Betulaceae Uses - The paste bark is used to treat wounds and skin ulcers</li> <li>7) Azadirachta indica A. Jass. Family-Meliaceae Local name - Neem Use - The powder of bark and leaves are applied on wounds and to reduce inflammations.</li> <li>9) Barleria prionitis L. Family - Ascanthaceae Local name - Neem Use - Leaf paste mixed in coconut oil, applied on wounds till cure</li> <li>10) Biophytum sensitivum DC (Linn) Family - Geraniaceae Local name - Lajalu Use - Seed Powder applied on wounds it cure</li> <li>11) Calotropis procera (Ait) R. Br. Family - Ascepidiaceae Local name - Rui Uses - Latex applied on wounds till it ealed.</li> <li>13) Cucumis calossus (Rottl) Congn Family - Cucurbitaceae Local name - Rui Use - Leaf paste applied on wounds dily once till cure</li> <li>14) Cuscuta reflexa Roxb. Family - Cucurbitaceae Local name - Dendolya Use - Leaf paste applied on wounds dily once till cure</li> <li>15) Datura stramonium L. Family- Solanaceae Local name - Dhotra</li> <li>16) Emblica officinalis Gaertn Family- Euphorbiaceae Local name - Dhotra</li> </ul>	3)			
<ul> <li>Family- Amaranthaceae Local name - Aghada Use - The juice of plant is used to stop bleeding of wounds</li> <li>Alnus serrulata (Ait) willd Family- Betulaceae Uses - The paste bark is used to treat wounds and skin ulcers</li> <li>Azadirachta indica A. Jass. Family-Meliaceae Local name - Neem Use - The powder of bark and leaves are applied on wounds and to reduce inflammations.</li> <li>Barleria prionitis L. Family - Ascanthaceae Local name - Kate-Kul, Kate- Koranti Use - Leaf paste mixed in coconut oil, applied on wounds till cure</li> <li>Calotropis procera (Ait) R. Br. Family - Asclepidiaceae Local name - Rui Uses - Latex applied on wounds till it ealed.</li> <li>Cucumis calossus (Rotti) Congn Family - Cucurbitaceae Local name - Dendolya Use - Leaf paste applied on wounds daily once till cure</li> <li>Datura stramonium L. Family- Solanaceae Local name - Dhotra</li> </ul>	3)		4)	v
<ul> <li>Local name - Aghada Use - The juice of plant is used to stop bleeding of wounds</li> <li>Alnus serrulata (Ait) willd Family- Betulaceae Uses - The paste bark is used to treat wounds and skin ulcers</li> <li>Azadirachta indica A. Jass. Family-Meliaceae Local name - Neem Use - The powder of bark and leaves are applied on wounds and to reduce inflammations.</li> <li>Barleria prioritis L. Family - Ascanthaceae Local name - Kate-Kul, Kate- Koranti Use - Leaf paste mixed in coconut oil, applied on wounds till cure</li> <li>Calotropis procera (Ait) R. Br. Family - Asclepidiaceae Local name - Rui Uses - Latex applied on wounds till it ealed.</li> <li>Cucumis calossus (Rotti) Congn Family - Cucurbitaceae Local name - Dendolya Uses - Latex applied on wounds aily once till cure</li> <li>Datura stramonium L. Family- Solanaceae Local name - Dhotra</li> <li>Uses - Data</li> </ul>			4)	
<ul> <li>Use - The juice of plant is used to stop bleeding of wounds</li> <li>5) Alnus serrulata (Ait) willd Family- Betulaceae Uses - The paste bark is used to treat wounds and skin ulcers</li> <li>6) Argemone mexicana L. Family- Papaveracoae Local name - Piwala Dhotra Use - The plouder of bark and leaves are applied on wounds and to reduce inflammations.</li> <li>9) Barleria prionitis L. Family - Ascanthaceae Local name - Kate-Kul, Kate- Koranti Use - Leaf paste mixed in coconut oil, applied on wounds till cure</li> <li>11) Calotropis procera (Ait) R. Br. Family - Asclepidiaceae Local name - Rui Uses - Latex applied on wounds till it ealed.</li> <li>13) Cucumis calossus (Rottl) Congn Family - Cucurbitaceae Local name - Dendolya Use - Leaf paste appled on wounds till it ealed.</li> <li>13) Cucurbis calossus (Rottl) Congn Family - Cucurbitaceae Local name - Dendolya Use - Leaf paste appled on wounds till it ealed.</li> <li>14) Cuscuta reflexa Roxb. Family - Cucurbitaceae Local name - Dendolya Use - Leaf paste applied on wounds till it ealed.</li> <li>15) Datura stramonium L. Family- Solanaceae Local name - Dhotra</li> <li>16) Emblica officinalis Gaertn Family- Euphorbiaceae Uses - 1) The fruit poultice is used</li> </ul>				
<ul> <li>bleeding of wounds</li> <li>Alnus serrulata (Ait) willd Family- Betulaceae Uses - The paste bark is used to treat wounds and skin ulcers</li> <li>7) Azadirachta indica A. Jass. Family-Meliaceae Local name - Neem Use - The powder of bark and leaves are applied on wounds and to reduce inflammations.</li> <li>9) Barleria prionitis L. Family - Ascanthaceae Local name - Kate-Kul, Kate- Koranti Use - Leaf paste mixed in coconut oil, applied on wounds till cure</li> <li>11) Calotropis procera (Ait) R. Br. Family - Asclepidiaceae Local name - Rui Use - Latex applied on wounds till it ealed.</li> <li>12) Colobrokea appositifolia Family- Lamiaceae Local name - Bhaman Use - The leaf extract used for wounds it cure</li> <li>13) Cucumis calossus (Rottl) Congn Family - Cucurbitaceae Local name - Dendolya Use - Leaf paste applied on wounds daily once till cure</li> <li>14) Cuscuta reflexa Roxb. Family - Cuscutaceae Local name - Dendolya Use - Leaf paste applied on wounds daily once till cure</li> <li>15) Datura stramonium L. Family- Solanaceae Local name - Dhotra</li> <li>16) Biophytum sensitiva pointion Family- Solanaceae Local name - Dhotra</li> </ul>				•
<ul> <li>5) Alnus serrulata (Ait) willd Family- Betulaceae Uses - The paste bark is used to treat wounds and skin ulcers</li> <li>6) Argemone mexicana L. Family- Papaveracoae Local name - Piwala Dhotra Use - The yellow juice of the stem is us twice a day for one week for healing wounds.</li> <li>7) Azadirachta indica A. Jass. Family-Meliaceae Local name - Neem Use - The powder of bark and leaves are applied on wounds and to reduce inflammations.</li> <li>8) Barleria prionitis L. Family - Ascanthaceae Local name - Kate-Kul, Kate- Koranti Use - Leaf paste mixed in coconut oil, applied on wounds till cure</li> <li>10) Biophytum sensitivum DC (Linn) Family - Graniaceae Local name - Rui Uses - Latex applied on wounds till it ealed.</li> <li>11) Catotropis procera (Ait) R. Br. Family - Asclepidiaceae Local name - Rui Uses - Latex applied on wounds till it ealed.</li> <li>12) Colobrokea appositifolia Family - Cucurbitaceae Local name - Bhaman Use - The leaf extract used for wounds daily once till cure</li> <li>13) Cucurnis calossus (Rottl) Congn Family - Cucurbitaceae Local name - Dendolya Use - Leaf paste applied on wounds daily once till cure</li> <li>14) Family- Cuscutaceae Local name - Dendolya Use - Leaf paste applied on wounds daily once till cure</li> <li>15) Datura stramonium L. Family- Solanaceae Local name - Dhotra</li> <li>16) Emblica officinalis Gaertn Family- Euphorbiaceae Uses - 1) The fruit poultice is used</li> </ul>				to cure cuts, sores and wounds.
<ul> <li>Family- Betulaceae Uses - The paste bark is used to treat wounds and skin ulcers</li> <li>Azadirachta indica A. Jass. Family-Meliaceae Local name - Neem Use - The powder of bark and leaves are applied on wounds and to reduce inflammations.</li> <li>Barleria prionitis L. Family - Ascanthaceae Local name - Kate-Kul, Kate- Koranti Use - Leaf paste mixed in coconut oil, applied on wounds till cure</li> <li>Calotropis procera (Ait) R. Br. Family - Asclepidiaceae Local name - Rui Uses - Latex applied on wounds till it ealed.</li> <li>Cucurnis calossus (Rotti) Congn Family - Cucurbitaceae Local name - Dendolya Use - Leaf paste applied on wounds daily once till cure</li> <li>Datura stramonium L. Family- Solanaceae Local name - Dhotra</li> </ul>			-	
<ul> <li>Uses - The paste bark is used to treat wounds and skin ulcers</li> <li>Joat and skin ulcers</li> <li>Local name - Piwala Dhotra</li> <li>Use - The yellow juice of the stem is us twice a day for one week for healing wounds.</li> <li>7) Azadirachta indica A. Jass.</li> <li>Family-Meliaceae</li> <li>Local name - Neem</li> <li>Use - The powder of bark and leaves are applied on wounds and to reduce inflammations.</li> <li>8) Barleria prionitis L.</li> <li>Family - Ascanthaceae</li> <li>Local name - Kate-Kul, Kate- Korantii</li> <li>Use - Leaf paste mixed in coconut oil, applied on wounds till cure</li> <li>11) Calotropis procera (Ait)</li> <li>Family - Asclepidiaceae</li> <li>Local name - Rui</li> <li>Uses - Latex applied on wounds till it ealed.</li> <li>13) Cucumis calossus (Rottl) Congn</li> <li>Family - Cucurbitaceae</li> <li>Local name - Dendolya</li> <li>Use - Leaf paste applied on wounds till ure</li> <li>14) Cuscutaceae</li> <li>Local name - Amarvel</li> <li>Uses - Leaf paste applied on wounds till ure</li> <li>14) Cuscutaceae</li> <li>Local name - Amarvel</li> <li>Uses - The boiled extract of the plant use to wash wounds and sores.</li> <li>15) Datura stramonium L.</li> <li>Family- Solanaceae</li> <li>Local name - Dhotra</li> </ul>	5)		6)	-
<ul> <li>wounds and skin ulcers</li> <li>wounds and skin ulcers</li> <li>Wounds and skin ulcers</li> <li>Wounds and skin ulcers</li> <li>Use - The yellow juice of the stem is us twice a day for one week for healing wounds.</li> <li>Batleria prionitis L. Family - Ascanthaceae Local name - Kate-Kul, Kate-Koranti Use - Leaf paste mixed in coconut oil, applied on wounds till cure</li> <li>Calotropis procera (Ait) R. Br. Family - Asclepidiaceae Local name - Rui Uses - Latex applied on wounds till it ealed.</li> <li>Calotropis procera (Ait) Family - Asclepidiaceae Local name - Rui Uses - Latex applied on wounds till it ealed.</li> <li>Cucumis calossus (Rotti) Congn Family - Cucurbitaceae Local name - Dendolya Use - Leaf paste applied on wounds till it ealed.</li> <li>Datura stramonium L. Family- Solanaceae Local name - Dhotra</li> <li>Family- Sulanaceae Local name - Dhotra</li> <li>Tamily- Sulanaceae Local name - Dhotra</li> <li>Tamily- Sulanaceae Local name - Dhotra</li> </ul>				
<ul> <li>Azadirachta indica A. Jass.</li> <li>Family-Meliaceae Local name - Neem Use - The powder of bark and leaves are applied on wounds and to reduce inflammations.</li> <li>Barleria prionitis L. Family - Ascanthaceae Local name - Kate-Kul, Kate- Koranti Use - Leaf paste mixed in coconut oil, applied on wounds till cure</li> <li>Calotropis procera (Ait) R. Br. Family - Asclepidiaceae Local name - Rui Uses - Latex applied on wounds till it ealed.</li> <li>Calourmis calossus (Rottl) Congn Family - Cucurbitaceae Local name - Dendolya Use - Leaf paste applied on wounds dily once till cure</li> <li>Datura stramonium L. Family- Sulanaceae Local name - Dhotra</li> <li>Emily- Sulanaceae Local name - Dhotra</li> </ul>		_		
<ul> <li>wounds.</li> <li>7) Azadirachta indica A. Jass.</li> <li>Family-Meliaceae</li> <li>Local name - Neem</li> <li>Use - The powder of bark and leaves are applied on wounds and to reduce inflammations.</li> <li>9) Barleria prionitis L.</li> <li>Family - Ascanthaceae</li> <li>Local name - Kate-Kul, Kate- Koranti</li> <li>Use - Leaf paste mixed in coconut oil, applied on wounds till cure</li> <li>11) Calotropis procera (Ait)</li> <li>R. Br.</li> <li>Family - Asclepidiaceae</li> <li>Local name - Rui</li> <li>Uses - Latex applied on wounds till it ealed.</li> <li>13) Cucumis calossus (Rottl) Congn</li> <li>Family - Cucurbitaceae</li> <li>Local name - Dendolya</li> <li>Use - Leaf paste applied on wounds</li> <li>Total name - Dendolya</li> <li>Use - Leaf paste applied on wounds</li> <li>Total name - Dendolya</li> <li>Use - Leaf paste applied on wounds</li> <li>Total name - Dendolya</li> <li>Use - Leaf paste applied on wounds</li> <li>Total name - Amarvel</li> <li>Uses - The boiled extract of the plant use to wash wounds and sores.</li> <li>Total name - Dhotra</li> <li>16) Emblica officinalis Gaertn Family- Sulanaceae</li> <li>Local name - Dhotra</li> </ul>		wounds and skin ulcers		
<ul> <li>7) Azadirachta indica A. Jass. Family-Meliaceae Local name - Neem Use - The powder of bark and leaves are applied on wounds and to reduce inflammations.</li> <li>9) Barleria prionitis L. Family - Ascanthaceae Local name - Kate-Kul, Kate- Koranti Use - Leaf paste mixed in coconut oil, applied on wounds till cure</li> <li>11) Calotropis procera (Ait) R. Br. Family - Asclepidiaceae Local name - Rui Uses - Latex applied on wounds till it ealed.</li> <li>13) Cucumis calossus (Rottl) Congn Family - Cucurbitaceae Local name - Dendolya Use - Leaf paste applied on wounds till it ealed.</li> <li>13) Datura stramonium L. Family - Solanaceae Local name - Dhotra</li> <li>14) Emblica officinalis Gaertn Family- Solanaceae Local name - Dhotra</li> <li>16) Emblica officinalis Gaertn Family- Euphorbiaceae Local name - Dhotra</li> </ul>				twice a day for one week for healing of
<ul> <li>Family-Meliaceae Local name - Neem Use - The powder of bark and leaves are applied on wounds and to reduce inflammations.</li> <li>9) Barleria prionitis L. Family - Ascanthaceae Local name - Kate-Kul, Kate-Koranti Use - Leaf paste mixed in coconut oil, applied on wounds till cure 111) Calotropis procera (Ait) R. Br. Family - Asclepidiaceae Local name - Rui Uses - Latex applied on wounds till it ealed.</li> <li>13) Cucumis calossus (Rottl) Congn Family - Cucurbitaceae Local name - Dendolya Use - Leaf paste applied on wounds dialy once till cure 15) Datura stramonium L. Family- Solanaceae Local name - Dhotra </li> <li>Family - Euphorbiaceae Uses - 1) The fruit poultice is used </li> </ul>				
<ul> <li>Local name - Neem Use - The powder of bark and leaves are applied on wounds and to reduce inflammations.</li> <li>9) Barleria prionitis L. Family - Ascanthaceae Local name - Kate-Kul, Kate- Koranti Use - Leaf paste mixed in coconut oil, applied on wounds till cure</li> <li>10) Biophytum sensitivum DC (Linn) Family- Geraniaceae Local name - Lajalu Use - Seed Powder applied on wounds it cure</li> <li>11) Calotropis procera (Ait) R. Br. Family - Asclepidiaceae Local name - Rui Uses - Latex applied on wounds till it ealed.</li> <li>12) Colobrokea appositifolia Family- Lamiaceae Local name - Bhaman Use - The leaf extract used for wounds use - The leaf extract used for wounds daily once till cure</li> <li>13) Cucumis calossus (Rottl) Congn Family - Cucurbitaceae Local name - Dendolya Use - Leaf paste applied on wounds daily once till cure</li> <li>14) Cuscuta reflexa Roxb. Family- Cuscutaceae Local name - Amarvel Uses - The boiled extract of the plant use to wash wounds and sores.</li> <li>15) Datura stramonium L. Family- Solanaceae Local name - Dhotra</li> <li>16) Emblica officinalis Gaertn Family- Euphorbiaceae Uses - 1) The fruit poultice is used</li> </ul>	7)	Azadirachta indica A. Jass.	8)	Baptisia leucophaea Nutt
Use - The powder of bark and leaves are applied on wounds and to reduce inflammations.treat cuts and wounds.9) <b>Barleria prionitis L.</b> Family - Ascanthaceae Local name - Kate-Kul, Kate- Koranti Use - Leaf paste mixed in coconut oil, applied on wounds till cure10) <b>Biophytum sensitivum DC (Linn)</b> Family- Geraniaceae Local name - Lajalu Use - Seed Powder applied on wounds till it cure11) <b>Calotropis procera (Ait)</b> <b>R. Br.</b> Family - Asclepidiaceae Local name - Rui Uses - Latex applied on wounds till it ealed.12) <b>Colobrokea appositifolia</b> Family- Lamiaceae Local name - Bhaman Use - The leaf extract used for wounds uses - Latex applied on wounds till it ealed.13) <b>Cucumis calossus (Rottl) Congn</b> Family - Cucurbitaceae Local name - Dendolya Use - Leaf paste applied on wounds daily once till cure14) <b>Cuscuta reflexa Roxb.</b> Family- Cuscutaceae Local name - Amarvel Uses - The boiled extract of the plant use to wash wounds and sores.15) <b>Datura stramonium L.</b> Family- Solanaceae Local name - Dhotra16) <b>Emblica officinalis Gaertn</b> Family- Euphorbiaceae Uses - 1) The fruit poultice is used		Family-Meliaceae		
are applied on wounds and to reduce inflammations.Barleria prionitis L.Biophytum sensitivum DC (Linn)9)Barleria prionitis L. Family - Ascanthaceae Local name - Kate-Kul, Kate- Koranti Use - Leaf paste mixed in coconut oil, applied on wounds till cure10)Biophytum sensitivum DC (Linn) Family- Geraniaceae Local name - Lajalu Use - Seed Powder applied on wounds it cure11)Calotropis procera (Ait) R. Br. Family - Asclepidiaceae Local name - Rui Uses - Latex applied on wounds till it ealed.12)Colobrokea appositifolia Family- Lamiaceae Local name - Bhaman Use - The leaf extract used for wounds Use - Leaf paste applied on wounds daily once till cure12)Colobrokea appositifolia Family- Lamiaceae Local name - Bhaman Use - The leaf extract used for wounds Uses - Latex applied on wounds daily once till cure15)Datura stramonium L. Family- Solanaceae Local name - Dhotra14)Emblica officinalis Gaertn Family- Euphorbiaceae Uses - 1) The fruit poultice is used		Local name - Neem	1	Use - A decoction of leaves is used to
inflammations.9)Barleria prionitis L. Family - Ascanthaceae Local name - Kate-Kul, Kate- Koranti Use - Leaf paste mixed in coconut oil, applied on wounds till cure10)Biophytum sensitivum DC (Linn) Family- Geraniaceae Local name - Lajalu Use - Seed Powder applied on wounds til tit cure11)Calotropis procera (Ait) R. Br. Family - Asclepidiaceae Local name - Rui Uses - Latex applied on wounds till it ealed.12)Colobrokea appositifolia Family- Lamiaceae Local name - Bhaman Use - The leaf extract used for wounds Use - Leaf paste applied on wounds daily once till cure13)Cucumis calossus (Rottl) Congn Family - Cucurbitaceae Local name - Dendolya Use - Leaf paste applied on wounds daily once till cure14)Cuscuta reflexa Roxb. Family- Cuscutaceae Local name - Amarvel Uses - The boiled extract of the plant use to wash wounds and sores.15)Datura stramonium L. Family- Solanaceae Local name - Dhotra16)Emblica officinalis Gaertn Family- Euphorbiaceae Uses - 1) The fruit poultice is used		Use - The powder of bark and leaves		treat cuts and wounds.
<ul> <li>9) Barleria prionitis L. Family - Ascanthaceae Local name - Kate-Kul, Kate-Koranti Use - Leaf paste mixed in coconut oil, applied on wounds till cure</li> <li>11) Calotropis procera (Ait) R. Br. Family - Asclepidiaceae Local name - Rui Uses - Latex applied on wounds till it ealed.</li> <li>13) Cucumis calossus (Rottl) Congn Family - Cucurbitaceae Local name - Dendolya Use - Leaf paste applied on wounds daily once till cure</li> <li>14) Cuscuta reflexa Roxb. Family - Cuscutaceae Local name - Amarvel Uses - Leaf paste applied on wounds daily once till cure</li> <li>15) Datura stramonium L. Family- Solanaceae Local name - Dhotra</li> <li>16) Emblica officinalis Gaertn Family- Euphorbiaceae Uses - 1) The fruit poultice is used</li> </ul>		are applied on wounds and to reduce		
Family - Ascanthaceae Local name - Kate-Kul, Kate- Koranti Use - Leaf paste mixed in coconut oil, applied on wounds till cureFamily- Geraniaceae Local name - Lajalu Use - Seed Powder applied on wounds it cure11) <b>Calotropis procera (Ait)</b> <b>R. Br.</b> Family - Asclepidiaceae Local name - Rui Uses - Latex applied on wounds till it ealed.12) <b>Colobrokea appositifolia</b> Family- Lamiaceae Local name - Bhaman Use - The leaf extract used for wounds Use - The leaf extract used for wounds Use - The leaf extract used for wounds Use - The leaf extract of the plant use - Leaf paste applied on wounds daily once till cure15) <b>Datura stramonium L.</b> Family- Solanaceae Local name - Dhotra16) <b>Emblica officinalis Gaertn</b> Family- Euphorbiaceae Uses - 1) The fruit poultice is used	6	inflammations.		
<ul> <li>Local name - Kate-Kul, Kate- Koranti Use - Leaf paste mixed in coconut oil, applied on wounds till cure</li> <li>11) Calotropis procera (Ait) R. Br. Family - Asclepidiaceae Local name - Rui Uses - Latex applied on wounds till it ealed.</li> <li>12) Colobrokea appositifolia Family- Lamiaceae Local name - Bhaman Use - The leaf extract used for wounds Use - The leaf extract used for wounds</li> <li>13) Cucumis calossus (Rottl) Congn Family - Cucurbitaceae Local name - Dendolya Use - Leaf paste applied on wounds daily once till cure</li> <li>14) Cuscuta reflexa Roxb. Family- Cuscutaceae Local name - Amarvel Uses - The boiled extract of the plant use to wash wounds and sores.</li> <li>15) Datura stramonium L. Family- Solanaceae Local name - Dhotra</li> </ul>	9)	Barleria prionitis L.	10)	Biophytum sensitivum DC (Linn)
Use - Leaf paste mixed in coconut oil, applied on wounds till cureUse - Seed Powder applied on wounds it cure11)Calotropis procera (Ait) R. Br. Family - Asclepidiaceae Local name - Rui Uses - Latex applied on wounds till it ealed.12)Colobrokea appositifolia Family- Lamiaceae Local name - Bhaman Use - The leaf extract used for wounds use - Leaf paste applied on wounds daily once till cure12)Colobrokea appositifolia Family- Lamiaceae Local name - Bhaman Use - The leaf extract used for wounds to curbitaceae Local name - Dendolya Use - Leaf paste applied on wounds daily once till cure14)Cuscuta reflexa Roxb. Family- Cuscutaceae Local name - Amarvel Uses - The boiled extract of the plant use to wash wounds and sores.15)Datura stramonium L. Family- Solanaceae Local name - Dhotra16)Emblica officinalis Gaertn Family- Euphorbiaceae Uses - 1) The fruit poultice is used		Family - Ascanthaceae	6	Family- Geraniaceae
Use - Leaf paste mixed in coconut oil, applied on wounds till cureUse - Seed Powder applied on wounds it cure11)Calotropis procera (Ait) R. Br. Family - Asclepidiaceae Local name - Rui Uses - Latex applied on wounds till it ealed.12)Colobrokea appositifolia Family- Lamiaceae Local name - Bhaman Use - The leaf extract used for wounds Use - The leaf extract used for wounds Use - Leaf paste applied on wounds daily once till cure14)Cuscuta reflexa Roxb. Family- Cuscutaceae Local name - Amarvel Uses - The boiled extract of the plant use to wash wounds and sores.15)Datura stramonium L. Family- Solanaceae Local name - Dhotra16)Emblica officinalis Gaertn Family- Euphorbiaceae Uses - 1) The fruit poultice is used		Local name - Kate-Kul, Kate- Koranti		Local name - Lajalu
applied on wounds till cureit cure11)Calotropis procera (Ait) R. Br.12)Colobrokea appositifolia Family- Lamiaceae Local name - Rui Uses - Latex applied on wounds till it ealed.12)Colobrokea appositifolia Family- Lamiaceae Local name - Bhaman Use - The leaf extract used for wounds13)Cucumis calossus (Rottl) Congn Family - Cucurbitaceae Local name - Dendolya Use - Leaf paste applied on wounds daily once till cure14)Cuscuta reflexa Roxb. Family- Cuscutaceae Local name - Amarvel Uses - The boiled extract of the plant use to wash wounds and sores.15)Datura stramonium L. Family- Solanaceae Local name - Dhotra16)Emblica officinalis Gaertn Family- Euphorbiaceae Uses - 1) The fruit poultice is used		Use - Leaf paste mixed in coconut oil,		Use - Seed Powder applied on wounds till
R. Br. Family - Asclepidiaceae Local name - Rui Uses - Latex applied on wounds till it ealed.Family- Lamiaceae Local name - Bhaman Use - The leaf extract used for wounds13)Cucumis calossus (Rottl) Congn Family - Cucurbitaceae Local name - Dendolya Use - Leaf paste applied on wounds daily once till cure14)Cuscuta reflexa Roxb. Family- Cuscutaceae Local name - Amarvel Uses - The boiled extract of the plant use to wash wounds and sores.15)Datura stramonium L. Family- Solanaceae Local name - Dhotra16)Emblica officinalis Gaertn Family- Euphorbiaceae Uses - 1) The fruit poultice is used				it cure
R. Br. Family - Asclepidiaceae Local name - Rui Uses - Latex applied on wounds till it ealed.Family- Lamiaceae Local name - Bhaman Use - The leaf extract used for wounds13)Cucumis calossus (Rottl) Congn Family - Cucurbitaceae Local name - Dendolya Use - Leaf paste applied on wounds daily once till cure14)Cuscuta reflexa Roxb. Family- Cuscutaceae Local name - Amarvel Uses - The boiled extract of the plant use to wash wounds and sores.15)Datura stramonium L. Family- Solanaceae Local name - Dhotra16)Emblica officinalis Gaertn Family- Euphorbiaceae Uses - 1) The fruit poultice is used				
<ul> <li>Family - Asclepidiaceae Local name - Rui Uses - Latex applied on wounds till it ealed.</li> <li>13) Cucumis calossus (Rottl) Congn Family - Cucurbitaceae Local name - Dendolya Use - Leaf paste applied on wounds daily once till cure </li> <li>15) Datura stramonium L. Family- Solanaceae Local name - Dhotra </li> <li>16) Emblica officinalis Gaertn Family- Euphorbiaceae Uses - 1) The fruit poultice is used</li> </ul>	11)		12)	
Local name - Rui Uses - Latex applied on wounds till it ealed.Use - The leaf extract used for wounds13)Cucumis calossus (Rottl) Congn Family - Cucurbitaceae Local name - Dendolya Use - Leaf paste applied on wounds daily once till cure14)Cuscuta reflexa Roxb. Family- Cuscutaceae Local name - Amarvel Uses - The boiled extract of the plant use to wash wounds and sores.15)Datura stramonium L. Family- Solanaceae Local name - Dhotra16)Emblica officinalis Gaertn Family- Euphorbiaceae Uses - 1) The fruit poultice is used			-	
Uses - Latex applied on wounds till it ealed.ItCuscuta reflexa Roxb.13)Cucumis calossus (Rottl) Congn Family - Cucurbitaceae Local name - Dendolya Use - Leaf paste applied on wounds daily once till cure14)Cuscuta reflexa Roxb. Family- Cuscutaceae Local name - Amarvel Uses - The boiled extract of the plant use to wash wounds and sores.15)Datura stramonium L. Family- Solanaceae Local name - Dhotra16)Emblica officinalis Gaertn Family- Euphorbiaceae Uses - 1) The fruit poultice is used		Family - Asclepidiaceae		
ealed.Image: calossus (Rottl) Congn14)Cuscuta reflexa Roxb. Family - Cucurbitaceae Local name - Dendolya Use - Leaf paste applied on wounds daily once till cureImage: Cuscutaceae Local name - Amarvel Uses - The boiled extract of the plant use to wash wounds and sores.15)Datura stramonium L. Family- Solanaceae Local name - Dhotra16)Emblica officinalis Gaertn Family- Euphorbiaceae Uses - 1) The fruit poultice is used		Local name - Rui		Use - The leaf extract used for wounds
<ul> <li>13) Cucumis calossus (Rottl) Congn Family - Cucurbitaceae Local name - Dendolya Use - Leaf paste applied on wounds daily once till cure</li> <li>14) Cuscuta reflexa Roxb. Family- Cuscutaceae Local name - Amarvel Uses - The boiled extract of the plant use to wash wounds and sores.</li> <li>15) Datura stramonium L. Family- Solanaceae Local name - Dhotra</li> <li>16) Emblica officinalis Gaertn Family- Euphorbiaceae Uses - 1) The fruit poultice is used</li> </ul>		Uses - Latex applied on wounds till it		
Family - CucurbitaceaeFamily- CuscutaceaeLocal name - DendolyaLocal name - AmarvelUse - Leaf paste applied on wounds daily once till cureUses - The boiled extract of the plant use to wash wounds and sores.15)Datura stramonium L. Family- Solanaceae Local name - Dhotra16)Family- Solanaceae Local name - Dhotra16)		ealed.		
Local name - DendolyaLocal name - AmarvelUse - Leaf paste applied on wounds daily once till cureUses - The boiled extract of the plant use to wash wounds and sores.15)Datura stramonium L. Family- Solanaceae Local name - Dhotra16)Emblica officinalis Gaertn Family- Euphorbiaceae Uses - 1) The fruit poultice is used	13)		14)	
Use - Leaf paste applied on wounds daily once till cureUses - The boiled extract of the plant use to wash wounds and sores.15)Datura stramonium L. Family- Solanaceae Local name - Dhotra16)Emblica officinalis Gaertn Family- Euphorbiaceae Uses - 1) The fruit poultice is used		Family - Cucurbitaceae		Family- Cuscutaceae
daily once till cureuse to wash wounds and sores.15)Datura stramonium L. Family- Solanaceae Local name - Dhotra16)Emblica officinalis Gaertn Family- Euphorbiaceae Uses - 1) The fruit poultice is used			_	
15)Datura stramonium L. Family- Solanaceae Local name - Dhotra16)Emblica officinalis Gaertn Family- Euphorbiaceae Uses - 1) The fruit poultice is used				Uses - The boiled extract of the plant is
Family- SolanaceaeFamily- EuphorbiaceaeLocal name - DhotraUses - 1) The fruit poultice is used		daily once till cure		
Local name - Dhotra Uses - 1) The fruit poultice is used	15)		16)	
, 1				
Use - A poultice made from the flowers stop bleeding from cuts.				Uses - 1) The fruit poultice is used to
		Use - A poultice made from the flowers		stop bleeding from cuts.
		is applied to wounds to reduce pain		2) Leaf ash mixed in coconut, oil, applied
on injuries caused after burns daily at				on injuries caused after burns daily at
night for 8-10 days				
17) Heliotropium indicum Linn. 18) Lagerstoemia parviflora Roxb	17)	Heliotropium indicum Linn.	18)	
Family- Boraginaceae Family- Lythraceae		Family- Boraginaceae		Family- Lythraceae
Local name - Hatisure Local name - Bondara				
		Use - Paste of leaves applied to		Use - Leaf paste applied once daily on
Use - Paste of leaves applied to Use - Leaf paste applied once daily		wounds		wounds for 5-6 days





10)	Tantana a samana T	00)	Tanida andhia an anidata Nasa
19)	Lantana camara L.	20)	Lepidagathis cuspidata Nees
	Family- Verbinaceae		Family- Acanthaceae
	Local name - Ghaneri		Local name - Bendya-ghas
	Use - Juice of leaf applied on wounds		Use - Leaf powder applied directly on
			wounds and for 7-8 days
21)	Mimosa pudica L.	22)	Oxalis corniculata L.
)	Family- Mimosaceae	,	Family- Oxalidaceae
	Local name - Lajalu		Uses - Paste of top shoots along with a
	Use - Roots and leaf paste is applied on		few fruits of black paper is applied to
	wounds of piles.		wounds
23)	Pterocarpus marsupium Roxb.	24)	Psidium guajava Linn.
	Family- Fabaceae		Family- Myrtaceae
	Local name - Tiwas		Local name - Amrud
	Use - Bark powder used for wounds till		Use - Leaves are used as a astringent for
	it cure		wounds
25)	Ricinus communis L.	26)	Terminalia arjuna L.
	Family - Euphorbiaceae		Family - Combretaceae
	Local name - Erand		Local name - Arjun Sadada
	Use - Paste of leaves, flowers are used		Use - Stem bark powder mixed in
	for wound healings.		coconut oil, applied daily on injuries for
			7-8 days.
27)	Tridax procumbens L.	28)	Ziziphus jujuba Lamk
1	Family- Asteraceae		Family- Rhamnaceae
35	Local name - Kambarmodi		Local name - Ber
	Use - Paste is prepared from the root		Use - Pulp of ripe fruits are used on
	powder and leaf juice paste is applied	2	wounds.
	on wounds till cure.		



Argemone mexicana L.



Calotropis procera (Ait) R. Br.



Tridax procumbens L.



**A Four Monthly Peer Reviewed Journal VISHWASHANTI MULTIPURPOSE SOCIETY** (GLOBAL PEACE MULTIPURPOSE SOCIETY)



# **Conclusion:**

In all 28 plant species their parts like root, stem, bark, leaf, flower, fruit, seed, and latex are used to cure cuts and wounds. Their mode of administration by tribal healers priests and ordinary villagers are compared with available literature in different regions of India on medicinal plants.

The study indicated that over exploitation and deforestation are the main causes for the depletion of medicinal plants in the area. Although the medicinal plant species were under threat, traditional healers do not practice any conservation measures to ensure the sustainability of such plant resources. In order to prevent over exploitation that could lead to extinction efforts should be made to conserve natural resources and to domesticate selected plant species which are commonly used by herbal practioners. Preference for their use may be related to their availability or multipurpose use. The sustainable cultivation of medicinal herbs could facilitate industrial scale processing. The commercial harvesting of threatened medicinal plants should be banned strictly. Most importantly the nature communities need to sensitize to the sustainable use and conservation of these species. More surveys are needed in future to be carry out in the study area to know the plant resources which have an immense scope and value in the routine life of the community.

Such studies may prove helpful in preservation and passing of traditional ethnobotanical knowledge from the tribals to other ethnic communities and also to the next generations.

#### **References:**

- 1) Almeida, M.R. (1996). Flora of Maharashtra Blatter Herbarium. St. Xaviers College, Mumbai.
- 2) Ambasta, S.P. (1986). The useful plants of India. Publication and Information Directorate, CSIR, New Delhi, India.
- 3) Chopra, R.M., Nayar SI and Chopra, IC, Glossary of Indian Medicinal Plants CSIR, New Delhi, 1956.
- 4) **Cook T, 1958,** Flora of the presidency of Bombay, Vol. I-III, (Reprinted) Kolkata: Bot. surv. India, Kolkata.
- 5) **Kirtikar, K.R. and Basu, B.D. (1999)** Indian medicinal plants. I-IV Vols. International Book Distributers, Book sellers and publishers, Dehradun.
- 6) **Patil D.A. and Patil P.S.** Folk Herbal Medicine from some Tehsils of Buldhana District (Maharashtra) in India. Journal of Ecobiotechnology, 2011, 3(2) : 04-10.
- 7) Salve, A.P., P. Gopal Reddy and P.G. Diwakar (2011) Ethnophar- maceutical claims by the vanjaris from Pathardi Tehsil in Ahmednagar District (M.S.) India Asian J. Exp. BIOL. SCI. VOL 2 (1) 2011: 69-74.
- 8) **Singh, N.P. and S. Kartikeyan (2000)** Flora of Maharashtra state: Dicotyledons vol. 1 (Asstt. Lakshminarsimhan P and P.V. Prassana) Botanical survey of India, Kolkata, India.





- 9) Singh, N.P., P. Lakshminarsihan, S. Kartikeyan and P.V. Prasana (2001) Flora of Maharastra state Dicotyledons, Vol-2 Botanical Survey of India, Kolkata, India.
- 10) **Towseef Ahmad Bhatt, Gaurav Nigam, and Masood Majaz,** Study of some medicinal plants of the Shoptan District, Kashmir (India) with companies of their traditional use by Gujjar and Bakerwal, tribes, Asian journal of Pharmaceutical and clinical research Vol. 5, Suppl 2, 2012. Pp 94 to 98.
- 11) **Naik, V.N. (1998),** Flora of Vol. and II Amrut Prakashan, Marathwada Aurangabad, 1998

An Individual Researcher, Academician, Student or Institution / Industry can apply for Life membership of IJRBAT at following subscription rate

Sr	Type of Membership	Subscription rate	
1	Individual life member	5000/-	
2	Institutional life membership	10000/-	

\* Subscription of life member is valid for only Twenty year as per date on Payment Receipt. \* Refer <u>www.vmsindia.org</u> to download membership form

				•	
Far DT/		• Mener Tu	a mafa w/ Caah	Domoold over	Daul Datalla ava
FOR BIG	35/ NEEL/ Wester	1 Money Ir	ansier/ Cash	Deposit our	Bank Details are -
			anoi01/ 04011	Dopoon ou.	Barne Botano aro

Bank Name	STATE BANK OF INDIA
Bank Account Name	Vishwashanti Multipurpose Society, Nagpur
Account No.	33330664869
Account Type	Current
IFSC Code	SBIN0016098
Swift Code	SBININBB239
Branch Code	16098
MICR Code	440002054
Branch Name	Sakkardara, Umrer Road, Dist- Nagpur, Maharashtra 440027.

