



# ARUNACHALA

## COLLEGE OF ENGINEERING FOR WOMEN

Manavilai, Vellichanthai-629203

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3.3.2 Number of Books and chapters in edited volumes/ books published and papers published in National/International conference proceedings per teacher during the last five years

### Calender Year 2019

Sl. No.	Name of the Teacher	Title of the books/Chapters/ Conference Proceedings Published	Title of the paper	ISBN number of the Proceedings	Name of the Publisher	Link
1	Dr.Y.Ramola	International conference on functional materials and nanotechnology	High Pressure band structure metallization in CSBR	978-93-5346-855-2	Annai Velankanni college,Tholayavattam	<a href="https://arunachalacollege.com/journals/Publication/2019/1.pdf">https://arunachalacollege.com/journals/Publication/2019/1.pdf</a>
2	Dr.T.J.Sasikala, Mrs. M. V. Reena, Mrs. N P Arul Mary	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	Degradation of Punnal oil based biopolyester resin under the influence of Coir fibre	978-93-86954-45-9	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/2.pdf">https://arunachalacollege.com/journals/Publication/2019/2.pdf</a>



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Sl. No.	Name of the Teacher	Title of the books/Chapters/Conference Proceedings Published	Title of the paper	ISBN number of the Proceedings	Name of the Publisher	Link
3	K.Sreeja, Mrs.R.E.Bes sie Rekha	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	Chinua aachebe, the dominant poet in nigerian literature	978-93-86954-45-9	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/3.pdf">https://arunachalacollege.com/journals/Publication/2019/3.pdf</a>
4	Ms.R.Ablin	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	A Super Resolution Enhancement Based Fusion Approach For Hyperspectral Images	978-81-934604-5-0	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/4.pdf">https://arunachalacollege.com/journals/Publication/2019/4.pdf</a>
5	Aksha.J Sumi, Dr. T.	Multidisciplinary Research in Global Challenges and Perspectives of	Handoff Management In Mobile Communication	978-81-934604-5-0	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/5.pdf">https://arunachalacollege.com/journals/Publication/2019/5.pdf</a>



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Sl. No.	Name of the Teacher	Title of the books/Chapters/Conference Proceedings Published	Title of the paper	ISBN number of the Proceedings	Name of the Publisher	Link
6	Krishnaswamy Berakhah.F. Stanley,	sustainable Development Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	Systems Based On DRAS & H- DCAS Detection Of Cerebral Microbleeds			
7	N Anushya, Jhoney Rani T,	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	Smart Green House Monitoring and Climate control using Arduino	978-81-934604-5-0	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/6.pdf">https://arunachalacollege.com/journals/Publication/2019/6.pdf</a>
8	Dr. S. Joseph Jawhar, P. V.Deepa	Multidisciplinary Research in Global Challenges and Perspectives	Detection Of Brain Tumor Using Machine Learning Techniques	978-81-934604-5-0	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/8.pdf">https://arunachalacollege.com/journals/Publication/2019/8.pdf</a>



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Sl. No.	Name of the Teacher	Title of the books/Chapters/Conference Proceedings Published	Title of the paper	ISBN number of the Proceedings	Name of the Publisher	Link
9	D. Jeba Derwin, N. Beaula	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	Color Image Compression Using 2-D Bi-Level Block Coding	978-81-934604-5-0	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/9.pdf">https://arunachalacollege.com/journals/Publication/2019/9.pdf</a>
10	Malarvizhi.S. T, Josephin Sharmila P	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	Heart Rate Estimation Of PPG Signals With Simultaneous Accelerometry Using Adaptive Neural Network Filtering	978-81-934604-5-0	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/10.pdf">https://arunachalacollege.com/journals/Publication/2019/10.pdf</a>



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Sl. No.	Name of the Teacher	Title of the books/Chapters/Conference Proceedings Published	Title of the paper	ISBN number of the Proceedings	Name of the Publisher	Link
11	M. Mary Babitha, E.P.Kannan	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	Denoising of Medical Images Using Thresholding in Wavelet Domain	978-81-934604-5-0	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/11.pdf">https://arunachalacollege.com/journals/Publication/2019/11.pdf</a>
12	Dr. T. Krishnaswamy, N V Abirami	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	Fractal Analysis And Random Forest Based Diabetic Retinopathy Grade Classification	978-81-934604-5-0	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/12.pdf">https://arunachalacollege.com/journals/Publication/2019/12.pdf</a>
13	Dr. S Joseph Jawahar, P.V.Deepa	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	Facial Expression Recognition, Synthesis and Alignment using Deep Model Method	978-81-934604-5-0	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/13.pdf">https://arunachalacollege.com/journals/Publication/2019/13.pdf</a>



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Sl. No.	Name of the Teacher	Title of the books/Chapters/ Conference Proceedings Published	Title of the paper	ISBN number of the Proceedings	Name of the Publisher	Link
14	B. Chitra, Naveena A Priyadharsini	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	Enhanced Multiple Access Scheme For Device to Device Communication in 5G	978-81-934604-5-0	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/14.pdf">https://arunachalacollege.com/journals/Publication/2019/14.pdf</a>
15	S. Bhagawath, Nimmi K,	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	Computer-Aided Detection System for Human Lung Nodules Classification on computer tomography images via Deep Learning Model	978-81-934604-5-0	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/15.pdf">https://arunachalacollege.com/journals/Publication/2019/15.pdf</a>
16	A.Selvam Devi, Remya R	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	Brain Tumor Detection Based On MRI Image Using K-Means Clustering	978-81-934604-5-0	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/16.pdf">https://arunachalacollege.com/journals/Publication/2019/16.pdf</a>



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17	S. Sumitha, A.M.Asbel Shiny	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	Credit Card Fraud Detection using Convolutional Neural Networks	978-81-934604-5-0	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/17.pdf">https://arunachalacollege.com/journals/Publication/2019/17.pdf</a>
18	S Sahaya Nilasini, Vihashini V	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	Parameter-Adaptive Pulse Coupled-Neural Network based Medical Image Fusion	978-81-934604-5-0	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/18.pdf">https://arunachalacollege.com/journals/Publication/2019/18.pdf</a>
19	R.Kalaiselvi, M.A.Sreema	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	ROBUST FACE SPOOFING DETECTION USING LBPNET	978-81-934604-5-0	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/19.pdf">https://arunachalacollege.com/journals/Publication/2019/19.pdf</a>



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20	Blesslin Elizabeth	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	Double-Image Compression Associated Encryption Algorithm Based On Co-sparse Representation And Random Pixel Exchanging	978-81-934604-5-0	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/20.pdf">https://arunachalacollege.com/journals/Publication/2019/20.pdf</a>
21	Sworna Jo Lijha.J	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	FINGERPRINT QUALITY ADAPTIVE ENHANCEMENT USING FUZZY C-MEANS CLUSTERING	978-81-934604-5-0	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/21.pdf">https://arunachalacollege.com/journals/Publication/2019/21.pdf</a>
22	S.S.Uma	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	SEGMENTATION OF BLOOD VESSEL OPTIC DISC IN RETINAL IMAGE	978-81-934604-5-0	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/22.pdf">https://arunachalacollege.com/journals/Publication/2019/22.pdf</a>



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Sl. No.	Name of the Teacher	Title of the books/Chapters/ Conference Proceedings Published	Title of the paper	ISBN number of the Proceedings	Name of the Publisher	Link
23	I.Siriya Pushpa Leela	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	Matching Domination in Graphs	978-93-86954-45-9	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/23.pdf">https://arunachalacollege.com/journals/Publication/2019/23.pdf</a>
24	S.Lekha, Y.Ramola, G.Therese Anita, D.Angelin Jeba	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	Humidity analysis on copper molybdate	978-93-86954-45-9	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/24.pdf">https://arunachalacollege.com/journals/Publication/2019/24.pdf</a>
25	R.Rethan Raj, S.Anish,B.Parthasarathi	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	Characterization of interfacial properties between metal and ceramic matrix in hybridcomposites	978-93-86954-45-9	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/25.pdf">https://arunachalacollege.com/journals/Publication/2019/25.pdf</a>



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Sl. No.	Name of the Teacher	Title of the books/Chapters/ Conference Proceedings Published	Title of the paper	ISBN number of the Proceedings	Name of the Publisher	Link
26	M. Suthanthira, S. Anish	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	Electric Vehicle Using Multi-Input DC-DC Landsman Converter	978-93-86954-45-9	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/26.pdf">https://arunachalacollege.com/journals/Publication/2019/26.pdf</a>
27	N.Anitha, A.Uma, M.K .Anitha	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	Ant Colony Optimization Algorithm and its Application	978-93-86954-45-9	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/27.pdf">https://arunachalacollege.com/journals/Publication/2019/27.pdf</a>
28	M. V. Reena, Mrs.T J Sasikala, N P Arul Mary,	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	Cluster analysis of water quality parameters of water samples from kurumbanai to Melmidalam in Kanyakumari district	978-93-86954-45-9	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/28.pdf">https://arunachalacollege.com/journals/Publication/2019/28.pdf</a>



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Sl. No.	Name of the Teacher	Title of the books/Chapters/ Conference Proceedings Published	Title of the paper	ISBN number of the Proceedings	Name of the Publisher	Link
29	Mrs.JK.Dhivya	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	Significance of ICT in Education	978-93-86954-45-9	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/29.pdf">https://arunachalacollege.com/journals/Publication/2019/29.pdf</a>
30	Mrs.R.Jothi, Mr.P.Brightson	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	Retrofitting Of Existing RCC Buildings By NDT's Assessment Method	978-93-86954-45-9	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/30.pdf">https://arunachalacollege.com/journals/Publication/2019/30.pdf</a>
31	Mrs.M.Amutha, Mrs. S. A. Lavanya	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	Clash Resolving Methods With BIM Based Software On The Construction Project	978-93-86954-45-9	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/31.pdf">https://arunachalacollege.com/journals/Publication/2019/31.pdf</a>



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Sl. No.	Name of the Teacher	Title of the books/Chapters/Conference Proceedings Published	Title of the paper	ISBN number of the Proceedings	Name of the Publisher	Link
32	Mrs.M.Jothi Lekshmi, Ms.C.Gayathri	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	Implementation Barriers of Green Building Design in Indian Construction Industry	978-93-86954-45-9	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/32.pdf">https://arunachalacollege.com/journals/Publication/2019/32.pdf</a>
33	Mr.M.John Paul, Mrs.T.Rathika	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	Cost Overrun And Delay Analysis Using PLS-SEM Software	978-93-86954-45-9	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/33.pdf">https://arunachalacollege.com/journals/Publication/2019/33.pdf</a>
34	Mrs.J.Sahaya Nisha, Ms.R.Rathiga,	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	Construction Project Scheduling With Time Optimization By Using MSP	978-93-86954-45-9	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/34.pdf">https://arunachalacollege.com/journals/Publication/2019/34.pdf</a>



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35	Mrs.K.Indhu Lekha,US Divya	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	Experimental Study With Analysis And Design Of Ferrocement Folded Plates	978-93-86954-45-9	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/35.pdf">https://arunachalacollege.com/journals/Publication/2019/35.pdf</a>
36	Mrs.N.Ajitha D.R.Divya	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	A Study On Safety Management In Construction Project	978 -93-86954-45-9	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/36.pdf">https://arunachalacollege.com/journals/Publication/2019/36.pdf</a>
37	Mrs.V.Monisha, Mr.J.R.Julius	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	A Review on Off-Site Modular Construction as A Method Of Improving Construction Quality and Safety	978-93-86954-45-9	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/37.pdf">https://arunachalacollege.com/journals/Publication/2019/37.pdf</a>



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38	Mr.S.T.Namitha Sheen, Mr.T.Ancilin Uresh	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	Low Cost Roofing Tiles Using Agricultural Waste	978-93-86954-45-9	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/38.pdf">https://arunachalacollege.com/journals/Publication/2019/38.pdf</a>
39	Mrs.L.Philominal Judit, Mrs.K.S.Kisho shakina	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	A Feasibility Study On Cement With Addition Of Prosopis Juliflora Ash As In Concrete	978-93-86954-45-9	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/39.pdf">https://arunachalacollege.com/journals/Publication/2019/39.pdf</a>
40	Ms.J.Shiny Mol, Mrs.V.Tharini	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	Bacterial Concrete in Concrete Technology	978-93-86954-45-9	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/40.pdf">https://arunachalacollege.com/journals/Publication/2019/40.pdf</a>



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41	Mr.A.S. Monikandan, Ms.R. Ithaya	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	Automatic Generation Control of Single and multiarea Power System using PI and Fuzzy Logic Controller	978-93-86954-45-9	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/41.pdf">https://arunachalacollege.com/journals/Publication/2019/41.pdf</a>
42	Mrs.M.Suthanthira, Ms.S.Anish	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	Synchronous Generator Fed Wind-Turbine In Isolated Network	978-93-86954-45-9	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/42.pdf">https://arunachalacollege.com/journals/Publication/2019/42.pdf</a>
43	Dr.C. Agees Kumar	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	Grid-connected desalination facility powered by renewable energy sources using Hybrid PSO-GWO	978-93-86954-45-9	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/43.pdf">https://arunachalacollege.com/journals/Publication/2019/43.pdf</a>



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44	Dr. Mary A G Ezhil, Mrs.R.Anuja	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	Comparision Of Two DOF FOPID Controller And Fuzzy FOPID Controller For Industrial Process With Dead Time	978-93-86954-45-9	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/44.pdf">https://arunachalacollege.com/journals/Publication/2019/44.pdf</a>
45	Mr.A. Arunkumar	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	A Review Of Hybrid Renewable Energy Systems For Electric Power Generation	978-93-86954-45-9	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/45.pdf">https://arunachalacollege.com/journals/Publication/2019/45.pdf</a>
46	Ms.M.Dhiviy a Nycil, Ms.Dayana.J	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	Hybrid Portable Universal Adapter	978-93-86954-45-9	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/46.pdf">https://arunachalacollege.com/journals/Publication/2019/46.pdf</a>



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47	Ms.Babi Monisha. M, Dr. T.S. Sivarani	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	Advanced BCPWM Technique For Acoustic Noise Reduction In Induction Motor Drives	978-93-86954-45-9	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/47.pdf">https://arunachalacollege.com/journals/Publication/2019/47.pdf</a>
48	Ms.M.Dhivya Nycil, Mr. O.Jeba Singhv	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	Harmonic reduction using Space Vector Based Bus Clamping PWM Technique	978-93-86954-45-9	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/48.pdf">https://arunachalacollege.com/journals/Publication/2019/48.pdf</a>
49	Mrs.Subha Darathy C	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	Entropy-Based Breast Cancer Detection from Histopathological Images using Inception Recurrent Residual Convolutional Neural Network	978-81-934604-4-3	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/49.pdf">https://arunachalacollege.com/journals/Publication/2019/49.pdf</a>



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50	Ms.S. Sindhuja	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	IOT-Based Secure Smart Monitoring Application Using Identity-Based Encryption (IBE) Algorithm	978-81-934604-4-3	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/50.pdf">https://arunachalacollege.com/journals/Publication/2019/50.pdf</a>
51	Mrs.Ashlin Jenitha	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	Dempster-Shafter Theory based Authentication and Intrusion Detection for security MANET using Multimodal Biometrics	978-81-934604-4-3	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/51.pdf">https://arunachalacollege.com/journals/Publication/2019/51.pdf</a>
52	Mrs.J.Berlin Rose, Mrs.J.A.AntonJoshila	Multidisciplinary Research in Global Challenges and Perspectives of sustainable Development	Data Breach False Detection In Cybercrime Using Alignment Technique	978-81-934604-4-3	Everscience Publication	<a href="https://arunachalacollege.com/journals/Publication/2019/52.pdf">https://arunachalacollege.com/journals/Publication/2019/52.pdf</a>



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74	R.Ablin, A.M.Asbel Shiny, G.Starlin Beula	Wireless communication		978-93-92748-51-6	Arunachala Publications	<a href="https://arunachalacollege.com/journals/Publication/2019/74.pdf">https://arunachalacollege.com/journals/Publication/2019/74.pdf</a>