



**Dr. C. M. Jadhao**  
(Principal)

**Mr. D. P. Patil**  
(Chairman)

## NAAC-DVV CLARIFICATION

Metric ID	Metric
3.3.2	Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

### HEI Input: 14

Year	2018-2019	2019-2020	2020-2021	2021-2022	2022-2023
Number	00	00	00	06	08

DVV Findings	Response of HEI
Please submit the cover page, table of contents, and the first page of the chosen publication, along with a web link for books.	<b>The cover page, table of contents, and the first page of the chosen publication, along with a web link for books is submitted.</b>

### HEI Response Documents:

1	A List of research paper, international conference proceedings content page	<a href="#">View Proof</a>
2	A web link for books	<a href="#">View Proof</a>
3	The first page of the chosen publication, along with a web link for books the cover page, table of contents,	<a href="#">View Proof</a>




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**College of Engineering &**  
**Technology, Shegaon**

3.3.2 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five year											
Sl. No.	Name of the teacher	Title of the book/chapters published	Title of the paper	Title of the proceedings of the conference	Name of the conference	National / International	Calendar Year of publication	ISBN number of the proceeding	Affiliating Institute at the time of publication	Name of the publisher	Link
<b>A.Y. 2022-23</b>											
1	Dr. C.M. Jadhao	--	Inclusive Pedagogy: Crucial to increase Gross Enrolment Ratio in Higher Education Institutions	AICP-College News-January-March 2023	AICP's Silver Jubilee National Conference on National Education Policy (NEP) 2020: Opportunities, Challenges and Road Ahead	National	2023	--	Mauli Group of Institution's, College of Engineering & Technology, Shegaon.	Association of Indian College Principals	<a href="https://www.researchgate.net/publication/368510137_Inclusive_Pedagogy_Crucial_to_increase_Gross_Enrolment_Ratio_in_Higher_Education_Institutions">https://www.researchgate.net/publication/368510137_Inclusive_Pedagogy_Crucial_to_increase_Gross_Enrolment_Ratio_in_Higher_Education_Institutions</a>
2	Dr. M. A. Beg	Techno-societal 2022.	Transmission Line Fault Detection and Classification: ANN Approach	Advanced Technologies for Societal Applications	Techno-Societal 2022	International	2022	DOI : 10.1007/978-3-031-34648-4	Mauli Group of Institution's, College of Engineering & Technology, Shegaon.	Springer Nature	<a href="https://link.springer.com/chapter/10.1007/978-3-031-34648-4_10">https://link.springer.com/chapter/10.1007/978-3-031-34648-4_10</a>
3	Dr. P. M. Ardhapurkar	--	Inclusive Pedagogy: Crucial to increase Gross Enrolment Ratio in Higher Education Institutions	AICP-College News-January-March 2023	AICP's Silver Jubilee National Conference on National Education Policy (NEP) 2020: Opportunities, Challenges and Road Ahead	National	2023	--	Mauli Group of Institution's, College of Engineering & Technology, Shegaon.	Association of Indian College Principals	<a href="https://www.researchgate.net/publication/368510137_Inclusive_Pedagogy_Crucial_to_increase_Gross_Enrolment_Ratio_in_Higher_Education_Institutions">https://www.researchgate.net/publication/368510137_Inclusive_Pedagogy_Crucial_to_increase_Gross_Enrolment_Ratio_in_Higher_Education_Institutions</a>
		--	--	--	5th International Conference on Frontiers in Materials Engineering and Nano Technology(ICF-MET)	International	2023	--	Mauli Group of Institution's, College of Engineering & Technology, Shegaon.		
4	Rahul B. Ingle	Food Produce Waste into Fertilizer by Solar Energy.	--	--	--	International	2022	978-93-5659-100-4	Mauli Group of Institution's, College of Engineering & Technology, Shegaon.	Kindle -Amazon.	<a href="https://www.amazon.in/dp/B0B5LVRMJ1?ref=cm_sw_r_cp_ud_dp_WZ30NN10FF07EATMZPB7">https://www.amazon.in/dp/B0B5LVRMJ1?ref=cm_sw_r_cp_ud_dp_WZ30NN10FF07EATMZPB7</a>
		Productivity Techniques	--	--	--	International	2022	978-93-5680-781-5	Mauli Group of Institution's, College of Engineering & Technology, Shegaon.	Kindle -Amazon.	<a href="https://www.amazon.com/PRODUCTIVITY-TECHNIQUES-Rahul-Bhagwan-Ingle/dp/9356807817">https://www.amazon.com/PRODUCTIVITY-TECHNIQUES-Rahul-Bhagwan-Ingle/dp/9356807817</a>
5	Prof. V. A. Ghodeswar	Techno-societal 2022.	Transmission Line Fault Detection and Classification: ANN Approach	Advanced Technologies for Societal Applications	Techno-Societal 2022	International	2022	DOI : 10.1007/978-3-031-34648-4	Mauli Group of Institution's, College of Engineering & Technology, Shegaon.	Springer Nature	<a href="https://link.springer.com/chapter/10.1007/978-3-031-34648-4_10">https://link.springer.com/chapter/10.1007/978-3-031-34648-4_10</a>
<b>A.Y. 2021-22</b>											
1	Dr. C.M. Jadhao	--	Secured Communication through the Application of Steganography Technique	Proceeding of Conference on Technologies for Future Cities	Technologies for Future Cities	International	Oct-21	ISBN: 978-93-5565-236-2	Mauli Group of Institution's, College of Engineering & Technology, Shegaon.	Mahatma Education Society (MES)	<a href="https://drive.google.com/file/d/1pLkdVegYi7MseYMd1bUp_xBAk1Xkrh/view">https://drive.google.com/file/d/1pLkdVegYi7MseYMd1bUp_xBAk1Xkrh/view</a>
2	Dr. R. R. Karhe	Medical Imaging and Health Informatics	Machine Learning Approach for Medical Diagnosis Based on Prediction Model	--	--	--	May-22	Print ISBN:9781119819134 Online ISBN:9781119819165	Mauli Group of Institution's, College of Engineering & Technology, Shegaon.	Wiley	<a href="https://online.library.wiley.com/doi/abs/10.1002/9781119819165.ch1">https://online.library.wiley.com/doi/abs/10.1002/9781119819165.ch1</a>
3	Prof. S. S. Mhaske	--	Secured Communication through the Application of Steganography Technique	Proceeding of Conference on Technologies for Future Cities	Technologies for Future Cities	International	Oct-21	ISBN: 978-93-5565-236-2	Mauli Group of Institution's, College of Engineering & Technology, Shegaon.	Mahatma Education Society (MES)	<a href="https://drive.google.com/file/d/1pLkdVegYi7MseYMd1bUp_xBAk1Xkrh/view">https://drive.google.com/file/d/1pLkdVegYi7MseYMd1bUp_xBAk1Xkrh/view</a>
4	Prof. P. V. Thakare	--	Summarization and Timeline Generation Over Evolutionary Tweet Streams	National Conference on Technology for Sustainable Rural Development	NCTSRD-2021	National	2021	--	Mauli Group of Institution's, College of Engineering & Technology, Shegaon.	Department of Mechanical Engineering, Sipna C.O.E.T Amravati, Maharashtra in association with International Engineering Journal for Research and Development (IEJRD)	<a href="http://www.iejrd.com/index.php/%20/article/view/2571">http://www.iejrd.com/index.php/%20/article/view/2571</a>
		--	Design and Implementation of Framework on Summarization of Tweet Streams	AICTE Sponsored National Conference on Multidisciplinary Research and Innovation-21	NCMRI-21	National	2022	--	Mauli Group of Institution's, College of Engineering & Technology, Shegaon.	Department of Electronics and Telecommunication Engineering, Sipna C.O.E.T Amravati, Maharashtra	<a href="https://www.jetir.org/papers/JETIR2204090.pdf">https://www.jetir.org/papers/JETIR2204090.pdf</a>
5	Prof. A. R. Patil	--	Secured Communication through the Application of Steganography Technique	Proceeding of Conference on Technologies for Future Cities	Technologies for Future Cities	International	Oct-21	ISBN: 978-93-5565-236-2	Mauli Group of Institution's, College of Engineering & Technology, Shegaon.	Mahatma Education Society (MES)	<a href="https://drive.google.com/file/d/1pLkdVegYi7MseYMd1bUp_xBAk1Xkrh/view">https://drive.google.com/file/d/1pLkdVegYi7MseYMd1bUp_xBAk1Xkrh/view</a>

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1	Dr. M. A. Beg	Techno-societal 2022.	2022	DOI : 10.1007/978-3-031-34648-4	Springer Nature	<a href="https://link.springer.com/chapter/10.1007/978-3-031-34648-4_10">https://link.springer.com/chapter/10.1007/978-3-031-34648-4_10</a>
2	Rahul B. Ingle	Food Produce Waste into Fertilizer by Solar Energy.	2022	978-93-5659-100-4	Kindle -Amazon.	<a href="https://www.amazon.in/dp/B0B5LVRMJ1?ref=cm_sw_r_cp_ud_dp_WZ30NN10FFQ7EA7MZ_PB7">https://www.amazon.in/dp/B0B5LVRMJ1?ref=cm_sw_r_cp_ud_dp_WZ30NN10FFQ7EA7MZ_PB7</a>
		Productivity Techniques	2022	978-93-5680-781-5	Kindle -Amazon.	<a href="https://www.amazon.com/PRODUCTIVITY-TECHNIQUES-Rahul-Bhagwan-Ingle/dp/9356807817">https://www.amazon.com/PRODUCTIVITY-TECHNIQUES-Rahul-Bhagwan-Ingle/dp/9356807817</a>
3	Prof. V. A. Ghodeswar	Techno-societal 2022.	2022	DOI : 10.1007/978-3-031-34648-4	Springer Nature	<a href="https://link.springer.com/chapter/10.1007/978-3-031-34648-4_10">https://link.springer.com/chapter/10.1007/978-3-031-34648-4_10</a>
<b>A.Y. 2021-22</b>						
1	Dr. R. R. Karhe	Medical Imaging and Health Informatics	May-22	Print ISBN:9781119819134 Online ISBN:9781119819165	Wiley	<a href="https://onlinelibrary.wiley.com/doi/abs/10.1002/9781119819165.ch1">https://onlinelibrary.wiley.com/doi/abs/10.1002/9781119819165.ch1</a>



  
**Dr. C. M. Jadhao**  
**Principal**  
**MGI-COET, Shegaon**  
**PRINCIPAL**  
**Mauli Group of Institutions**  
**College of Engineering & Technology, Shegaon**

# Inclusive Pedagogy: Crucial to Increase Gross Enrolment Ratio in Higher Education Institutions

## **C. M. Jadhao**

Principal, Mechanical Engineering Department,  
Maui Group of Institution's College of Engineering and Technology, Shegaon (MS) – 444 203.

## **P. M. Ardhapurkar**

Professor and Head, Mechanical Engineering Department  
Maui Group of Institution's College of Engineering and Technology, Shegaon (MS) – 444 203.

## **D. S. Dhote**

Principal, BrijlalBiyani Science College, Amravati (MS)– 444 605.

## **Introduction**

National Education Policy (NEP) framed by Government of India in 2020 [1] aims at providing equitable access to the highest quality education for all learners regardless of social or economic background with particular focus on historically marginalized, disadvantaged, and underrepresented groups. It mainly focuses on multidisciplinary and a holistic education, flexibility to learners, creativity and critical thinking, ethics, human and constitutional values, life skills, formative assessment for learning, respecting for diversity in all curriculum, pedagogy, equity and inclusion.

The specific aim is to increase the Gross Enrolment Ratio in higher education including vocational education from 26.3% (2018) to 50% by 2035 through creation of Multidisciplinary Institutions and providing equitable access to quality education to all students, with a special emphasis on underprivileged and Socio-Economically Disadvantaged Groups (SEDGs).

The diversity of the students in Higher Education Institutions (HEIs) would increase with the implementation of NEP 2020. Usually, the diversity of the students refers to differences in disability, gender, race, religion, etc. However, it also refers to many other differences in terms of social status, sexual orientation, age, student status (First-generation students), personality type, etc.

Therefore, a wide range of diversity factors should be considered to address the needs of large number of students enrolled in Multi-disciplinary institutions or Universities. In view of this, the future set of HEIs should be ready to develop responsive and inclusive environment in the campus ensuring access of education to all the students on equitable basis.

The idea of inclusive pedagogy is grounded with the belief that all students are capable to reach the high expectations and goals we set. There are always some external barriers which prevent students from being successful. Therefore, it is necessary to create a learning environment that provides multiple pathways for students to reach their goals. NEP 2020 offers opportunities for students to have choice in learning of different courses and programmes. Similarly, the opportunities should be provided to students to select their choice of demonstrating their learning and performance in the selected courses.

In literature, there are many pedagogical studies [2-6] suggesting various framework and learning theories related to inclusive approach of learning activities and feedback. However, there are few studies particularly on inclusive approach of assessment. Craddock and Mathias [7] suggested to adopt the practice of providing of assessment options to students; however, they noted that the assessment process is little

Home > [Techno-Societal 2022](#) > Conference paper

# Transmission Line Fault Detection and Classification: ANN Approach

Conference paper | First Online: 19 November 2023

pp 97–105 | [Cite this conference paper](#)



**Techno-Societal 2022**

(ICATSA 2022)

Vaibhav A. Ghodeswar & Mirza A. Beg

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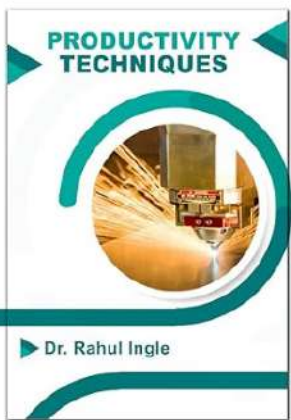
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## Plenary Speakers

**Dr. Agus Budiyo**  
(Indonesia Center of Technology Empowerment, Indonesia)

**Dr. J. M. Chandra Kishen**  
(Professor, IISc Bangalore, India)

## Keynote Speakers

**Ashok Ranade**  
(Project Advisor, Training and Support Services for New High Tech Global Startups, Canada)

**Dr. Dhananjay Tambe**  
(Associate Professor, University of South Alabama, USA)

**Botir Usmonov**  
(Rector of the Tashkent Institute of Chemical Technology, Tashkent Region, Uzbekistan)

**Amit Utkarsh Sinha**  
(CEO & Founder at BasePair Inc, New York, USA)

**Ajay Kumar Mishra**  
(Professor, Durban University of Technology, South Africa)

**Dr. Venkata Reddy Poluru**  
(Associate Professor, AMITY University, Dubai)

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**Dr. Neha Biyani**  
(Research and Development Project Manager at Lantern Pharma, Georgia, USA)

**Rajaram Desai**  
(Senior Project Manager CTARA, IIT Bombay India)

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4<sup>th</sup> International Conference  
on  
“Advanced Technologies for Societal Applications”

## Certificate

This is to certify that VAIBHAV ASHOK GHODESWAR of Mauli Group of Institutions College of Engineering and Technology, Shegaon has presented a research paper entitled Transmission line fault detection and classification: ANN Approach (Paper ID-883) in the International Conference on “Advanced Technologies for Societal Applications: Techno-Societal 2022”, held at Shri Vithal Education & Research Institute (SVERI), Pandharpur, India during 9<sup>th</sup> - 10<sup>th</sup> December 2022.

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Medical Imaging and Health Informatics

Chapter 1

## Machine Learning Approach for Medical Diagnosis Based on Prediction Model

Hemant Kasturiwale ✉, Rajesh Karhe, Hemant Kasturiwale

Book Editor(s): Tushar H. Jaware, K. Sarat Kumar, Ravindra D. Badgujar, Svetlin Antonov

First published: 29 May 2022

<https://doi.org/10.1002/9781119819165.ch1>

### Summary

The electrocardiography is the most crucial biosignals for critical analysis of the heart. The heart is the human body's most vital and variety of control mechanisms that regulate the heart's activities. The heart rate is an essential measure of cardiac function. The heart rate is represented as a time interval equal between two corresponding electrocardiogram (ECG) "R" peaks. The heart rate varies with the heart's state. A machine learning technique is used to categorize the statistical parameters mentioned above to predict the individual's physical state, including sleep, examination, and exercise, based on a physiologically important factor known as HRV. The chapter is focused on uses of manual classified data. Each hospital, clinic, and diagnostic center produces massive quantities of information such as patient records and test results to predict the presence of heart disease and provide care for the early stages. The results are validated and compared with predictions obtained from different algorithms. Classification and prediction are a mining technique that uses training data to construct a model, and then, that model is applied to test data to predict outcomes. Different algorithms are employed to disease datasets to diagnose chronic disease, and the findings have been positive. There is a need to establish an appropriate technique for the diagnosis of chronic diseases. This chapter discusses with insight various kinds of classification schemes for chronic disease prediction. Here, readers will come to choice know machine learning and classifiers made to get knowledge out of datasets.



# Certificate

We are pleased to award this certificate to

**Mr. Pravin V. Thakare**

For contributing the research paper entitled  
Summarization and Timeline Generation Over Evolutionary Tweet Streams

in  
NATIONAL CONFERENCE on  
"TECHNOLOGY FOR SUSTAINABLE RURAL DEVELOPMENT"

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## CERTIFICATE

This is to certify **Pravin Vijay Thakare** of Sipna College of Engineering and Technology, Amravati has contributed the paper titled “Design and Implementation of Framework on Summarisation of Tweet Stream” in AICTE sponsored National Conference on **Multidisciplinary Research and Innovation-21 (NCMRAI-21)** organized by Department of Electronics and Telecommunication Engineering, Sipna College of Engineering & Technology, Amravati held during 28-29 January 2022.

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This Certificate is proudly presented to  
**Ashwini Rameshwar Patil**

From

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Dr. P. S. Goyal  
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Dr. Sandeep M. Joshi  
Convener, CTFC-2021 and Principal, PCE