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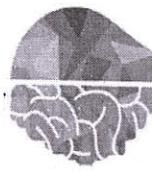
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Registration form

National Conference on
“Recent Advances in Engineering
and Technology”

SAMMANTRANA'20



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Name _____

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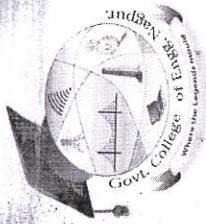
Transaction ID _____

Title of paper _____

Authors _____

On _____
20th February, 2020

Organised by _____



Organizing Committee members

1. Dr. J. B. Randhwara
2. Dr. R. L. Wankhade
3. Prof. S. P. Jolhe
4. Prof. V. P. Titarmare
5. Dr. S. A. Tekade
6. Prof. A. K. Baille
7. Prof. T. N. Kumbhalpuri

REGISTRATION FEES

For paper submission send detail to the given
link sammantrana2019@gmail.com

Student/Research Scholars

(Single participant) :Rs. 1000/-

(two or more participant) :Rs. 500/- per participant

Industry

Rs. 3000/-

No accommodation, TA DA will be provided

Important Dates

Abstract Submission :- 25th Jan , 2020

Full Length Paper :- 10th Feb, 2020

Registration :- 15th Feb, 2020

Conference :- 20th Feb, 2020

Signature of Participants _____

Signature of Principal _____

Seal of Institute _____

Place _____

Date _____

**Government College of
Engineering, Nagpur**

Sector 27, Milan Rehabilitation Colony,
Khapri (Railway)
Nagpur, Maharashtra, INDIA 441108.

www.gcoen.ac.in

About the institute

Govt. College of Engineering, Nagpur has been established in the academic year 2016-17 in Nagpur – a fast developing city and the second capital of Maharashtra. It is located in the prime area of Mihan – an ambitious project of Govt. of India.

This young institute has already conducted 12 workshops and training programme's for technical upgradation of students, faculty as well as non-teaching staff. It has signed 12 MOU's with prime institutes such as VNIT for infrastructural development, S.P. College, Mumbai for R & D and student exchange programmes, MCED-Maharashtra Centre for Entrepreneurship Development for development of budding entrepreneurs, Govt. College of Engineering, Chandrapur and Govt. College of Engineering Jalgao for Training Placement and academic development of students.

In a short span, the institute has taken efforts for strengthening the Industry-Institute Interaction to prepare the technocrats for the corporate world by introducing them to various expectations of the industry from the academia.

Call for Paper

Civil Engineering:-

Bridge/Highway Engineering, Computational Mechanics, Construction Technology, Disaster Prevention and Mitigation, Construction Management Earthquake Engineering, Structural Engineering Environmental Management, Eco-Friendly Construction, Geological Engineering, Geotechnical Engineering, Hydraulic Engineering, Composite Material/ Structure, Monitoring and Control Of Structures, Safety Management, Surveying Engineering, Climate Changes.

Mechanical Engineering:-

Automobile Engineering Heat Transfer, IC Engine, HVAC Engineering Mechanics, Green Manufacturing Corrosion and Reliability, Lean Manufacturing Advanced Welding Technology Design of Machine Element Mechanical Design of Robotics System Supply Chain Management Green Supply Chain Management Total Quality Management (TQM) Precision Fluid Power control Refrigeration and Air Conditioning, Theory of Thermal Stresses Thermal system Analysis

Electrical Engineering:-

Adaptive Piezoelectric energy harvesting circuit, Advancements in Inverter Technology for Industrial Applications, Wireless power theft monitoring, Artificial intelligence in power station, Application of micro-controller in vehicle monitoring and security system, Artificial Neural Networks Based Power System Restoration, Automated Advanced Distribution System Advanced Signal Processing Schemes for Power Line Communication, Smart Grid Technology, Renewable Energy Systems, Electrical Machinery.

Computer Science Engineering:-

Wireless Sensor Networks, MANETS, Computer Architecture and Real time Systems Database, Data Mining, Information retrieval Dependable, reliable and autonomic computing Distributed and parallel system & algorithms DSP/Image, Processing/Pattern Recognition Embedded system and software Game and software engineering, GIS/GNSS Grid

Electronic & Telecom Engineering:-

Spin Electronics Devices, Artificial Hand Using Embedded System, Applications of Nanotechnology in Electronics, Advanced Wireless Communications, Importance of Verichip in Electronics, The Evolution and Improvement of the ARM Architecture, Context Monitoring of a Patient Using Wireless Networks, Digital Communication, Optical Communication, Digital System Design, Satellite Communication, VLSI Technology, Embedded System Design Microprocessor And Micro controller.

Publication

Accepted paper will be published in conference proceedings and selected papers will be published in International Journal of Emerging Trends in Engineering & Basic Sciences, ISSN: 2349-6967

Paper Format

Paper Template is available on college website www.gcoen.ac.in

Contact us

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Conference Objectives

- 1)The National conference on “Recent advances in Engineering and Technology” is the premier platform for presentation of new advances and research result in various engineering fields.
- 2) To discuss the emerging technologies in below mentioned areas
- 3) To provide an opportunity to participants to interact and establish network with researchers and industry experts.

Paper title (16 Bold)

First Author¹, Second Author² (14)

¹(Department, College/ University Name, Country Name) (10 Italic)

²(Department, College/ University Name, Country Name) (10 Italic)

Abstract (11Bold) :- The abstract should summarize the content of the paper. Try to keep the abstract below 200 words. Do not make references nor display equations in the abstract. The journal will be printed from the same-sized copy prepared by you. Your manuscript should be printed on A4 paper (21.0 cm x 29.7 cm). It is imperative that the margins and style described below be adhered to carefully. This will enable us to keep uniformity in the final printed copies of the Journal. Please keep in mind that the manuscript you prepare will be photographed and printed as it is received. Readability of copy is of paramount importance.

Keywords (11Bold) :- About five key words in alphabetical order, separated by comma

I. INTRODUCTION (11 BOLD)

The introduction of the paper should explain the nature of the problem, previous work, purpose, and the contribution of the paper. The contents of each section may be provided to understand easily about the paper. (10)

II. HEADING S(11 BOLD)

The **headings** and **subheadings**, starting with "1. Introduction", appear in upper and lower case letters and should be **set in bold and aligned flush left**. All headings from the Introduction to Acknowledgements are numbered sequentially using 1, 2, 3, etc. Subheadings are numbered 1.1, 1.2, etc. If a subsection must be further divided, the numbers 1.1.1, 1.1.2, etc.

The font size for **heading is 11 points bold face** and **subsections with 10 points and not bold**. Do not underline any of the headings, or add dashes, colons, etc. (10)

III. INDENTATIONS AND EQUATIONS(11 BOLD)

The first paragraph under each heading or subheading should be flush-left, and subsequent paragraphs should have a five-space indentation. A colon is inserted before an equation is presented, but there is no punctuation following the equation. All equations are numbered and referred to in the text solely by a number enclosed in a round bracket (i.e., (3) reads as 'equation 3'). Ensure that any miscellaneous numbering system you use in your paper cannot be confused with a reference [4] or an equation (3) designation. (10)

IV. FIGURES AND TABLES(11 BOLD)

To ensure a high-quality product, diagrams and lettering MUST be either computer-drafted or drawn using India ink.

Figure captions appear below the figure, are flush left, and are in lower case letters. When referring to a figure in the body of the text, the abbreviation "Fig." is used. Figures should be numbered in the order they appear in the text.

Table captions appear centered above the table in upper and lower case letters. When referring to a table in the text, no abbreviation is used and "Table" is capitalized. (10)

V. CONCLUSION (11 BOLD)

A conclusion section must be included and should indicate clearly the advantages, limitations, and possible applications of the paper. Although a conclusion may review the main points of the paper, do not replicate the abstract as the conclusion. A conclusion might elaborate on the importance of the work or suggest applications and extention. (10)

VI. ACKNOWLEDGEMENTS (11 BOLD)

An acknowledgement section may be presented after the conclusion, if desired. (10)

REFERENCES (11 BOLD)

This heading is not assigned a number.

A reference list **MUST** be included using the following information as a guide. Only *cited* text references are included. Each reference is referred to in the text by a number enclosed in a square bracket (i.e., [3]). References **must be numbered and ordered according to where they are first mentioned in the paper, NOT alphabetically.**

Examples follow:

Journal Papers:

- [1] M Ozaki, Y. Adachi, Y. Iwahori, and N. Ishii, Application of fuzzy theory to writer recognition of Chinese characters, *International Journal of Modelling and Simulation*, 18(2), 1998, 112-116. (9)

Note that the journal title, volume number and issue number are set in italics.

Books:

- [2] R.E. Moore, *Interval analysis* (Englewood Cliffs, NJ: Prentice-Hall, 1966). (9)

Note that the title of the book is in lower case letters and italicized. There is no comma following the title. Place of publication and publisher are given.

Chapters in Books:

- [3] P.O. Bishop, Neurophysiology of binocular vision, in J.Houseman (Ed.), *Handbook of physiology*, 4 (New York: Springer-Verlag, 1970) 342-366. (9)

Note that the place of publication, publisher, and year of publication are enclosed in brackets. Editor of book is listed before book title.

Theses:

- [4] D.S. Chan, *Theory and implementation of multidimensional discrete systems for signal processing*, doctoral diss., Massachusetts Institute of Technology, Cambridge, MA, 1978. (9)

Note that thesis title is set in italics and the university that granted the degree is listed along with location information

Proceedings Papers:

- [5] W.J. Book, Modelling design and control of flexible manipulator arms: A tutorial review, *Proc. 29th IEEE Conf. on Decision and Control*, San Francisco, CA, 1990, 500-506 (9)