



Vol. 10 Issue 06, June 2020

Impact Factor: 7.119



# *International Journal of Management, IT & Engineering*

*International Journal of Management, IT & Engineering (IJMIE)*

**(ISSN: 2249-0558)**

Website: [www.ijmra.us](http://www.ijmra.us)

Email id: [editorijmie@gmail.com](mailto:editorijmie@gmail.com)

Double-Blind, Peer Reviewed, Refereed and Open Access International Journal

**International Journal of Management, IT & Engineering (IJMIE)**  
**(ISSN: 2249-0558), Vol. 10 Issue 06, June 2020, Impact Factor: 7.119**

## Chief Patron

**Dr. JOSE G. VARGAS-HERNANDEZ**

Member of the National System of Researchers, Mexico  
Research professor at University Center of Economic and Managerial Sciences,  
University of Guadalajara

Director of Mass Media at Ayuntamiento de Cd. Guzman  
Ex. director of Centro de Capacitacion y Adiestramiento

**DR. RAMACHANDRAN GURUPRASAD**

Scientist, Knowledge and Technology Management Division (KTMD),  
National Aerospace Laboratories.

## Patron

**Dr. Mohammad Reza Noruzi**

PhD: Public Administration, Public Sector Policy Making Management,  
Tarbiat Modarres University, Tehran, Iran  
Faculty of Economics and Management, Tarbiat Modarres University, Tehran, Iran  
Young Researchers' Club Member, Islamic Azad University, Bonab, Iran

**Dr. Pinnamaneni Bhanu Prasad**

Vision Specialist, Matrix vision GmbH, Germany  
Visiting Scientist, Indian Statistical Institute, Bangalore  
Professor of C.S.E, Rajalakshmi Engineering College, Chennai  
Consultant, TIFAC-CORE for Machine Vision, India  
Consultant, Nanchil Technologies, Chennai, India  
Advisor, Keleenn Technology, France  
Advisor, MD Ingenierie, France  
Advisor, Shubham Automation & Services, Ahmedabad, India  
Advisor, Appasamy Associates, Chennai, India

## Editor-in-chief

**Dr Tsung Hung Lee**

Professor,  
Graduate School of Leisure and Exercise Studies  
National Yunlin University of Science & Technology  
123, section 3, University Road, Touliu, Yunlin, Taiwan 640

**Dr. (Professor) S. A. Tabish**

FRCP (London), FACP, FAMS, FRCP (Edin), MHA (AIIMS)  
FRIPH (England), FIMSA, MHSM (London), MBBS  
Postdoctoral Fellowship, Faculty of Medicine  
University of Bristol (England)  
Fellow New York Academy of Sciences

**International Journal of Management, IT & Engineering (IJMIE)**  
**(ISSN: 2249-0558), Vol. 10 Issue 06, June 2020, Impact Factor: 7.119**

## **International Editorial Board**

**Dr. N. Kavitha**

Department Of Management,  
College Of Business And Economics, Mekelle University, ETHIOPIA

**Dr. Roli Pradhan**

Mechanical Engg. Deptt., Nitttr Bhopal, INDIA

**Dr. Sanjay Aswale**

Head And Research Guide,  
Department Of Commerce, Scs College Omerga

**Dr. Farah Naaz Gauri**

Associate Professor, Department Of Commerce,  
Dr. Babasaheb Ambedkar Marathwada University, Aurangabad 431 001, (M.S), India.

**Prof. Dr. Badar Alam Iqbal**

Professor,  
Department Of Commerce, Aligarh Muslim University, 202002 (Up) India.

**Dr. Jigar VITthalbhai Patel**

Associate Professor,  
Kalol Institute Of Management, Affiliate With Gujarat Technological University (Gtu)

**Dr. Manisha Singhai**

Assistant Professor,  
Prestige Institute Of Management And Research, Indore, INDIA

**Prof. (Dr.) Bharat Raj Singh**

Director (R & D) And Hod-ME, School Of Management Sciences,  
Kashimpur-Biruha, Near Gosainganj, Nh-56, Lucknow-227125, Up, India

**Dr. Gajendra Singh**

Associate Professor, School Of Management,  
Doon University, Mothrowala Road, Kedarpur, Po Ajabpur, Dehradun, Uttarakhand-248001, India

**Dr. S. N. TAKALIKAR**

Principal,  
St. Johns Institute of Engineering, PALGHAR (M.S.), INDIA

**Dr. RAMPRATAP SINGH**

Professor, Bangalore Institute of International Management, (BIIM),  
Bangalore University, Bangalore - 560 059, KARNATAKA

**Prof GURSEL ILIPINAR**

ESADE Business School,  
Department of Marketing, Av. Pedralbes, 60-62, E-08034, BARCELONA, SPAIN

**Dr. ZEESHAN AHMED**

Software Research Eng,  
Department of Bioinformatics, Biocenter, University of Wuerzburg, GERMANY

**Dr. Y. LOKESWARA CHOUDARY**

Asst. Professor Cum Head (Academics) PG & Research,  
SRM B-School, SRM University, Vadapalani, CHENNAI, INDIA

**Prof. Dr. TEKI SURAYYA**

Professor and Head, Department of Management Studies, Adikavi Nannaya University,  
Rajahmundry-533105, ANDHRA PRADESH, INDIA

**Dr. T. DULABABU**

Professor & Principal, Nimra College of Business Management,  
The Oxford College of Business Management, BANGALORE- 560 102, INDIA

**Dr. A. ARUL LAWRENCE SELVAKUMAR**

Professor, Department of Computer Science Engineering,  
Adhiparasakthi Engineering College, MELMARAVATHUR, TN.

**Dr. S. D. SURYAWANSHI**

Lecturer, Mech. Engg. Department,  
College of Engineering Pune, SHIVAJINAGAR, PUNE-411005(MAHARASHTRA), INDIA

**Dr. S. KALIYAMOORTHY**

Professor & Director,  
Alagappa Institute of Management, Alagappa University, KARAIKUDI, INDIA

**Dr Sandeep Bansal**

Dept of Commerce,  
Indira Gandhi National College Ladwa, Kurukshetra,INDIA

**Prof SANJAY ASATI**

Dept of ME,  
M. Patel Institute of Engg. & Tech., GONDIA(M.S.)

**Dr. Gajendra Singh**

Associate Professor,  
School of Management, Doon University, Mothrowala Road, Kedarpur, Dehradun, INDIA

**Dr.R.P.C.S.Rajaram**

Assistant Professor ,  
Kalasalingam University, 91/C,P.K.S.A.Arumuga Nadar Road, Sivakasi

**Dr. D. R.Prajapati**

Assistant Professor,  
Mech. Engg. Deptt., PEC University Of Technology, Sector-12, Chandigarh, INDIA

**Dr A. Justin Diraviam**

Assistant Professor,  
Sardar Raja College Of Engg, Alangulam, Tirunelveli, INDIA

**Dr.V.S.Sreebalaji**

PRINCIPAL,  
Thamirabharani Engineering College, Tirunelveli, Tamilnadu 627 357, INDIA

**Dr.B.C.M.Patnaik**

Associate Professor,  
School Of Management, KIIT University, Bhubaneswar, Odisha, INDIA

**Dr. V.Balamurugan**

Professor/CSE, Einstein College Of Engineering, Tirunelveli,INDIA

**Dr. Jatinderkumar R. Saini**

Associate Professor & Head,Department Of Computer Science (MCA),  
S. P. College Of Engineering, Visnagar, Mehsana, Gujarat, INDIA

**Dr Abhigyan Bhattacharjee**

Assistant Professor , Department Of Commerce, Assam University, Diphu Campus,INDIA

**Dr. Himanshu Aggarwal**

Associate Professor, Dept. of Computer Engineering, Punjabi University, Patiala,INDIA

**Dr. Om Prakash Rishi**

Department Of Computer Science & Engineering,  
School Of Engineering & Technology, Central University Of Rajasthan, Kishangarh, Ajmer

**Rajiv Kumar Nath**

Associate Professor, School Of Computer Engineering And Application, IFTM University,

**Md. Nazmul Hossain**

Lecturer, Department Of Marketing, Faculty Of Business Studies, University Of Dhaka

**Dr. S. Kaliyamoorthy**

Director, Alagappa Institute Of Management, Alagappa University, Karaikudi ,Tamilnadu

**Dr. Sarit Pal**

Professor, Department Of Electronics And Communication Engineering,  
Dr. B. C. Roy Engineering College, Durgapur, INDIA

**Dr. Manjit Das**

Assistant Professor, Deptt. Of Economics, M.C.College, Barpeta, Assam. INDIA

**Dr. A. Vijayakumar**

Associate Professor, Deptt. of Commerce,  
Erode Arts And Science College, Erode-638009, Tamilnadu, INDIA

**N. Venkatesan**

Professor, Bharathiyar College Of Engineering & Technology, Karaikal, Pudhucherry State - 609609

**Dr. (Ms.) Priti Suman Mishra**

Assistant Professor, NIILM-CMS, Greater Noida, INDIA

**Dr N.G.S.Prasad**

Prof & Hod ,Swarn Andhra Institute Of Engineering & Technology ,Narsapur,INDIA

**Nrip Jit**

Associate Professor, M-107, Beant College Of Engineering & Technology, Nh-15, Gurdaspur,

**Prof. Dr. V. Balachandran**

School Of Management, Alagappa University, Karaikudi ,INDIA

**Dr. S.S. Riaz Ahamed**

Principal, Sathak Institute Of Information Technology ,Ramanathapuram, Tamilnadu, INDIA

**Dr. Vishnu Narayan Mishra**

B.Sc.(Gold Medalist), M.Sc. (Double Gold Medalist),  
Ph.D. (I.I.T. Roorkee), Assistant Professor of Mathematics, Sardar Vallabhbhai National Institute of  
Technology, Surat - 395 007 (Gujarat) ,INDIA

**Shashi Bhushan Lal**

Scientist (Computer Application), Centre for Agricultural Bioinformatics,  
Indian Agricultural Statistics Research Institute, Library Avenue, Pusa New Delhi-110012,

**Dr. Rafiqul Zaman Khan**

Associate Professor, Department of Computer Science, Aligarh Muslim University, Aligarh-202002

**Dr. Mohammad Israr**

Principal, Balaji Engineering College, Junagadh, Gujarat-362014, INDIA

**Dr. P.S. Ravindra**

Associate Professor & HOD, Miracle School of Management,  
Miracle Educational Society Group of Institutions, Kongavanipalem, Mukkam (Post), Bhogapuram

**Dr S. KISHORE REDDY**

Associate Professor ,DEPARTMENT OF ELECTRICAL ENGINEERING, Adama Science & Technology  
University, ETHIOPIA

**Dr. Pradip Kumar Das**

Associate Professor & Teacher-in-Charge, Commerce Unit, J.K.College, Purulia(W.B.), INDIA

**Dr. Nalla Bala Kalyan**

Associate Professor,  
Department of Management Studies, Sri Venkateswara College of Engineering, Tirupati-517507, A.P,

**Khotamov Komil Rabbimovich**

Doctor of Sciences in Economics (DSc), Head of "Accounting, analysis and audit" department of the  
Banking and Finance Academy of the Republic of Uzbekistan, Uzbekistan

**Prof Dr. Samrendra Sharma**

Ex. Principal SMDRSD College Pathankot and Member Punjab Public Service Commission Patiala (PPSC)  
Former Vice-Chancellor Arni University Himachal Pradesh, India  
Presently Chairman of BHARTIYA UTTHAN SANGH (Regd.)

**Disclaimer**

The accountability of the research matter articulated in this journal is entirely of the author(s) concerned. The view expressed in the research papers/articles in this journal does not essentially correspond to the views of the publisher/editor. The publisher/editor of the journal is not liable for errors or any consequences arising from the exercise of information contained in it.