ARTS, SCIENCE & COMMERCE COLLEGE, KOLHAR



AP: Kolhar, Taluka-Rahata, District: Ahmednagar, Maharashtra, India. Pincode: 413710

Affiliated to

Savitribai Phule Pune University, Pune

Virtual International Multidisciplinary Conference

on

RECENT ADVANCES IN HUMANITIES, COMMERCE AND SCIENCE

(RAHCS-2022)

10th February 2022

Organized By Departments of

English	Economics	Geography	Commerce	Library Science
Marathi	Political Science	Zoology	Chemistry	Computer
Hindi	History	Physics	Botany	Mathematics

Registration: https://forms.gle/ju2LHRPEoBCj211W9

Email- apkpune10@gmail.com

CHIEF PATRON

Hon'ble Shri. RadhakrishnaVikhe Patil

Chairman,

Zuan man, RalacahahVikha Patil

Loknete Dr. BalasahebVikhe Patil (Padmbhushan Awardee)

Pravara Rural Education Society, Pravaranagar.

Hon'ble Shri. Annasaheb Mhaske Patil

Former Minister, Maharashtra State.

Hon'ble Sau. Shalinitai Vikhe Patil Former Chairman, ZillaParishad, Ahmednagar. Hon'bleDr.SujaydadaVikhe Patil Member of Parliament, Ahmednagar Constituency.

Hon'ble Adv. Shri. RajendraVikhe Patil

President and Chanceller,

Pravara Institute of Medical Sciences, Loni

PATRON

Hon'ble Bharat Ghogare Patil
Joint Secretary,

PRES, Pravaranagar (Lonikd.)

Hon'ble Prof. Dr. Somnath Gholap

Co-ordinator,

Non-Technical, PRES, Pravaranagar (Loni kd.)

Dr. Jayshri Singar I/C Principal, ASC College, Satral Hon'ble Shivanand Hiremath Additional CEO, PRES, Pravaranagar (Lonikd.)

Hon'ble Dr. Bhaskarrao Kharde Patil

Director,

PRES, Pravaranagar(Loni kd.)

Hon'ble Members of College Development Committee, ASC College, Kolhar

KEYNOTE ADDRESS

Dr. Praveen G. Saptarshi

Visiting Professor

Salisbury University, USA

RESOURCE PERSONS

BabalolaAyodele Samuel

Dept. of Pure and Applied Zoology, Federal University of Agriculture, Ogun State, Nigeria, Africa **Michael OnyemaEdeh**

Head of Department, Mathematics and Computer Science and also Director, ICT Coal City University, Nigeria

CHIEF ORGANIZING SECRETARY

Dr. Sopan. N. Shingote I/C Principal, ASC College, Kolhar

ORGANIZING SECRETARY

Mr. P. B. Vikhe Dr. Mrs P. V. Kanawade Mrs. S. S. Dhimate Mr. A. K. Kharde Vice Principal & **Assistant Professor & Assistant Professor Assistant Professor** HOD, English & IQAC Coordinator **HOD**, Commerce, **Chemistry** ACS College, Kolhar **ACS** College, Kolhar **ACS College, Kolhar** ACS College, Kolhar

CONVENER

Dr. C.D. Rudraksh
Vice Principal, Professor
of Marathi
ACS College, Kolhar

Mr.P. D. Pulate Vice Principal, & HOD, Zoology ACS College, Kolhar Dr. S. N. Dalimbe Assistant Professor & HOD, Geography ACS College, Kolhar

Mr. S. A. Gonde Assistant Professor & HOD, Economics ACS College, Kolhar

About the Conference

To enhance research and motivate modern techniques and methods, Arts, Science and Commerce College, Kolhar is hosting an International Virtual Conference on **Recent Advances in Humanities**, **Commerce and Science (AHCS-2022)** scheduled on 10th February 2022. This Conference aims to bring together the research scholars, scientists, entrepreneurs, academicians, students and faculties of humanities, commerce, and science for providing international forum for the discussion of innovative ideas, original research practices and advances in the Modern Era. It also focuses on various trends and paradigms that may be applied to the present practical experiences and creative experiments to the diverse socio-economic, political, and commercial issues.

The key motive of RAHCS-2022 is to provide world class platform to share ingenious ideas and experiences with peers expected to join from different parts of the world. In addition to this the gathering will help the delegates to establish research environment as well as to find the international linkage for future collaboration. We hope that RAHCS-2022 outcome will lead to the significant contributions to the knowledge base and to meet the cutting-edge developments in various fields.

Dear Sir /Madam,

It gives us great pleasure to invite you to participate in one days Virtual International Multidisciplinary Conference on "*Recent Advances in Humanities*, *Commerce and Science*" on 10th February 2022. The Conference is being organized by Arts, Science and Commerce College, Kolhar, Tal. Rahata, Dist-Ahmednagar (Maharashtra) and is approved by Savitribai Phule Pune University, Pune.

About the Institute:

Pravara Rural Education Society, Pravaranagar, is one of the most reputed education societies in Maharashtra. It was established in 1964 by Late Padmashri Dr. VitthalraoVikhe Patil, the founder father of sugar co-operative movement in India, to cater to the higher educational needs of the rural masses. Arts, Science and Commerce College, Kolhar is an offspring of such renowned institution. Under the leadership of late Dr. Balasaheb Vikhe Patil (Padmabhushan Awardee), Former Minister for Heavy Industries and Public Enterprises (Govt. of India). Presently Hon'ble Shri. RadhakrishnaVikhe Patil, Chairman, Pravara Rural Education Society, Pravaranagar, Leader of Opposition, Maharashtra Legislative Assembly has shouldered the responsibility of providing the best facilities for the all-round development of students from rural background.

Arts, Science and Commerce College, Kolhar was established in 1999 which is affiliated to Savitribai Phule Pune University, Pune. The college is located at the unique holy shrine of the **Bhagavati Mata** temple, which is between **Shirdi, the holy place of Lord Sai Baba** and **Shani Shingnapur.** The college is accredited by **NAAC** at 'A' grade with CGPA-3.10 in May 2015. It is recognition of great stride made towards the academic excellence.

INTERNATIONAL ADVISORY COMMITTEE

Dr. PravinSaptarshi Emeritus Professor, Indian Inst. Of Cost and Management Studies & Research (IndSearch), Pune.	Dr. B. C. Vaidya Professor, Jawaharlal Nehru University, New Delhi	Dr. Ashok D.Hanjaagi Professor, Department of Geography, Bangalore University, Jnanabharathi, Bangalore
Dr. S. D. Shinde Professor and BOS Chairman, Dept. of Geography, Shivaji University, Kolhapur	NeeshiHeeroo-Luximon Lecturer in Marathi, Mahatma Gandhi Institute, Marathi Department, School of Indian Studies, Mauritius	Dr. M. V. Suryawanshi Head Department of Geography, Dr. BabasahebAmbedkarMarathwada University Aurangabad
Dr. Jyotiram More BOS Chairman, SavitribaiPhule Pune University Head, Department of Geography, B. J. S. College, Wagholi, Pune	Dr. F. M. Nadaf Vice Principal & Professor of Geography DPM's Shree Mallikarjun&Shri. ChetanManju Desai College, Canacona-Goa	Dr. DadasahebGajhanse B.O.S. Chairman Geography Dr. BabasahebAmbedkarMarathwada University, Aurangabad.
Dr. Sunil MadhukarGawade National Petroleum Construction Company, Abu Dhabi Hydrographic Data Processor	Dr. T. N. Lokhande Professor Dept. of Geography, K. B. P. Mahavidyalaya, Pandharpur& BOS Chairman, PAHS University, Solapur	Dr. GajananGhodake Associate Professor. Department of Biological and Environmental Sciences Dongguk University, Seoul, South Korea
Dr. S. D. Shinde Professor and BOS Chairman, Dept. of Geography, Shivaji University, Kolhapur	Dr. V. J. Patil B.O.S. Chairman Geography KavayitriBahinabaiChaudhari North Maharashtra University Jalgaon	Dr. B. M. Bhanje Former BCUD Director, PunyashlokAhilyadeviHolkarSolapur University, Solapur
Dr. D. G. Gatade, Associate Professor and Head, Department of Geography, D.P, Bhosale College, Koregaon	Dr. N. G. Mali Principal, SambhajiMahavidyalaya, Murud B.O.S Member, Swami RamanandTeerthMarathwada University, Nanded	Dr. ParagKhadke HOD Dept. of Geography Swami RamanandTeerthMarathwada University, Nanded
Dr. S. C. Advitote Professor, Head, Department of Geography, C. B. Khedgi'sBasaveshwar College, Akkalkot	Dr. D C Kamble, Associate Professor & Head, Department of Geography, DKASC College, Ichalkaranji,	Dr. Prof. H. B. Rathod Principal Gramin (ACS) Mahavidyalaya, Vasantnagar (Kotgyal), Tal. Mukhed
Prof. Lal Mervin Dharmasiri Senior Professor (Chair) Department of Geography, University of Kelaniya, Kelaniya, Sri Lanka.	Dr. Hafizakhatun Department of Geography and Environment QaziMotiharHossainBhadan, University of Dhaka, Dhaka 1000, Bangladesh	Dr. Muhammad Tahir Khan Assistant Professor Department of Economics and Business Administration Division of Arts and Social Sciences University of Education. Pakistan Phd in Finance (University Malaysia Sarawak)
Dr. Vinod Kumar Bhardwaj Associate Professor Nodal Officer Innovation & Skill Dev. Prog. Commissionerate of College Education Govt. of Rajasthan, Jaipur	Dr. Rajesh Kr. Abhay Assistant Professor Department of Geography, Dyal Singh College University of Delhi, New Delhi	Dr. MahadeoWalunj Principal College of Arts, Bhigwan, Indapur, Dist. Pune Maharashtra
Dr. RanjanKalita Principal Rangapara College, Amaribari, Rangapara, Assam	Rakesh Ch. Sarkar HOD Department of Bengali Rangapara College, Amaribari, Rangapara, Assam	Prin. Dr. VasantBhosle Hon. Dean, Faculty of Commerce and Management & I/c Director, Board of Examination & Evaluation, Swami RamanandTeerthMarathwada University, Nanded

NATIONAL ADVISORY COMMITTEE

SUBJECT	NATIONAL ADVISORY COMMITTEE		
English	Prof. Dr. Ashok Chaskar Chairman of Board of Studies, S.P.P.U., Pune.	Dr. Umesh Jagadale Member of Board of Studies, S.P.P.U., Pune.	Dr. Govind Rasal Assistant Professor of English, Avvaiyar Govt. College for Women, Karaikal, Puducherry.
मराठी	डॉ. गिरीश लांडगे चेअरमन, मराठीअभ्यासमंडळ , सावित्रीबाईफुलेपुणेविद्यापीठ	डॉ. ताहेर पठाण, मराठीविभागप्रमुख, दिल्ली	डॉ. अरुण प्रभुणे, निवृत्तमराठीविभागप्रमुख, अमेरिका
हिंदी	डॉ. सीमाराठौर स्नातकोत्तरहिन्दीविभाग, सरदारपटेलविश्वविद्यालय, वल्लभविद्यानगर-388120 जिल्ला:आनंद, गुजरात	डॉ. प्रकाशचिकुर्डेकर तात्यासाहेबकोरेवारनामहाविद्यालय, वरणानगर, जिलाकोल्हापुर, महाराष्ट्र	डॉ. हनुमंतदशरथजगताप अध्यक्षहिंदीविभाग, न्यूआर्टस्कॉमर्सअँडसायन्सकॉलज, अहमदनगर
Economics	Prof. (Dr.) R. G. Rasal, BOS Chairman in Business Economics, S.P. Pune University	Prof. (Dr.) S. D. Avhad, BOS Member in Economics, S.P. Pune University	Prof. (Dr.) S. T. Kale, BOS Chairman in Economics, S.P. Pune University
History	Dr. Meena Sale, BOS Member in History, S.P. Pune University	Dr. K.L. Giramkar, Senate's Member in History, S.P. Pune University	Prof. (Dr.) B. S. Navthar, ASC College, Rahuri, Ahmednagar
Geography	Dr. Jyotiram More, BOS Chairman in Geography, S.P. Pune University, Pune	Dr. SudhakarPardeshi , Head, Department of Geography, SPPU, Pune	Dr. P. K. Rath, Associate Professor, Department of Geography, Government College, Khandola, Marcel, Goa
Commerce	Prof. (Dr.) J. R. Bhor BOS Member in Cost & Works Accounting, S.P. Pune University, Pune	Prof. (Dr.) G. H.Barhate Principal Arts, Commerce and Science College, Ashoknagar, Ahmednagar, Maharashtra	Dr. D. M. Gujarathi Director Ashoka Business School, Nashik, Maharashtra
Zoology	Dr. B.A. Pawar Professor, Dept. of Zoology, P.V.P. College, Pravaranagar	Dr. A.R. Kurhe Head, Dept. of Zoology, P.V.P. College, Pravaranagar	Dr. Neelkanta S. Wali Professor, Dept. of Zoology, M.S.I. Degree College, Kalaburgi, Karnataka
Chemistry	Dr. A. S. Kumbhar Head, Professor, Department of Chemistry, SavitribaiPhule Pune University, Pune	Dr. Y. D. Bodke Professor Department of Chemistry, Kuvempu University, Karnataka	Dr. D. T. Tayade Professor Government Vidharbha Institute of Science and Humanity, Amravati
Botany	Dr.A. S. Wabale Assi. Prof and Research Guide PVP College, Pravaranagar	Dr.M.N. Kharde Assi. Prof. and Research Guide PVP College, Pravaranagar	Dr.R.D. Borse Head and Associate Professor ACS College, Satral
Library & Information Science	Dr. Sanjay Desale Assistant Librarian, Jayakar Knowledge Resource Centre, SPPU, Pune	ShriPadmamani Jain College, Pabal, Pune	Mr. YogeshDaphal Assistant Librarian,

LOCAL ADVISORY COMMITTEE					
Dr. R. L. Wadmare	Dr. A. A. Vikhe	Ms. A.A. Aher	Mrs. A.B. Labade	Mr. U.O. Yewale	Mr. S. B. Gholap
Dr. P. T. Tupe	Mr. D. S. Shelake	Mr. P. S. Auti	Ms. R. J. Gaikwad	Mr. V. R. Kadu	Mr. S.B. Dighe
Dr. A. B. Pawar	Ms. S. S. Tambe	Mr. B. M. Pehare	Mr. R. V. Ubale	Mr. R. B. Anap	Mr. R. D. Ghogare
Mr.M. E. Wani	Mrs. M. R. Waditke	Miss. P. B. Shirsath	Miss. P. P. Jadhav	Miss. A. N. Shinde	Mr. S.P Mane
Mr. S. K. Waditke					

Contact Details: (For any Query)

Dr. S. N. Dalimbe– 9822629151 Mr. P. D. Pulate - 9921772482 Mrs. S. S. Dhimate– 9834442664 Dr. P. V. Kanawade- 9922444987

SUBJECT THEMES

Marathi	Hindi	English
 २१शतकातीलमराठीसाहित्यापुढीलआव्हाने (कथा, कविता, कादंबरीनाटकआदीसाहित्यप्रकारांच्याअनुषंगाने 	१) भाषाकीअस्मिताऔरहिंदीकावैश्विकसंदर्भ२) २१वीसदीमेहिंदीसाहित्यकेबदलतेप्रवाह	 Recent Trends in English Literature Recent Advances in English Language Translation Studies
Geography	History	Politics
 Water Resource Conservation and Management. Sustainable Farming Systems and Climate Change Socio-economic and Gender Issues in Natural Resource Management Application of Remote Sensing and GIS in Agriculture Geography 	 New Approaches and Trends in History Challenges in Teaching History Social Reformers in Modern India Feminist Movements in the 20th& 21st centuries 	 Trends in International Politics and Contribution to Peace Changing Trends of India's Foreign Policy Contemporary trends in World Politics Role of Citizens in a Democracy

Economics	Commerce	Mathematics
 Present Scenario of Indian and Global Economy Challenges and Prospects in Indian Economy Impact of COVID-19 on Indian Economy MODINOMICS 	 Information Technology in Commerce Human Resource Management and Leadership Financial Management Recent Advances in Commerce and Management 	 Differential Equation and Applications. Applied Algebra Mathematical Modeling and Simulation Numerical Analysis and Methods Fuzzy Mathematics and its Application
Physics	Chemistry	Botany
 Recent Improvements for Utilization of Energy Sources. Recent Trends in Material Science Research 	 Environmental and Green Chemistry Agriculture and Food Chemistry Nanotechnology and Material Science Biochemistry and Medicinal Chemistry 	 Advances in Plant Science Agronomy and Agricultural Research Phytomedicine.
Zoology	Library	Computer Science
 Biodiversity & Ecology Toxicology and Environment Bio-fertilizer & Organic Farming Human Health & Pathology. 	 Social Media and Applications in Libraries. Copyright and Digital Libraries. Emerging Trends and Technologies in Libraries. 	 Emerging Trends and Innovations in ICT Intelligent Computing and Communication Cyber Security

Note:

Sub themes of the conference broadly cover the aspects of "Sustainable Development Goals & Development: Initiatives, Execution and Challenges" but are not limited to the sub themes explicitly mentioned here. Any other good quality research paper that relates to the focal theme may also be considered for presentation and Publication.

TARGET AUDIENCE

Stakeholder & Student	Research Scholars	Academicians	Policy Makers & Regulators.
NGO's and Registered Society/ Trust	Geospatial Technologists	Environmentalists.	Scientist

REGISTRATION FEE DETAILS

	Indian Delegates		
Sr. No	Category	Registration & Publication Fee (RS)	
1	Faculty/ Professionals/ Research Scholars & PG/ UG Students Single Author	800/-	
2	Faculty/ Professionals, ResearchScholars &PG/UGStudents Second EachAuthor Registration Compulsory	200/-	
3	Only Registration for Faculty/ Professionals, ResearchScholars &PG/UGStudents	200/- Only Registration	

If anybody wants second hard copy pay extra charge 550/- RS REGISTRATION

	MODE OF I	PAYMENT	Scan & Pay - Arnav Publication
1	Account Holder Name	Arnav Publication	Regulation and the second seco
2	Name of the Bank	ICICI	
3	Branch	Akluj	
4	Account No	649605074418	
5	IFS Code	ICIC0006496	
6	UPI	ap2021@icici	
	Registration: https://forms.gle/ju2LHRPEoBCj211W9		

IMPORTANT NOTE			
1	DateofConference	10 th Feb 2022	
2	Last date of Paper Submission	05 th Feb 2022	
3	WordLimit	1600-2000	
4	PageLimit	4 pages	
5	Email for submittingresearchpapers	apkpune10@gmail.com	

Registration Link- https://forms.gle/ju2LHRPEoBCj211W9

About Paper Publication:

Authors are invited to submit original papers (not being considered for publication elsewhere) in standard format (that is provided) describing new theoretical and/or experimental research.

Kindly submit your research article/manuscript in .DOC/.DOCX file format to us by mail in English, Hindi, or Marathi atapkpune10@gmail.com

For English

Full paper should be typed in Microsoft Word. The font should be "Times New Roman" with 12 size for matter,16 size in bold for title, 14 size in bold for main headings & 12 size in bold for sub-headings, having line spacing of 1.5 inch and 1 inch custom margin on all sides & A4 Size Paper.

For Marathi & Hindi

Full paper should be typed in Microsoft Word in "Unicode" with font size- 14 for content, 16 bold for title & 14 bold for headings, having line spacing

of 1.5 inch and 1 inch custom margin on all sides.

- For publication related queries Contact:8888454089
- Papers will be published in: UGC Listed Peer-Reviewed Journal, Journal of Research and Development" (ISSN-2230-9578), A Multidisciplinary International Level Referred Journal Peer-Reviewed Journal (Print), Impact Factor 7.265

Paper Submission last date: 5thFeb 2022

• Registration Link; https://forms.gle/ju2LHRPEoBCj211W9

After registration follow this link to join

Please Join the

Inter e-conf. *WhatsApp Group* - 1 https://chat.whatsapp.com/IAupGh6HkqeHPjFzW2TpEH
Inter e-conf. *WhatsApp Group* - 2 https://chat.whatsapp.com/BZkVg4Bbyl9FDYWjBPCBtZ
Inter e-conf. *WhatsApp Group* - 3 https://chat.whatsapp.com/DqJXHu2OnbuGaHf2Uwfuhn

Send Research Papers on following Email ID: apkpune10@gmail.com

UGC Listed Peer-Reviewed Journal
(Up to May 2019)

Journal of Research and Development
(ISSN-2230-9578)

A Multidisciplinary International Level Referred Journal Peer-Reviewed Journal
(Print), Impact Factor 7.265