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अक्तूबर 2022, वर्ष 52, अंक 10 अध्यक्ष एवं प्रबंध निदेशक कमोडोर अमित रस्तोगी (से.नि.) प्रमुख

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नेशनल रिसर्च डिवेलपमेंट कारपोरेशन

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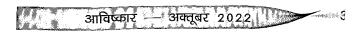
समाचारिकी

वैज्ञानिकों ने प्लास्टिक बोतलों से बनाया हीरा; क्पोषण से लड़ाई में प्रोटीन युक्त चिकन बड़ियां आएंगी काम; सार्स-कोव 2 के सभी प्रभेदों के विरुद्ध कारगर नई ऐंटिवॉडी का विकास; वैज्ञानिकों ने फल-मिरखर्यों के मस्तिष्क को हैक किया; विज्ञान प्रगति को मिला राजभाषा कीर्ति परस्कार; प्रतिरक्षा तंत्र के प्रहरी हैं न्यूट्रोफिल - डॉ. मधु दीक्षित; विद्यार्थियों का वैज्ञानिक मंच है: विद्यार्थी विज्ञान मंथन43-48

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• 'आविष्कार' नेशनल रिसर्च डिवेलपमेंट कारपोरेशन (एनआरडीसी) द्वारा प्रकाशित विज्ञान और प्रौद्योगिकी की लोकप्रिय विज्ञान मासिक पत्रिका है। • 'आविष्कार' में किसी लेख के प्रकाशन हेतु चयन के संदर्भ में संपादक का निर्णय अंतिम होगा। प्रकाशित लेखों और लेखकों द्वारा भेजें गुए चित्रों की मौलिकता के संबंध में लेखक स्वयं उत्तरदायी होंगे। ● 'आविष्कार' में प्रकाशित सामग्री का किसी भी रूप में उपयोग करने से पूर्व संपादक की अनुमति लेना आवश्यक है। • 'आविष्कार' में प्रकाशित किसी यांत्रिक, वैद्युत, इलेक्ट्रॉनिक आदि युक्ति के काम न करने की रिथिति में पत्रिका ∕ एनआरडीसी उसके लिए उत्तरदायी नहीं होगी। • 'आविष्कार' में प्रकाशित विज्ञापनों में किए गए दावों के लिए पत्रिका और एनआरडीसी उत्तरदायी नहीं होगी। आविष्कार का सदस्यता शुल्क: एक प्रति: ₹50; वार्षिक: ₹550, द्विवार्षिक: ₹1,100; त्रिवार्षिक: ₹1,650



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ः, अजमेर समानो मन्त्रः समितिः समानी समानं मनः सहचित्तमेषाम्। समानं मन्त्रमभिमन्त्रये व: समानेन वो हविषा जुहोमि।। समानी व आकृति: समाना हृदयानि व:। समानमस्तु वो मनो यथा व: सुसहासति।। ऋग्वेद

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हंस, वर्ष 37 अंक 3, अक्टूबर, 2022

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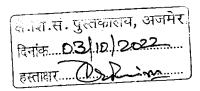
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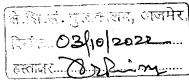
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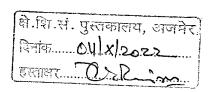
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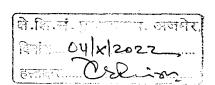
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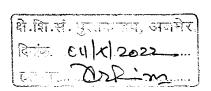
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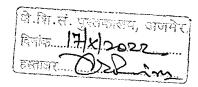
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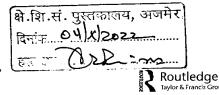
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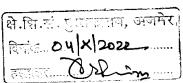
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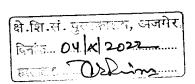
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आश्विन-कार्तिक, संवत्-२०७९ 🌣 अक्तूबर २०२२ य.जी.सी.-केयर लिस्ट में उल्लिखित वर्ष-२८ 💠 अंक-३ 💠 पुष्ट ८४ ISSN 2455-1171 संस्थापक संपादक गीत/ सुरेश अवस्थी १५ साहत्य असत् पं. विद्यानिवास मिश्र 'मैं शबरी हूँ राम की'⁄ *उर्वशी अग्रवाल 'उर्वी'* १९ निवर्तमान संपादक गजलें/ बालस्वरूप राही २७ डॉ. लक्ष्मीमल्ल सिंघवी कविताएँ/ कीर्ति काले श्री त्रिलोकी नाथ चतुर्वेदी ₹₹ कविताएँ/पृष्पा राहीं 39 संस्थापक संपादक (प्रबंध) गजलें/सुरेंद्र चतुर्वेदी 83 श्री श्यामसुंदर 🕰 संपादकीय हिंदी है माथे की बिंदी/ नीता सक्सेना 88 रामकथा प्रबंध संपादक 8 गजलें/ सीमाब सुल्तानपुरी 8/9 🗷 प्रतिरमृति पीयूष कुमार मंजिल तो श्मशान है। चंद्रपाल मिश्र 'गगन' 43 अवतार/ पांडेय बेचन शर्मा 'उग्र' Ę संपादक जागो माँ!/ ऋता शुक्ल 83 ዾ कहानी लक्ष्मी शंकर वाजपेयी मुक्तक/ दिनेश रघुवंशी 83 अज्ञात/ मीरा सीकरी १० इक-दुजे के नाम/ हरकीरत हीर ६९ संयुक्त संपादक अंशदान/ तुलसी देवी तिवारी २० संघर्ष की धूप में/ ऋतु डिमरी नौटियाल *ખ* डॉ. हेमंत कुकरेती पटाखों का पेड़/ मंजरी शुक्ला ३२ 🖾 राम झरोखे बैठ के उप संपादक मैंने अपना नाम बदल लिया है/ अग्निवीर से लेकर ताशवीर तक/ उर्वशी अग्रवाल 'उर्वी' कमलेश भारतीय 80 गोपाल चतुर्वेदी ₹ξ सफेद सियार/ भावना शेखर 48 ⁄ यात्रा-संस्मरण कार्यालय रथ यहाँ पर रुका क्यों/ ४/१९, आसफ अली रोड, नई दिल्ली-०२ एकदा धर्मक्षेत्रे कुरुक्षेत्रे/ प्रेमपाल शर्मा ሄሪ फोन: ०११-२३२८९७७७ शोभा माथुर ब्रिजेंद्र ६६ 🛎 लोक-साहित्य ि ०८४४८६१२२६९ 🖾 लघुकथा धनतेरस पर्व और लोक-संस्कृति/ इ-मेल : sahityaamrit@gmail.com भविष्यफल/ शेफालिका सिन्हा ४२ कुभषण सोनी ६८ शुल्क बासी रोटी/ प्रियंका द्विवेदी ५२ 🕰 साहित्य का भारतीय परिपार्श्व एक अंक—₹ ३० उजड़ी खेती/ हरीशचंद्र पांडे 49 कविताएँ/ मानस रंजन महापात्र वार्षिक (व्यक्तियों के लिए)—₹ ३०० 60 देश का भविष्य/ शेफालिका सिन्हा ६७ 🖾 निबंध वार्षिक (संस्थाओं/पुस्तकालयों के लिए)—₹ ४०० 🕰 आलेख झर रहा है पारिजात/ सुमन चौरे २८ विदेश में दीपावली : रोशनी का दिव्यबोध/ एक अंक-चार यू.एस. डॉलर (US\$4) 🖾 व्यंग्य शास्त्री कोसलेंद्रदास १६ वार्षिक-पैंतालीस यू.एस. डॉलर (US\$45) समस्या दीवाली की/ पूरन सरमा ६२ क्या है समुद्र-मंथन का वैज्ञानिक रहस्य ?/ 🖾 साहित्य का विश्व परिपार्श्व साहत्य अमृत के बैंक खाते का विवरण डी.डी. ओझा २४ जिगरी यार/ लुइगी पिरांदेलो 60 बैंक ऑफ इंडिया प्रेमचंद का एक अज्ञात लेख : 'जार्ज 🗷 बाल-संसार खाता सं. : 600120110001052 IFSC : BKID0006001 इलियट'/ कमल किशोर गोयनका इस बार की दीवाली/ प्रिया देवांगन 'प्रियू '७६ 38 लंदन में महात्मा बुद्ध की अस्थियाँ/ प्रकाशक, मुद्रक तथा स्वत्वाधिकारी पीयूष कुमार द्वारा ४/१९, आसफ अली रोड, नई दिल्ली-२ कादंबरी मेहरा ४४ वर्ग-पहेली છહ से प्रकाशित एवं न्यू प्रिंट इंडिया प्रा.लि., ८/४-बी, साहिबाबाद 🖾 कविता 🕰 पाठकों की प्रतिक्रियाएँ 6% इंडस्ट्रियल एरिया, साइट-IV, गाजियाबाद-२०१०१० द्वारा मुद्रित इतना ध्यान रहे/ बी.एल. गौड़ \land साहित्यिक गतिविधियाँ ७९

साहिल्य अमृत में प्रकाशित लेखों में व्यक्त विचार एवं दृष्टिकोण संबंधित लेखक के हैं। संपादक अथवा प्रकाशक का उनसे सहमत होना आवश्यक नहीं है।

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#Let'sBeatCoronaTogether

विनांक 03%।2022 Developments in University Level Institutions in India

Sunil Behari Mohanty*

Nations throughout the world realise the truth that higher education plays a crucial role in the development of nations. "Higher Education has given ample proof of its viability over the centuries and of its ability to change and to induce change and progress in society" (UNESCO 1998, p.2). Yash Pal (2009, p. 9) stated,

"A university is a place where new ideas germinate, strike roots and grow tall and sturdy. It is a unique space, which covers the entire universe of knowledge. It is a place where creative minds converge, interact with each other and construct visions of new realities. Established notions of truth are challenged in the pursuit of knowledge."

"In today's lifelong-learning framework, tertiary education provides not only the high-level skills necessary for every labor market but also the training essential for teachers, doctors, nurses, civil servants, engineers, humanists, entrepreneurs, scientists, social scientists, and myriad personnel." (Ramphele 2002, p. ix). However, Van der Zwaan (2017, p.19, commenting on the transformation of the university concept stated that " Many believe that the old university has been transformed into a teaching factory, where students, as modern consumers, protest against the value for money they receive." Globally, there has been exponential expansion of universities (Frank and Meyer 2007, p. 289). "Higher education drives and is driven by globalisation. It trains highly skilled workers and contributes to the research base and capacity for innovation that determine competitiveness in the knowledge-based global economy. It facilitates international collaboration and cross-cultural exchange" (OECD 2009, p.13). "Governments pursue reforms to build world-class systems of higher education, which assure quality in both research and teaching" (Kearney, 2009, p. 11). According to OECD (2014), "Within education, higher education is much more innovative than the primary and secondary levels - and is one of the most innovative sectors of the economy in terms of innovation in knowledge or methods." "Universities, in particular, are essential to achieving the SDGs because they can equip the next generation with the skills, knowledge and understanding to address sustainability challenges and opportunities and perform research that advances the sustainable development agenda". (Ahmadein, 2019, p.18). EUA 2021, pp 6-7) stated,

"The higher education learning experience will nurture and enable the development of learners as creative and critical thinkers,

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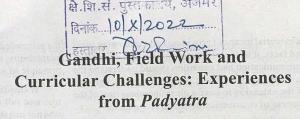
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#Let'sBeatCoronaTogether



Punita Harne*

Communication for harmony in the rural area of Gujarat, India is a bare need today. How a padayatra (walk) in 4 villages of rural Gujarat can play a pivotal role in the development of that particular village and the life of journalism and mass communication students, their understanding of rural issues, problems, and challenges in the remote areas of Gujarat can be seen from the journey through this case study. What sort of communication is done in the rural areas of Gujarat, what is the pattern of the communication, and what is the vocabulary of the rural families in Gujarat observed and noted in this padayatra. This may not sound like a thematic research paper, but this is a document of first-hand fieldwork data.

Gandhi literally walked his way to independence. His innovative concept of Foot marches/padyatras was one of the many tactics that fetch India its freedom. In Gandhi's scheme of things, these foot marches were a vital part of Satyagraha, or passive, non-violent resistance. This created a nationwide ground-swell of potent, non-violent energy, which ultimately became the strength of the independence movement.

Gandhi travelled the length and breadth of India and then formed a firm opinion that India was predominantly an agrarian society. It cannot get lasting freedom from hunger, poverty, and wanting unless its villages became respectfully employed and self-reliant. Rural India was and is the foundation on which the superstructure of the Indian nation has rested. Gandhi's pioneering work in the village and social sector welfare through the practice of Sarvoday has left an indelible mark on everyone, may it be an individual or an institution. Gujarat Vidyapith (Deemed-to-be-University founded by Mahatma Gandhi in 1920) is one to whom society is looking with hope.

In Gujarat Vidyapith as a part of its curricular activity students and teachers from every department have to go to the villages for five days. As per the need and demand of curricula, each department with its own methods of understanding the villages and ground realities, they come out with different data. This paper is based on such experiences.

Communication and Extension: An Unbreakable Inter-dependency

Extension plays an important role in bringing about a change in human behavior and is closely related to communication, which acts

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UNIVERSITY NEWS October 10-16 Vol. 60 2022 No. 41 Rs. 30.00 Price A Weekly Journal of Higher Education Published by the Association of Indian In This Issue ITEMS PAGE Articles Dr. A P J Abdul Kalam: A Human Being Par Excellence Learning Experiences during COVID-19: A Study of Netaji Subhas Open University Participation of Women in Higher Education in Puniab: Current 19 Status, Challenges and Strategies National Education Policy -2020: An Overview 23 Convocation Address National Law School of India University, Bengaluru 27 Campus News 31 **AIU News** 34 Theses of the Month (Science & Technology) Advertisement 40 **New Subscription Tariff**

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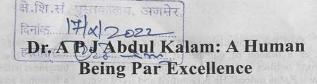
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M S Kurhade*

We are all born with a divine fire in us. Our efforts should be to give wings to this fire and fill the world with the glow of its goodness.

Dr. APJ Abdul Kalam (15th October, 1931- 27th July, 2015)

Bharat Ratna Dr. Avul Pakir Jainulabdeen Abdul Kalam, the former President of India was born to a little educated boatman Jainulabdeen in Rameshwaram (Tamil Naidu). The family of Jainulabdeen was of ordinary means. However, they were determined to give young Kalam, the best of proper education. As life unfolded itself, Abdul Kalam not only grew in years but also grew in stature to become one of the best scientific brains of not just India but of international repute. "He is one of India's most distinguished scientists. He was responsible for the development of India's first satellite launch vehicle, SLV - 3 of strategic missiles, weaponization, and building local capability in critical technologies. Held senior positions in ISRO (Indian Space Research Organisation) and DRDO (Defence Research and Development Organisation) and PURA (Providing Urban Amenities in Rural Areas) before becoming Principal Scientific Advisor to the Government of India, a cabinet rank. He had the rare honor of being the recipient of all three highest civilian awards of Padma Bhushan, Padma Vibhushan, and Bharat Ratna, besides receiving some 30 honorary doctorates from all over the world," (Penguin Books writes

The rocket scientist that he grew up to be called propelled him to be the Bharat Ratna in India, which took immense pride in making him the 11th President of India on 25th July, 2002. In India where 80% of the population consists of Hindus, Abdul Kalam was the 3th Muslim President. He conveyed what he had learned from the above three programmes based on his personal experience.

- Whenever there is a dream in life, that transforms into a vision and the vision takes shape as many missions.
- The necessity of high-level thinking to transform the vision into missions.
- Acquisitions of knowledge from all sources.
- Working and working without boundary conditions till the realization of the mission.
- Leader absorbs the failure and takes responsibility and gives the credit for success to his team while executing the mission.
- Teachers and educationists should create leaders with these qualities in their students.

The article is being published to commemorate the Birth Anniversary of the Former President of India, Dr. Avul Pakir Jainulabdeen Abdul Kalam.

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