



# GOVERNMENT RAZA P.G. COLLEGE, RAMPUR-244901

Re-Accredited 'B' Grade "III rd Cycles of Accreditation" by NAAC

Affiliated to M.J.P. Rohilkhand University, Bareilly, U.P; India

INAUGURAL SESSION

DATE - MAY 17, 2020, AT 11.00 AM



## INTERNATIONAL WEBINAR

on

### Outbreak of COVID-19 Pandemic : Challenges and The Road Ahead

### कोविड -19 महामारी का प्रकोप: चुनौतियां और अग्रगामी पथ



**Chief Patron**  
Prof. Vandana Sharma,  
Director of UP Higher  
Education, Prayagraj,  
Uttar Pradesh



**Patron**  
Dr. P. K. Varshney  
Principal, Govt. Raza  
P.G. College, Rampur  
UP-244901



**Chief Guest**  
Prof. Anil Shukla  
Vice Chancellor,  
M.J.P.R University,  
Bareilly



**Dr. Sharad P Kale** (Padma Shri)  
Ex-Director, Biology Div.  
Bhabha Atomic Research Centre,  
(BARC) India



**Prof. Deshmukh Arvind  
Madhavrao**  
President,  
Microbiologists Society, India

## POST COVID-19 WORLD AND THE PIVOTAL ROLE OF SCIENCE AND TECHNOLOGY



**Dr. Saeed Khan**  
President of Research and  
Development KOR Life  
Sciences Charleston, South  
Carolina, US



**Dr. Wahajuddin**  
Principal Scientist  
CSIR Central Drug Research  
Institute  
Lucknow, India



**Dr. Aqeel Ahmad**  
Asst. Professor of Biochemistry  
College of Medicine,  
Shaqra University, KSA



**Dr. Sumangala. R.**  
Assistant Professor,  
Dept. Of Physics,  
Providence Women's College,  
Calicut, Kerala

Covid-19 (novel corona virus) has been officially declared as a pandemic by World Health Organization on March 11, 2020. This pandemic has not just resulted in loss of lives but has had an adverse impact on business, commerce and the global economies on account of lockdowns and restricted movement. Currently, 210 countries around the world are passing through the global crisis on account of Covid-19. This pandemic therefore has its varied implications on the commercial world. The outbreak of Covid-19 however has brought the societies and economies around the world to a halt.

Registration Link For 17 May 2020 : <https://forms.gle/jNvT6P4WpkP3xw2b7>

TEAM: IQAC, GOVERNMENT RAZA P.G. COLLEGE, RAMPUR

राजकीय रजा स्नातकोत्तर महाविद्यालय, रामपुर

## Series of International webinars

अंतरराष्ट्रीय वेबीनार की श्रृंखला

### OUTBREAK OF COVID-19 PANDEMIC: CHALLENGES AND THE ROAD AHEAD

कोविड -19 महामारी का प्रकोप: चुनौतियां और अग्रगामी पथ

Dear Sir/ Madam,

we are pleased to inform you that Faculty of Science in Government Raza P.G. College Rampur is going to organize an international webinar on the topic "POST COVID-19 WORLD AND THE PIVOTAL ROLE OF SCIENCE AND TECHNOLOGY " and sub theme Citizen science resources related to COVID-19 pandemic, Telecommunication related to COVID-19 pandemic, Computing consortium in reference to COVID-19 pandemic, Impact on the Development and trajectories of nation and people by Covid-19 Pandemic, Immunity is a key weapon in the fight against Covid-19, Environmental issues, Mathematical models are used to predict Covid-19's path etc. on 17 May 2020 @ IST 11:00am. We are using this lockdown period as an opportunity to hear eminent speakers from different parts of the world. It would be our great honour to welcome your gracious presence with the belief that this webinar will provide enriching experience for all the participants and present papers. No Registration Fee.

With regards

Registration Link For 17 May 2020 <https://forms.gle/iNvT6P4WpkP3xw2b7>

Faculty of Science

#### Call for Papers

Original papers, case studies and reviews for the areas as mentioned in the sub-themes are invited.

#### Guidelines for Contributed Papers

The Paper should reflect the conference theme. The abstract should not exceed 300 words. The paper must comprise of Title of the Paper, Name (s) of Author/s, Name of Institution, City, Mobil Number and email address. The paper sent should be original. Paper submission must not exceed 5000 words (10 Pages). The text should be typed single spaced, A4 Size, 12 point font size of Times New Roman font style or 14 point font size of Kruti Dev 10 and in Word Format with normal page layout. The Manuscript should content the following:

**Submission of Abstract:** Title of paper, Author(s), Designation, Name of Institution or Organization, Affiliations, e-mail and Mobile Number (WhatsApp), Abstract in Maximum 300 words, Key Words.

**Full Paper Submission:** Title of paper, Author(s), Designation, Name of Institution or Organization, Affiliations, e-mail and Mobile Number, Abstract, Key Words, Introduction, Objective or Importance, Limitation, Methodology, Discussions, Results, Conclusions, Suggestion or Recommendations (if any) and Reference or Bibliography (APA Format).

**To present the paper it will be mandatory to attach 8 slides through PPT-**

- I. Introduction of paper presenter on slide
- II. Abstract of research paper on slide
- III. Purpose and methodology / importance of research paper
- IV + V Research Description and Interpretation
- VI. Findings and Results
- VII. The conclusion / Relevance of research
- VIII. Suggestions or recommendations or references

#### Important Dates For Abstract and Paper Submission:

Submission of Abstracts and full paper Begin: 11.05.2020

Full Paper Submission Closes: 15.05.2020

#### Paper publication Opportunities

Only those papers which are accepted by the Editorial Committee will be included in the most qualified papers would be published in a special issue of Edited Book (With ISBN) or Referred/UGC Listed Journals, contributing towards the enrichment of the existing literature.

**FEE: No Registration Fee**

**Other Dates of International Webinar in this Institution:** 26 May (Humanities), 31 May (B.Ed; Psychology & Physical Education)  
07 June (Commerce and Economics)

In just three months, spread of the novel corona virus SARS-CoV-2 grew from a localized outbreak in Wuhan, China, into a pandemic that has touched every continent, infected more than 6 million people, placed unimaginable strain on healthcare systems, and devastated global economies. As infection rates in some hotspots, including Mumbai, Delhi, London, Rome and New York etc., show signs of waning, questions about the road ahead—including how to safely reopen society and the economy—loom large.

- Pandemic illnesses such as COVID-19 are increasing in both frequency and impact, due in part to human activities.
- Healthcare facilities and workers remain vulnerable to being overwhelmed as the virus continues to spread.
- Researchers and policymakers must balance the need to learn about emerging infectious diseases with the need to care for patients.
- The corona virus will continue to spread until a vaccine is available, likely in phases of intense flare ups followed by periods of slower transmission.

By definition, pandemics have global impact, emphasized the need for a coordinated, global response rooted in science-based policymaking, compassion, and care for patients and citizens. "If anything, this pandemic has shown us how connected we are." With the Pandemic Covid -19 clouding every other thought, plan or strategy that would make sense in normal times, people have no option but to ask, "Now what ?" But there are no clear answers as yet.

Industry bodies like the Retailers Association of India (RAI), and others had recently announced that it would take at least 9-12 months for India's retail industry to recover from the impact of the Covid-19 Pandemic. A RAI survey reportedly showed that 20-25% of industry players may need a capital infusion to stay afloat and about 25% jobs in the industry may get impacted.

Based on expert opinions and takeaways from industry forums here are some key observations, which have some relevant significance for the retail industry: - Consumers may not be the same again; not only will they rely heavily on e-commerce, but they will also, at least for sometime in the immediate future, be more skewed towards essentials, and curtail the consumption of luxuries, having made a lifestyle shift.

Measures driven by compassionate grounds might become a norm considering that every sector is severely impacted. So relaxing of payment norms, agreements, leasing contracts, etc may become inevitable. -With health and hygiene having become the top priorities, more number of consumers are likely to be particular about the quality and hygiene of the products they buy. So the right brand communication is also key. - Collaborations and strategic tie ups between various stakeholders in the eco-system or even between competing players might gain momentum given the new dynamics of a post- Covid market space. Technology as a business enabler will gain even more traction. - Business continuity plans as part of the long term strategy will come to the forefront, and companies and solutions facilitating this will be much in demand. Business leadership is likely to gain a shift, with a greater focus on long-term sustenance, cost and resource optimization, prudent spending etc, besides human values such as empathy and compassion and a greater thrust on effective communication, team building and collective motivation. Presented in the next few pages are some perspectives from industry players and what the likely road ahead is. Read on... 'Have a robust plan in place'

The COVID-19 pandemic will have a lasting impact on the global economy and retail is one of the worst-hit industries in this pandemic. It is difficult to say right now what impact it's going to have. This global pandemic sounds deceptively like a supply-side problem as companies that are connected internationally will surely impact the industry, whereas where Indian brands are concerned, we will have to plan on how to balance demand and supply. Recession will hit certain segments and categories which might take longer to stabilize.' Retailers, during the period of lockdown and during the period of the slack season following it, should work on multiple parameters like building up infrastructure, training their sales team, strengthening their supply chain, warehousing as well as work on penetrating hinterlands ultimately leading to spreading deeper and wide. Using time and money wisely, the retailer can get future-ready to take on the challenge once the market reopens. Agencies and Shopper Marketing Consultants on the other hand similarly can work on strategies that impact shopper marketing. They should work on the technological intervention that will help marketer increase footfalls, and work on newer techniques to be able to do project management effectively. Essentially they should work on strategies that will help brands reach the consumer even in such dire situation. This crisis would change a lot of things. Customers would come back, but they would be changed customers with a changed need in a changing competitive landscape. Concepts like work from home, Video conferencing, e-commerce, IT-enabled retail solutions, data analytics, etc. would change the face of retail. It's going to be really tough as it's going to take a huge initial budget all over again to stock up and resume operations. But despite all these hardships, we still have humanity as the topmost priority.



# GOVT. RAZA POST GRADUATE COLLEGE, RAMPUR

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Affiliated by M.J.P Rohilkhand University, Bareilly

दिनांक: 17 मई 2020

राजकीय रज़ा स्नातकोत्तर महाविद्यालय, रामपुर  
\*वेबिनार आख्या\*

राजकीय रज़ा स्नातकोत्तर महाविद्यालय रामपुर द्वारा आयोजित अंतरराष्ट्रीय वेबीनर की श्रंखला के अन्तर्गत प्रथम दिवस दिनांक 17 मई 2020 पर "कोविड -19 महामारी का प्रकोप चुनौतियां और अग्रगामी पथ" विषय पर विज्ञान संकायों द्वारा गूगल मीट ऐप के माध्यम से प्रातः 11:00 बजे वेबिनार का आयोजन किया गया।

जिसमें मुख्य अतिथि प्रो० वन्दना शर्मा, निदेशक, उच्च शिक्षा विभाग उत्तर प्रदेश, प्रयागराज, प्रो० अनिल शुक्ला, कुलपति, महा० ज्यो० फूले रू० वि० वि०, बरेली तथा पद्म श्री डॉ शरद काले, पूर्व निदेशक, भाभा एटॉमिक रिसर्च सेंटर, मुंबई, प्रो० देशमुख अरविंद माधवराव, अध्यक्ष माइक्रोबायोलॉजिस्ट सोसायटी, डॉ० सईद खान, अध्यक्ष, KOR लाइफ साइंस, दक्षिण कैरोलिना, अमेरिका, डॉ० वाहाजुद्दीन, मुख्य वैज्ञानिक CSIR सेंट्रल ड्रग रिसर्च इंस्टीट्यूट, लखनऊ, डॉ अकील अहमद, असिस्टेंट प्रोफेसर, बायोकेमिस्ट्री, शाकरा यूनिवर्सिटी KSA, डॉ सुमंगला, असिस्टेंट प्रोफेसर, प्रोविडेंस वूमेंस कॉलेज, कालीकट, केरल ने विशेषज्ञ वक्ताओं के रूप में भाग लिया।

प्राचार्य डॉ० पी० के० वार्ष्णेय जी द्वारा सभी अतिथियों एवं प्राध्यापकों का स्वागत किया गया। प्राचार्य जी ने सत्र के आरंभ में कहा कि रजा महाविद्यालय इस वैश्विक महामारी के दौरान ऑनलाइन क्लासेज के साथ साथ वेबिनार श्रंखलाओं का सफल आयोजन कर रहा है जिससे छात्र छात्राएं लाभान्वित हो सकें। कार्यक्रम का संचालन डॉ० जागृति धींगरा तथा डॉ बेबी तबस्सुम द्वारा किया गया।

डॉ० अनिल शुक्ला ने समझाया के कोरोना के प्रभाव को विज्ञान व तकनीक के माध्यम से ही काम किया जा सकता है। डॉ० सईद खान ने कोरोना से उत्पन्न दुष्परिणामों की चर्चा की व हैल्थ मॉनिटरिंग पर बल दिया। डॉ० अरविंद देशमुख ने कहा हमें लॉकडाउन की बजाए अपनी दिनचर्या में परिवर्तन की आवश्यकता है। डॉ० बी० एल० शर्मा ने कहा कि विश्वव्यापी कोरोना वायरस के संकट से उत्पन्न समस्याओं से निपटने के लिए राष्ट्रीय स्तर पर सहायता के लिए कदम उठाने होंगे। डॉ शरद काले ने लॉक डाउन के दौरान मानसिक व शारीरिक स्वास्थ्य के बरकरार रखने के लिए सकारात्मक सोच की महत्ता को समझाया। डॉ अकील अहमद ने कोरोना वायरस के नियंत्रण के लिए हो रहे वैज्ञानिक प्रयासों से अवगत कराया। इस विश्वव्यापी महामारी से होने वाले दुष्परिणामों की चर्चा की तथा इसको नियंत्रित करने के उपाय बताए। डॉ वाहाजुद्दीन ने कहा कि ऑनलाइन क्लासेज व ई-लर्निंग से छात्रों की आवश्यकता पूरी नहीं हो रही है अतः इसमें सुधार की आवश्यकता है। डॉ सुमंगला ने विभिन्न तकनीकों के माध्यम से कोरोना संक्रमित का पता लगाने व इसके उपचारों की चर्चा की। अंत में डॉ० सीमा तेवतिया ने सभी अतिथियों एवं प्राध्यापकों का आभार व्यक्त किया।

प्रथम तकनीकी सत्र की अध्यक्षता डॉ सहदेव, विभागाध्यक्ष, डॉ रसायन विज्ञान विभाग ने की जिसमें विभिन्न राज्यों के इंजीनियरिंग कालेज/ विश्वविद्यालय/ महाविद्यालय/ शोध संस्थानों से पधारे प्रोफेसर व शोध छात्रों ने कोविड-19 महामारी के घातक प्रभावों से बचने के उपाय एवं लाकडाउन के कारण मानव पर पड़ने वाले लाभदायक प्रभावों जैसे ज्वलंत विषयों पर अपने शोध पत्र प्रस्तुत किये। डॉ० अशोक कुमार ने कोविड-19 से बचाव के लिये आयुर्वेदिक पौधों जैसे गिलोय, आँवला, शिलाजीत, अष्वगंधा, नीम आदि पौधों का उपयोग और प्राणायाम को अपनी जिंदगी का एक अहम् हिस्सा बनाने पर बल दिया जिससे हमारी प्रतिरोधक क्षमता बढ़ सके और कोविड-19 से हमारा बचाव हो सके। डॉ प्रीति चन्द्र नेगी



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ने कहा कि कोविड-19 की महामारी ने हमें यह सोचने पर विवश कर दिया कि हमने अपनी धरती के साथ बहुत बुरा व्यवहार किया है और अब आगे आने वाले समय में हमें अपनी जीवन शैली को बदलकर खुद को इको-फ्रेंडली बनाना होगा तभी प्रकृति भी हमें हमारा प्राकृतिक हक जैसे स्वच्छ वायु, जल आदि देने में सक्षम हो सकेगी। डॉ हृदयेश आयर ने कहा कि देश में ऑनलाइन शिक्षा को प्रभावी बनाने के लिये पहले अध्यापक और विद्यार्थियों को तकनीकी शिक्षा देनी होगी और ग्रामीण परिवेश के गरीब विद्यार्थियों तक इससे सम्बन्धित समस्त सुविधाएं निः शुल्क उपलब्ध करानी होंगी। प्रथम तकनीकी सत्र में डॉ अशोक कुमार, डॉ प्रीति चन्द्र नेगी एवं डॉ हृदयेश आयर ने क्रमशः प्रथम, द्वितीय और तृतीय स्थान प्राप्त किया। इस सत्र के निर्णायक डॉ सहदेव, डॉ हितेन्द्र कुमार सिंह तथा डॉ सुरेन्द्र कुमार रहे।

द्वितीय तकनीकी सत्र की अध्यक्षता डॉ सीमा तेवतिया विभागाध्यक्ष, भौतिक विज्ञान ने की। इसमें प्राध्यापकों एवं शोध छात्रों ने अपने पोस्टर प्रस्तुत किये। डॉ आदित्य पालखे ने प्रथम स्थान प्राप्त करते हुए बताया कि कोविड-19 से बचाव के लिए हमें सरकारी नीतियों में अपनी आस्था रखते हुए इनका पूर्ण रूप से पालन करने की जरूरत है। डॉ विनय नाईक ने कहा कि लॉकडाउन केवल कोविड-19 महामारी से बचने का उपाय नहीं है, बल्कि इसने पर्यावरण को शुद्ध करने में एक प्रभावी भूमिका निभायी है। इन्होंने द्वितीय स्थान प्राप्त किया। इस सत्र का संचालन डॉ कामिल हुसैन ने किया। कार्यक्रम के समापन पर डॉ बेबी तबस्सुम ने सभी के प्रति आभार व्यक्त किया। इस सत्र के निर्णायक डॉ सीमा तेवतिया, डॉ सुरेन्द्र कुमार गौतम तथा डॉ निधि गुप्ता रहे।



*Principal*

Principal  
Govt. Raza P.G. College  
Rampur (U.P.)