Table of Content

Nanotechnology: A boon for medical sector .............................................................. 1
  1Shishir Kumar Gangwar, 2Muhammad Akram, 3Hamda Shafique ......................... 1
Value addition in sericulture for income augmentation of stakeholders - An insight ...... 2
  *M. F. Baqual and I. L. Khan .................................................................................... 2
Clove (syzygium aromaticum) oil, a natural product for controlling storage fungi and
insects of chickpea during storage ........................................................................... 3
  1Narendra Kumar, 2S M Paul Khurana and 3V N Pandey ..................................... 3
Study of corrosion inhibition of mild steel in acidic medium with weight loss method..... 4
  *Sangita Sharma, Riddhi P. Dave ............................................................................. 4
Culture induced phenotype and methods to harden micropropagated plants ............... 5
  B N Hazarika ........................................................................................................... 5
Value addition in sericulture for income augmentation of stakeholders--an insight ....... 6
  *M. F. Baqual and I. L. Khan .................................................................................... 6
Impact of covid-19 lockdown on agriculture in india: A review .................................. 6
  Ajaz Ahmed Wani .................................................................................................... 6
Studies on efficacy of (f.y.m) and vermi compost on black gram (vigna mungo l) under
the rain fed condition in chitrakoot area ................................................................... 7
  1Rohit Kumar Rawat and 2Govind Kumar Verma .................................................. 7
Agriculture in india during covid-19 ....................................................................... 8
  1Avinash Kumar, 2Ashok K. Singh, 3Shalini Kumari ............................................. 8
A study on agricultural growth in azamgarh distict, uttar prades ......................... 9
  Dr. Devendra Singh, Richa singh .............................................................................. 9
Application of light backscattering imaging technique in quality evaluation of food
products ....................................................................................................................... 9
  Dr. A. Asha Monicka ............................................................................................... 9
Organic farming in present scenario ...................................................................... 10
  1Avantika Singh, 2Ashok Kumar Singh and 3R.R. Singh ...................................... 10
Bioefficacy of herbicides mix for weed management in soybean [Glycine max (L.)
Merr.] ....................................................................................................................... 11
  8R.K. Mathukia, B. S. Gohil and S. B. Vadhvana .................................................. 11
Estimating critical stages of groundnut production by regression analysis ............ 11
Medicinal plants and their antiglycating and antiaggregation potentials ............... 12
  Ahmad Ali ............................................................................................................... 12
Bio-efficacy of different herbicides in broad spectrum weed management for chickpea ... 12
Effect of tillage and nutrient management on growth, yield, harvest index and nutrient use efficiency of wheat (Triticum aestivum L.) in Indo-Gangetic plains of India ........................................ 13

Amrendra Kumar, and Sunil Kumar .......................................................... 13

Use of foldscope for identifying pathogens associated with post-harvest vegetables .......... 14

Durga Prasad Awasthi, Amar Bahadur, Niren Majumder, Tridip Bhattacharjee and Debashish Sen.......................................................... 14

Efficacy of botanicals and bio-pesticides in the management of pest complex of potato during post-rainy season in Karnataka, India........................................ 14

P. K. Natikar and R. A. Balikai .......................................................... 14

Induction of regularity in mango cv. Dassehari by tip pruning and paclobutrazol application.......................................................... 15

Pranab Barman, Dushyant Mishra and Nitesh Kumar Sharma ........................................ 15

Value added horticulture product as a income generation for rural women during covid-19 .............................................................................. 15

Savita Kumari, Priti Pallavi .......................................................... 15

Clove (Syzygium aromaticum) oil, a natural product for controlling storage fungi and insects of chickpea during storage .......................................................... 16

Narendra Kumar, S M Paul Khurana and 3V N Pandey ........................................ 16

Development of suitable groundnut genotypes for summer season under climate change and to food and nutritional security.......................................................... 17

R.A. Singh, Renu Singh, I.P. Singh and N Lari ........................................ 17

Genetic improvement through identification of heat tolerance donors in relation to climate change.............................................................................. 18

Laxmi Singh and Prabharani Chaudhari .......................................................... 18

Water mimosa: an underutilised multipurpose aquatic vegetable.......................................................... 18

Yengkokpam Ranjana Devi & Supriya Yenkokpam ........................................ 18

Agro met advisories twice in a week to aware a huge number of farmers for safe harvesting and storage of rabi crops in adverse weather situation, shortage of labour during lockdown period covid-19 in Muzaffarpur district .......................................................... 19

Anupma Kumari, Tarun Kumar and Anupam Aadarsh ........................................ 19

Effect of integrated nutrient management practices on quality and protein yield in direct seeded rice (Oryza sativa) under mid land situation of Jharkhand .......................................................... 20

Sunita Kumari, Geeta Kumari & Ragini Kumari ........................................ 20

Bionomics of the most abundant virginoparae morph of wooly apple aphids on apple plantations in Jammu province of J&K state .......................................................... 20

Ruchie Gupta .......................................................... 20

Studies on yellow mosaic virus resistance in mungbean (Vigna radiata L Wilczek) .......................................................... 21

Preeti Mishra .......................................................... 21
<table>
<thead>
<tr>
<th>Title</th>
<th>Authors</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biochemical analysis of some selected <em>boro</em> rice cultivars of assam under cold and heat stresses</td>
<td>Mehzabin Rehman and <em>Bhaben Tanti</em></td>
<td>21</td>
</tr>
<tr>
<td>Sand-gravel mining as a threat to macro-benthic assemblage and habitat parameters of river ganga, india</td>
<td>Nitin Kamboj, Amit Kumar Sharma and <em>Vishal Kamboj</em></td>
<td>22</td>
</tr>
<tr>
<td>Judicious management of saline water with amendments for higher productivity of <em>kachri</em> (<em>cucumis callosus</em>) under hot arid agroecosystem</td>
<td>Anita Meena, M.K. Jatav, R.C. Balai, and B. D. Sharma</td>
<td>23</td>
</tr>
<tr>
<td>Climate change and its impact on indian agriculture and food production</td>
<td>Saurbh Soni</td>
<td>24</td>
</tr>
<tr>
<td>Impact of covid-19 lockdown on agriculture in india: A review</td>
<td>Ajaz Ahmed Wani</td>
<td>25</td>
</tr>
<tr>
<td>Evaluation of biochemical and antioxidant properties of some <em>boro</em> rice varieties of assam, india</td>
<td>Sabnoor Yeasrin Jyoti, Bhaben Tanti</td>
<td>25</td>
</tr>
<tr>
<td>Covid 19: hooter for climate change</td>
<td>Dr Monika Bhardwaj</td>
<td>26</td>
</tr>
<tr>
<td>Covid-19 and climate change: time to invoke india’s ancient wisdom</td>
<td>Dr. Aneesh Sharma</td>
<td>27</td>
</tr>
<tr>
<td>Pest and disease management under natural farming</td>
<td>Aditi Badiyala</td>
<td>28</td>
</tr>
<tr>
<td>Evident covid 19 n sustainable developments</td>
<td>Ruhee Bano</td>
<td>28</td>
</tr>
<tr>
<td>Role of seed priming in rice under stressful conditions of meghalaya</td>
<td>Krishnappa R., Nivedita Shettigar*, Amit Kumar, I. Meghachandra Singh and Basant Kandpal</td>
<td>30</td>
</tr>
<tr>
<td>Improper management of bio-medical waste and its impact on climate change and environment</td>
<td>Sonam Prasher</td>
<td>31</td>
</tr>
<tr>
<td>Effect of a novel juvenoid, fenoxycarb on the pupae of <em>Chrysomya megacephala</em></td>
<td><em>Rahul Maddheshiya and Prof. Krishna Kumar</em></td>
<td>32</td>
</tr>
<tr>
<td>Effect of manganese on the haemopoietic organs of <em>Garra gotyla gotyla</em></td>
<td>Jyoti Sharma and Seema Langer</td>
<td>32</td>
</tr>
</tbody>
</table>
Standardization of fenugreek seed supplemented snack for diabetic patient .................. 33
1Garima Dwivedi, 2Sadhma Singh, 2Deepti Giri, 3Uttara Singh and 2D. K. Dwivedi .... 33
Impact of covid-19 pandemic on agriculture and animal wealth ............................... 34
1M. F. Baqual and 2Sheza Farooq ........................................................................... 34
Application of light backscattering imaging technique in quality evaluation of food products ....................................................................................................................... 35
Dr. A. Asha Monicka ................................................................................................. 35
Effect of covid-19 stimulated by pm_{2.5} in highly exposure population .................. 35
Gulshan Sharma and Era Upadhyay ........................................................................... 35
Impact of covid-19 on the sericulture production in nagaland .................................. 36
1Kartik Neog and 2V. Sivaprasad ............................................................................. 36
How to stable your mind in pandemic covid -19 ...................................................... 36
Dr. Seema Pandey, Dr. Sangeeta Awasthi ................................................................. 36
Covid-19 pandemic: a message from nature to mankind ........................................ 37
Dr. Sukhvinder Kaur .................................................................................................. 37
Automated controlled cooling technique for quality improvement in fermented dairy products .................................................................................................................. 37
Chitranayak, P S Minz, Amita D Vairat, J K Dabas and Priyanka ............................ 37
Importance of low fat fiber enriched paneer in day to day life .................................. 38
Puja, Sadhma singh, Deepti Giri, and D.K Dwivedi .................................................. 38
Potential exploitation of dna-barcoding for identification of animal hosts of corona viruses to facilitate better understanding of their pathogenicity in mammalian species ... 39
Akeem Babatunde Sikiru, Prof. Egena S.S.A, and Dr. Veerasamy Sejian ............... 39
The immune system of economically and socially backward sector of children was improved with cheap and locally grown quality protein based supplementary food: best management practices conducted by kvk, muzaffarpur, during lockdown period of covid-19 ............................................................................................................................................... 39
Savita Kumari and *Anupma Kumari ........................................................................ 39
Hydroponic food production system: an answer to food insecurity in covid-19 pandemic ....................................................................................................................... 40
Faroq Ahmad Khan, Sujat Ahmad Lone, Sumati Narayan, Fasil Fayaz, Khursheed Ahmad, 1Mohammad Aamir, Shahid Ahmad Padder and Sajad Ahmad Bhat .............. 40
Screening of fruit peel extract as phytochemical, antibacterial & antioxidant ............... 41
Taufeeq Ahmad, 2Saba Siddiqui and 1Sachidanand Singh ......................................... 41
Codon usage pattern analysis and compositional framework of human bocavirus 3 and its adaptation to human host ......................................................................................... 41
Bornali Deb and *Supriyo Chakraborty .................................................................... 41
Screening of various bivoltine hybrids of silkworm bombyx mori l. For disease susceptibility during monsoon season in uttar pradesh .................................................... 42
Ravinder Sharma, and I. L. Khan ................................................................. 42
Impact of covid-19 pandemic on fisheries, poultry and dairy .......................... 42

1Ravinder Sharma, 2Poornam Sharma, 1Ishitiyaq Ahamd Bhat and 3Monika Raina 42
Frontier roles of antioxidants against human health hazards: a review ............... 43

1Sukriti Dutta, 1Sourini Sen & 2Dr. Anju Paul ........................................... 43
Effect of dietary mulberry silkworm (Bombyx mori L) pupae and excreta meal on
growth performance of kruiol birds ................................................................ 43

1S. Farhat, Iqbal, Qadri 1M.A. Malik, 2M.T. Banday, 1R. K. Sharma ....................... 43
A rare case of canine demodicosis caused by short-bodied demodex mite (demodex
cornei) in jaipur, rajasthan ........................................................................... 44

1Sarjna Meena, 3Hemant Dadhich, 2Rohitash Dadhich, 2Dharmsingh Meena, 3Sunita
Rani, 2Indu Vyas and 1Anita Rathore .......................................................... 44
Impact of lockdown during covid 19 pandemic on fisheries and aquaculture sector of ne
region of india with special reference to assam .................................................. 45

1Dr. Bibha Chetia Borah & Biswajyoti Bordoloi .............................................. 45
Acute bovine tropical theileriosis – A case report ................................................ 46

1Sarjna Meena, 2Rohitash Dadhich, 2Dharmsingh Meena, 1Rashmi Singh, 1Anita
Rathore and 1Nirmal Jeph ............................................................................ 46
An impact analysis of covid-19 on profitability of sericulture in karnataka ............. 47

1Manjunatha G R, 1Kiran Kumar R Patil, 2Kumaresan P, Parmeswaranaik J, Dipesh
Pandit, Sivaprasad V and 1Chinnappa B ....................................................... 47
Lactic acid bacteria as biotechnological tools: assessment of probiotic attributes of
lactic acid bacterial isolates from fermented vada batter .................................... 48

Sumayya P.K., Ligimol James, Beena A. K. and Aparna Sudhakaran V. ................ 48
Study on growth performance of black bengal kids through feeding of hydroponic
maize green fodder .......................................................................................... 49

1Gond, V.K., and 2Gangwar, S.K. .................................................................... 49
Impact of urbanization on avain community structure in india: a review ................ 49

1Saba Khursheed Khan and Kamalpreet Kaur ................................................. 49
Plant parasitic nematodes associated with mentha crop fields of rampur ............. 50

Nadia Sufyan and *Viola Kataria ..................................................................... 50
Impact of environmental contamination on fish: a short review .......................... 51

1Nusrat Waheed, 1Kamalpreet Kaur and 2Romisa Gull .................................... 51
Livestock management amid covid-19 pandemic ............................................... 52

Suvarna Bhoj and G. K. Gaur ................................................................. 52
The role of nanoparticles in treating and diagnosing the outbreak covid-19 .......... 53

1Anchal Lodhi, 2Neha Giri, 2Devendra S. Bisht, 2Deepak K. Arya ..................... 53
Impact of environmental contamination on fish: a short review ......................... 53
Seasonal effect on sex and birth weight of frieswal calves in Kerala

Incidence of pathogenic factors and their possible association with drug resistance of different water sources in and around the city Nainital, Uttarakhand: a comparative study of three through isolating coliform bacteria

Morphological diversity and agronomic trait evaluation of some commercially important banana cultivars of Assam

Role of water, sanitation and hygiene measures in ncov2019- outbreak

Social media networking sites: recent trend in recruitment

Impact of fast food on health management of teenagers

Marketing in the age of internet: a semiotic study of online advertisement in India

Effects of covid-19 on sportsperson

Impact of covid-19 lockdown on fisheries and aquaculture of NE region of India with special reference to Assam

Digitization of rural India: promises and challenges

Entrepreneurial models of inclusive civil culture: the case of Zapopan agro ecological park

Covid-19, and the emerging new world order

Importance of yogasans in covid-19 pandemic

Status of human rights during pandemic covid-19

Effect of smoking on local anaesthesia – a review
A breath of clean air: a tiny silver lining amid covid-19’s dark clouds ........................................ 62
Nitan Sharma ........................................................................................................................................ 62
Silver hydrogen peroxide- a novel tool for soilborne pathogen management .................................... 63
1*H. S. Mahesha, 2J. U. Vinay,, 3M. R. Ravikumar, 2E. Chidanandappa, 3Chikkannaswamy, 1M. C Keerthi and 1N. Manjunatha ................................................................. 63
Understanding the impact of covid-19 on the indian community: An online survey ..................... 63
Rebecca Sharma ................................................................................................................................ 63
Corrosion inhibition behaviour of n’ [(e)-4methoxyphenylmethylidene] pyridine-3-carbohydrazide on mild steel in trichloroacetic acid ................................................................. 64
1*Naveen Kumar and 2Sangita Sharma ................................................................................................. 64
Intermolecular interactions between p-cymene and halobenzenes: A computational study .................... 65
1*Madhuresh Makavana & 2Sangita Sharma ......................................................................................... 65
Impact of covid-19 pandemic on agriculture and allied sciences ......................................................... 65
1Poonam Sharma and 2Ravinder Sharma ............................................................................................ 65
Repercussion of covid-19 on indian agriculture and allied sectors ..................................................... 66
Ishtiyaq Ahamd Bhat and Ravinder Sharma ....................................................................................... 66
Recent trends in information communication technnologies .............................................................. 66
Dr. Arpita Sharma ............................................................................................................................... 66
Impact of the covid-19 pandemic on education system in poonch (jammu and kashmir) .......... 67
1Sakshi Sharma and 2Ajay Kumar ....................................................................................................... 67
An a-L- rhamnosiadase from aspergillus oryzei naimcc-f-02469 active in neutral pH range ............. 67
Sarita Yadav ............................................................................................................................................. 67
Assessment of ginkgolides for inhibitory activity against novel covid-19: A computational study .......................................................................................... 68
Ashish kumar Swami and 1Sangita Sharma ......................................................................................... 68
Effect of the covid 19 pandemic on the environment ........................................................................... 69
1Farhana Bano and 2Ruhee Bano .......................................................................................................... 69
Changes in the organization after implementation of total quality management (TQM) ................. 69
1Himbahadur Thapa, Anuj Kumar Gupta & Ikram Qureshi ................................................................. 69
Effect of the covid 19 pandemic on the environment ........................................................................... 70
1Farhana Bano and 2Ruhee Bano .......................................................................................................... 70
Covid 19 pandemic: Consequences and opportunities for ict industry ............................................ 70
Sanjeev Verma....................................................................................................................................... 70