



CAS Bulletin **Science section**



Volume: 5, Issue No.: 1, March 2020

Content

Prepared by	Library Collection & Usage Statistics	2
VIVA Library Team,	Events	3
Tel.: 0250-2515278	New Arrival Books	9
E-Mail: Library@vivacollege.org	List of Journals	11
Website:	Contents of Journals	12
www.vivacollege.org/library.aspx	Suggestions/ feedback	52

Library Collection

(As on 31st March 2020)

Total Books: 53648

Non-Book Materials

Periodical: 69

CDs: 254

Journals: 41

Maps: 51

Magazines: 28

E-resource: N-List (consortium) Including 6000+

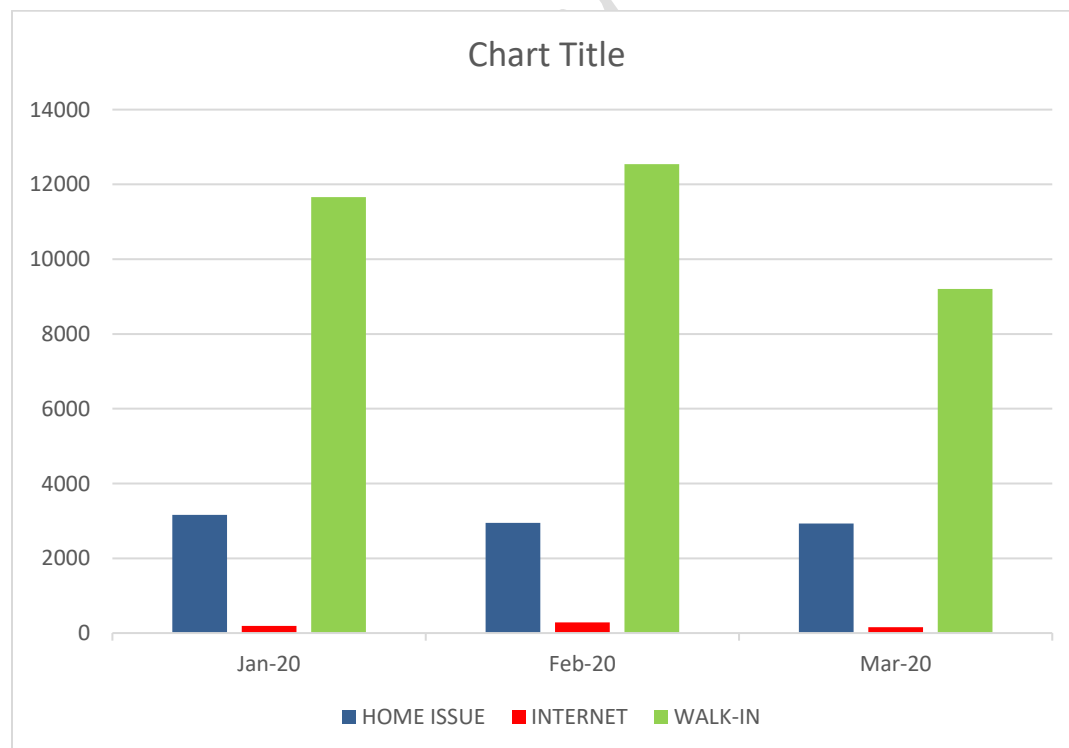
Newspapers: 33

E-journals & 31,35,000+ Ebooks.

Institutional Membership of American Library

Library Usage Statistics

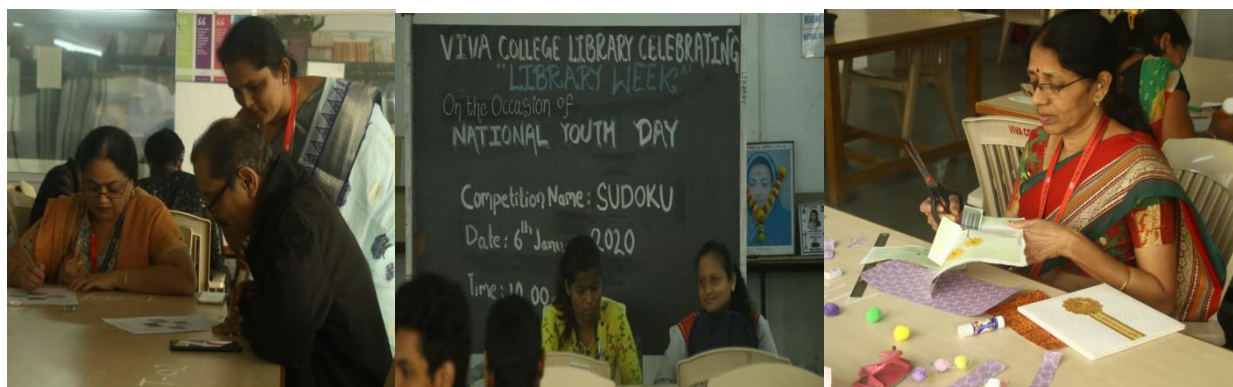
MONTH	HOME ISSUE	INTERNET	WALK-IN
Jan-20	3157	187	11664
Feb-20	2951	282	12538
Mar-20	2931	153	9201



Library Week

Library Activity 2019-20

Every year the “**National Youth Day**” is celebrated to commemorate the Birth Anniversary of Swami Vivekananda on 12th January. On this occasion VIVA library organized “**Library Week**” from 6th January 2020 to 11th January 2020. During this week various activities like Sudoku, Book mark Making, Word Search, Book Search were organized.



Book Exhibition

Library Activity 2019-20

VIVA College Library organized Book Exhibition–cum–sale on 10th & 11th January 2020. There were four vendors brought various books on History, Political Science, Mass media, Film, Finance, Banking, Management studies, Media studies, Computer Science, I.T., Hotel Management, General (Marathi, Hindi & English) Reference Books, Personality development, and so on. The exhibition was organized for 2 days to promote the reading culture among the students and develop the quality collection for our library.

The exhibition was well appreciated by all the book lovers and nearby College Librarians were visited the book exhibition. Many students and staff members purchased books for personal use and some good books were also recommended by the faculty and students for the library.



Library Orientation Programme

Library Activities 2019-20

A library orientation cum awareness programme was conducted on 20th January 2020 for the Post Graduation Students at the library reading room. Through this orientation programme students were informed about library collection services & facilities.

Glimpses of Event



Training Programme on fire safety

Library Activity 2019-20

The training on fire safety and the preventive measure were organized on 21st Jan 2020 for library staff. Mr. Harish Koli and Mr. Nivas Vartak, a well-known fire safety trainer was invited to train and educate library staff on fire safety and preventive measure. Mr. Harish Koli and Mr. Nivas Vartak demonstrated various types of fire extinguishers and how to operate them. He also educated library staff about various safety techniques and preventive measures.

The training was very informative and valuable.



VIVA College Library celebrates “Marathi Rajbhasha Gaurav Din”

Library Activity 2019-20

A great poet, play writer, critic and Dnyanpeeth awardee “KUSUMAGRAJ’s” (Shree Vishnu Waman Shirwadakar) birthday is celebrated as “**Marathi Rajbhasha Gaurav Din**” on 27 February 2020. On this occasion, VIVA College Library in collaboration with Department of Marathi Vangmay Mandal & National Service Scheme organised various Events like Granthdindi and other performance.

The winners of Handwriting, Advertising evaluation competitions which were held on 13th & 17th February 2020 were felicitated during this occasion. These competitions were very popular among Teachers, Students, & Non-teaching staff in which more than 512 participants participated. Also Felicitated to Knowledge Bees Committee Members and Best Reader Award was given to best Reader.

The programme was well received and appreciated by all the students, Non-teaching staff and Teaching fraternity.

Glimpses of Programme

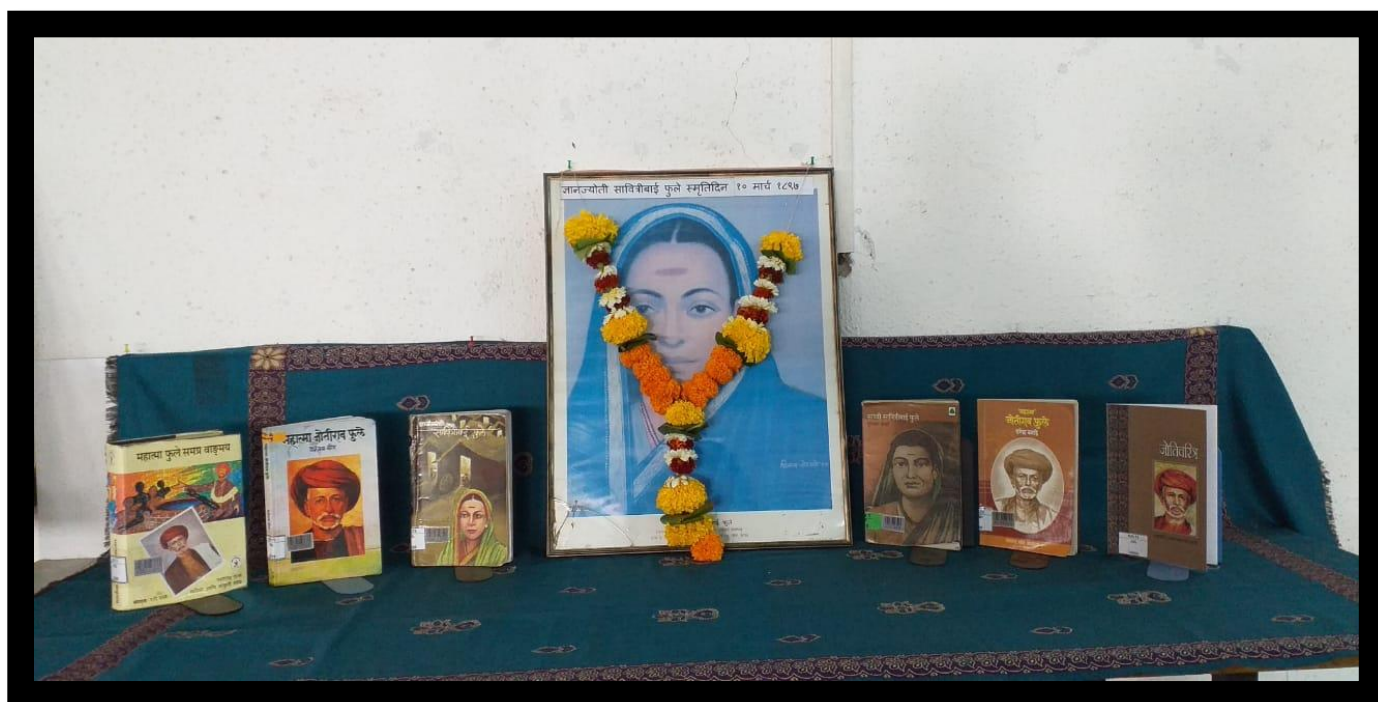


Book Display

Library Activity 2019-20

It has been a tradition and good practice of VIVA Library to tribute “Dyanjyoti Savitribai Jyotirao Phule” every year. Library displayed books on Savitribai Phule on 9th March 2020 to 14th March 2020 to respect and commemorate the great social reformer and pioneer in girl’s education.

The objective of this book display was to create a sense of respect and tribute to these social reformer and scientist among students and staff members.



New Arrival Books

BHTMS

ACC.NO.	AUTHOR	TITLE	CALL. NO.
BHM695	RAGHUBALAN, G. / RAGHUBALAN, SMRITEE	HOTEL HOUSEKEEPING OPERATIONS AND MANAGEMENT	648/RAG
BHM696	KUMAR, SANJAY / LATA, PUSHP	COMMUNICATION SKILLS	372.6/KUM
BHM697	SINGARAVELAVAN, R.	FOOD AND BEVERAGE SERVICE	641/SIN
BHM698	MUKERJEE, HORY SANKAR	BUSINESS COMMUNICATION : CONNECTING AT WORK	658.45/MUK
BHM699	SWARBROOKE, J.	SUSTAINABLE TOURISM MANAGEMENT	338.4791/SWA
BHM700	SHAW, GARETH / WILLIAMS, ALLAN M.	TOURISM AND TOURISM SPACES	338.4791/SHA
BHM701	JAUHARI, VINNIE / DUTTA, KIRTI	SERVICES MARKETING : TEXT AND CASES	658.8/JAU
BHM702	LEBOVITZ, DAVID	MY PARIS KITCHEN : RECIPES AND STORIES	641.5944/LEB
BHM703	BROTO, CARLES	BARS & RESTAURANTS	725.71/BRO

BIOTECHNOLOGY

ACC.NO.	AUTHOR	TITLE	CALL. NO.
BI1286	BROWN, ALFRED / SMITH, HEIDI	BENSONS MICROBIOLOGICAL APPLICATIONS : LABORATORY MANUAL IN GENERAL MICROBIOLOGY	576.078/BRO

DEPARTMENT LIBRARY

ACC.NO.	AUTHOR	TITLE	CALL. NO.
DDL856	GREINER, WALTER	CLASSICAL ELECTRODYNAMICS	537.6/GRE
DDL858	REITZ, JOHN R. / MILFORD, FREDERICK J. / CHRISTY,	FOUNDATIONS OF ELECTROMAGNETIC THEORY	530.141/REI
DDL860	HEALD, MARK A. / MARION, JERRY B.	CLASSICAL ELECTROMAGNETIC RADIATION	539.2/HEA

Msc.IT

ACC.NO.	AUTHOR	TITLE	CALL. NO.
MCI812	ERL, THOMAS / MAHMOOD, ZAIGHAM / PUTTINI, RICARDO	CLOUD COMPUTING CONCEPTS TECHNOLOGY AND ARCHITECTURE	005.8/ERL
MCI813	BHATTACHARJEE, ANINDITA DAS	ARTIFICIAL INTELLIGENCE AND SOFT COMPUTING : FOR BEGINNERS	006.3/BHA
MCI815	GRUS, JOEL	DATA SCIENCE FROM SCRATCH : FIRST PRINCIPLES WITH PYTHON	005.72/GRU
MCI819	PATTERSON, DAN W.	INTRODUCTION TO ARTIFICIAL INTELLIGENCE AND EXPERT SYSTEMS	006.3/PAT
MCI821	RAJASEKARAN, S. / PAI, G. A. VIJAYALAKSHMI	NEURAL NETWORKS AND FUZZY SYSTEMS AND EVOLUTIONARY ALGORITHMS : SYNTHESIS AND APPLICATIONS	006.32/RAJ
MCI823	HWANG, KAI / FOX, GEOFFREY C. / DONGARRA, JACK J.	DISTRIBUTED AND CLOUD COMPUTING FROM PARALLEL PROCESSING TO THE INTERNET OF THINGS	005.8/HWA
MCI824	BUYA, RAJKUMAR / VECCHIOLA, CHRISTIAN / SELVI, S.	MASTERING CLOUD COMPUTING : FOUNDATION AND APPLICATIONS PROGRAMMING	005.8/BUY

List of Journals

Sr.No.	Title	Frequency
1	Digit	Monthly
2	Electronics For You	Monthly
3	Indian Journal of Biotechnology	Monthly
4	Indian Journal of Biochemistry And Biophysics	Bio-monthly
5	Indian Journal of Chemistry Section A	Monthly
6	Indian Journal of Experimental Biology	Monthly
7	Indian Journal of Natural Products and Resources	Quarterly
8	Indian Journal of Pure & Applied Physics	Monthly
9	Indian Journal of Traditional Knowledge	Quarterly
10	Open Source	Monthly
11	Journal of Intellectual Property Rights	Bio-monthly
12	Journal of Scientific Industrial Research	Monthly
13	PC Quest	Monthly
14	Medicinal & Aromatic Plants Abstracts	Bi Monthly
15	The IUP Journal of Computer Sciences	Quarterly

Contents of Journals

1. Digit

Website: www.digit.in

Vol-,20 N0-1 PP-1-110

January-2020

ISSN: 74470-25140

Frequency - Monthly

Articles

- Level up Page-16
- Devworx Page-22
- Teardown Page-26
- Origins Page-30
- Take My Money Page-33
- Agent001 Page-34
- Reviews Page-36
- Recommended Buys Page-46
- Killer Rigs Page-47
- Rantz Page-63
- Booman Page-65
- Anime Watch Page-66
- Mythological comics Page-70
- Earth Page-76
- Ignorance Page-78
- Space Age Page-80
- Health Page-82
- 1000 words Page-85
- Geek-key Page-86
- Backtalk Page-88
- DGT Page-90
- Reevu –Shenmue3Page-100
- Kuvah Story Page-102
- SKDAR Game of the Year Page-106
- Mobile Monthly Page-108

1.1 Digit

Website: www.digit.in

Vol-20 N0-11 PP-1-110

February-2020

ISSN: 74470-25140

Frequency- Monthly

Articles

- CES 2020 Highlights Page-14
- Bazaar Page-20
- Level Up Page-28
- Agentool Page-32
- Take My Money Page-38
- Teardown Page-40
- Careers Page-42
- Killer Rigs Page-44
- Diary and Discussions Page-46
- Rantz Page-47
- The Streaming Wars Page-48
- Community Page-50
- Earth Page-54
- Origins Page-56
- Health Page-58
- Geek-Key Page-86
- DGT Page-88
- Backtalk Page-94
- Reevu-Pokemon Sword Page-98
- Reevu-MHW Iceborne Page-100
- Kuvah Story Page-102
- Phranchise Page-106

1.2 Digit

Website: www.digit.in

Vol-20 N0-3 PP-1-110

March-2020

ISSN: 74470-25140

Frequency - Monthly

Articles

- Level up Page-16
- Take my money Page-34
- Devworx Page-36
- Workshop Page-42

- Careers Page-44
- Teardown Page-46
- Recommended Buys Page-48
- Rantz Page-66
- Community Page-67
- Filling in the “Plotholes” Page-68
- Diary and Discussions Page-70
- Orgins Page-72
- Cutting Edge Page-74
- Health Page-76
- Space Age Page-78
- Geek-key Page-84
- Infoporn Page-86
- The Trolls of Tech Page-90
- Reevu –Bayonetta Vanquish 10th Anniversary Page-100
- Reevu –Monster Energy Supercross3Page-102
- Lego Hidden Side Page-108

2. Electronics For You

Website : <http://www.efymag.com>

Vol-52, No-1 pp.126

January -2020

ISSN: 0013-516X

Frequency : Monthly

Articles

- Fighting World Hunger With Solar Energy Page-18
- Bringing Advanced Precision to Laser Marking Systems Page-20
- Smart Ticketing Easing The Way We Travel Page-22
- AI-Powered Drones Come To The Rescue Page-24
- Solar : Can Solar Cells Provide Both Power And Drinking Water Page-26
- Paranormal the Electronics of Paranormal Manifestations Page-36
- CLOUD : Data Migration to Cloud Security And other key Elements Page-42
- Security : The perils of Trivialising The IoT Security Page-46
- Computing : Edge And Fog Computing Their Practical Uses Page-48
- Tech Focus : How Smart Consumers Are Driving Smart Industries Page-50
- Artificial intelligence :Smart Home, Smart City And Smart Nation Page-56
- Automation : Creating A Chat Bot with Recast AI Page-63
- Design : Chips off The New Block For Changing Times Page-68
- Automation : Digital Transfor mation With Industry 4.0 Page-71
- Renting is the new buying –Ajay Gulati, head sales and marketing Elctro Rent India Page-76

- Data is the lifeblood of all organizations –Manoj Sharma, HR director NetApp India Page-77
- Build A Clap-And Gesture –Controlled Robot Page-78
- Build A Model of Satellite Dish Antenna Angle Controller Page-82
- Make A Digital Distance Meter with Arduino Page-84
- Extend Transmission Range of 433MHz RF Transmitter Module Page-85
- Decode An JR Remote For Home Automation Page-86
- Control Light Animations Using Android App Page-88

2.1 Electronics For You

Website: <http://www.efymag.com>

Vol-52, No-2 pp.124

February -2020

ISSN: 0013-516X

Frequency : Monthly

Articles

- Resurgence of space-Based Solar Power Page-16
- Bio-CNG; The Panacea For Green Transportation Page-18
- Becoming Financially Smarter with New –Age banking Page-20
- Parking 4.0The Next –generation Parking Management Page-22
- Robotics Lilliputian Robots :The Micro-Bots Revolution Is Here Page-26
- Wearables : Sixth Sense Technology Life Beyond Physical Senses Page-32
- Virtual Reality :Can video Games Improve Brain Functioning Page-36
- Design : How to Build An Intelligent Home Using Raspberry pi Page-40
- Design : Some Useful Tips And Tricks for Designing Drones Page-44
- Healthcare ; how Leds Are Being Used In Health Sector Page-48
- Test & Measurement : How to check Performance of VR Headsets Page-56
- Artificial Intelligence : How Humanoid Robots Are Transforming Media Industry Page-63
- Solving thermal management issues is critical Page-65
- Choosing the right material is critical to the success of the 3D Print Page-66
- Whenever there is a mechanical movement that has to be counted or detected a reed switch is applicable Page-68
- Make your Own Smart Wireless Biometric Lock Page-69
- Make This joystick –Controlled Robot Page-72
- Build This Electronic Toy For A Child Page- 77
- Build GPS –Based Timer For your Radio Set Page-78
- Market Survey : AR And VR Market Size Likely to Grow Exponentially Page-84
- Optimise Work Productivity With Clean Indoor Air Page-88
- A Disruptive VR Platform For Real Estate Page-89
- Sweeping And Mopping Robot To Free People from Trivial Housework Page-90

- Smart Connected Battery Solution for Electric vehicles Page-91
- My Story : Ashish Jain director Modern Communication & Broadcast Systems pvt Ltd Page-92
- Facts & Figures : Some Tech Patents Issued In 2018-19 In India Page-96
- First Look : Some New Gadgets Page-99

2.2 Electronics For You

Website: <http://www.efymag.com>

Vol-52, No-3 pp.124

March -2020

ISSN: 0013-516X

Frequency : Monthly

Articles

- How Ready Are Indian Cities for Electric vehicles Page-16
- Role of Blockchain In Green Energy Page-18
- A New World of Possibilities With Reality 4.0 Page-20
- Innovation A Keyboard For Indian Language Text Entry Page-22
- SOLAR: SunBOT: Solar Cells That Track The Sun Like A Sunflower Page-24
- Manufacture: How Twisting Changes Properties of 2d Materials Page -34
- Mixed Reality : How AR And VR Can Be Applied To Marketing Page-37
- Tech Focus : Intelligent Connectivity Driving The Future of Transportation And Mobility Systems Page-42
- Electric Vehicles : Solar Energy And EV Charging Infrastructure Page-48
- Broadcast : The Journey of TV Technology In India Page-52
- Test & Measurement : Benefits of Systems on –Chip And In –Circuit Testing Page-56
- Cybersecurity : supervising Your AI with The Re Team Page-60
- Artificial Intelligence: AI In Modern Logistics Transportation And Smart Roads Page-63
- Design: How AI Is Redefining The Design Industry Page-66
- There is always a trade-off between quality and cost Page-70
- As the overall economy turns up all segments will pick up in the future Page-71
- EV batteries are getting bigger and so are charging power requirements Page-72
- Build This IoT –Based Smart Home Controller Using Blynk Page-74
- Make This Joystick –Controlled Industrial Automation System Page-77
- Make This Noise Detector For A Noise –Free Zone Page-80
- Make Your Own Dual-Voltage Rechargeable Torch Light Page-83
- Market Survey : opportunities And Forecasts in EV Market Page-89
- My Story : Simarpreet Singh ,founder Director Hartek Solar Page-96
- Facts & Figures Delhi Electric Vehicle Policy Page-102
- First Look : Some New Gadgets Page-105

- E-commerce The Escalating Trend of Online Shopping Continues Page-108

3. Indian Journal of Biotechnology

Website: <http://www.csir.res.in>.

Vol-18 No- 1 pp.1-88

January-2019

ISSN: 0972-5849

Frequency- Quarterly

Articles

- Comparative analysis of conventional and real time PCR for detection of haemoparasites in dogs BY-Lavinia Wahlang, Bindu Lakshmanan, Naicy Thomas, Anu Bosewell, Jain Jose K, Sunanda C & Aravindakshan T V Page-9
- A humoral immune response study of concoction of recombinant Fop A ,Dnak and GroEL in Mouse model as vaccine candidate against Francisella tularensis BY- Ritu Gaur & Dev Vrat Kamboj Page-16
- Serum based screening and molecular detection of brucellosis in ruminants BY- S Parthiban ,M prabhu , N Sweetline Anne, S Malmarugan & J Johnson Rajeswar Page-22
- Characterization of sperm heparin binding proteins using polyclonal antibodies raised against seminal plasma HBPs application in buffalo bull fertility BY- Navneet Gupta ,Ranjna S Cheema & Ashwani K Singh page- 26
- Arsenite –oxidation performance of microbes from abandoned iron ore mine BY-Sanjog T Thul , Bhavna Nigam ,Sarita Tiwari & Ram A Pandey Page-34
- Laccase gene silencing negatively effects growth and development in pleurotus ostreatus BY- Armas –Tizapantzi A, Marcial J, Fernandez F J ,Estrada-Torres A, Perez- Godinez E A & Montiel- Gonzalez A M Page-42
- Green synthesis of silver nanoparticles using Fagopyrum esculentum starch Antifungal antibacterial activity and its cytotoxicity BY- Aparna S Phirange & Sushma G Sabharwal Page-52
- Evaluation of heavy metal resistance profile of candida Parapsilosis BY- Smriti Bansal , Mayyank Garg & Mary Chatterjee Page-64
- Linkage mapping of QTL,s for grain minerals and physio-morphological traits for development of mineral rich rice BY- Naveen Kumar Rajesh ,Rajinder Kuamr Jain & Vijay Kumar Chaowdhury Page-69

3.1 Indian Journal of Biotechnology

Website: <http://www.csir.res.in>.

Vol-,18 No- 2 pp.89-184

April-2019

ISSN: 0972-5849

Frequency - Quarterly

Articles

- Molecular characterization of OASI as a biomarker molecule for early pregnancy diagnosis in *Bubalus bubalis* BY- Kanisht Batra ,Trilok Nanda , Rajni Kumari ,Vinay Kumar & Ushila Maan Page-97
- Garlic extract based preparation of size controlled superparamagnetic hematite nanoparticles and their cytotoxic applications BY- Kalyani Rath & Shampa Sen Page-108
- Designing of siRNA,s furious target genes of Cucumber mosaic virus subgroup IB Revathy K A & Bat AI Page- 119
- Comparative studies on biomass of *Anabaena ambigua* grown in an external loop airlift photobioreactor using cross- shaped and circular sparger BY- M B Venkataramana Reddy & M Mukunda Vani Page-126
- Generation of a cadmium –binding filamentous phage through cysteine –rich peptide display on PVIII Roman-Azcona M S ,Triguís S., Caballero S, Michajluc J & Sotelo P H Page-132
- Production and Partial Purification of galactosidase enzyme from probiotic *Bacillus subtilis* SK09BY- G Criselda Percival ,M Chamundeeswari, Rachel Lovlyna F, Seethalakshmi, R & G Sreekumar Page-139
- Genetic determination and characterization of extended spectrum lactamase producing *Escherichia coli* and *Klebsiella Pnuemoniae* in a tertiary care hospital , India BY- Nagarajan Padmini, Antony Alex Kennedy Ajilda ,Natesan Sivakumar , Indrajith Sureka ,Ramasamy Senthil Kumar & gopal Selvakumar Page-145
- Microsatellite markers assisted characterization of rice genotypes in relation to salt tolerance BY- Bibha Rani & V K Sharma Page-151
- Genetic polymorphism in *Dalbergia sissoo* Roxb using Rapd markers BY- Shivani dobhal Shruti Sharma ,Nafeesh Ahmed & Ashok Kumar page-164
- A Novel and discernible plate assay method for the qualitative screening of bacterial keratinases BY- Ruchi Sharma & Sunita Devi Page-174 ,

3.2 Indian Journal of Biotechnology

Website : <http://www.csir.res.in>.

Vol-,18 No- 3 pp.185-284

July-2019

ISSN: 0972-5849

Frequency - Quarterly

Articles

- 10 years after the birth of India's first cloned farm animal , where is buffalo cloning heading BY- Naresh L Selokar , Monika Saini ,Dharmendra Kumar , Rakesh K Sharma and Prem Sing Yadav Page- 191
- Phytochemical investigation and cytotoxic activity of hydro alcoholic fraction of *Trianthema decandra* BY- Kalpana Gajjala, Ravindernath Aniseti Jaya Prakash Dodla ,Aravind Kumar Rathod Page-193
- Characterization of wheat genotypes unraveled by molecular markers considering heat stress BY- Jagdale Mahesh Vasantrao ,Y K Pankaj ,Nilmani Prakash Page-204
- A putative heat- responsive transcription factor and its targets in Wheat Providing thermotolerance BY- J P Singh , R R Kumar , S Goswami , G K Rai , S Kumar S D Singh , S Bakshi, Page-214
- Characterization of maize genotypes using microsatellite markers associated with QTLs for kernel iron and zinc BY- S K Jaiswal , Vignesh Muthuamy , Firoz Hossain ,Rajkumar U zunjare, ,Rajat Goswami ,Rashmi Chhabra Page-224
- Estimation of genetic diversity ,structure and trait association of winged bean DC. Genotypes through AFLP and ITS markers BY- Chandra Sekhar Mohanty ,Vinayak Singh ,PriyaGupta ,Anukool Srivastava, Rojalin Pattanayak , Page-235
- Polymerase chain reaction and real-time PCR parameters for amplification of hydrolytic microorganisms and hydrogenotrophic methanogens in anaerobic bioreactor BY- J Jayamuthunagai, B Bharathiraja ,I Aberna Ebenezer Selvakumari and Sunita Varjani Page-246
- Bioethanol Production from peahull aqueous extract as a novel substrate using *Saccharomyces cerevisiae* Process evaluation using data modeling and mathematical optimization BY- Divya Saxena ,Anupama Singh Ranjna Sirohi Page-253
- Mathematically optimized Production Purification and characterization of penicillin G acylase from isolates AA17A and AA17B An industrial biocatalyst for Production of aminopenicllanic acid a core moiety of different penicillins BY- Abhishek ajamani, Rajesh Kumar , Prachi Bhargava and Siddhart Vats Page-260

3.3 Indian Journal of Biotechnology

Website : <http://www.csir.res.in>.

Vol-,18 No- 4 pp.285-360

October-2019

ISSN: 0972-5849

Frequency - Quarterly

Articles

- House of industrially important bioactive metabolites A review on actinobacteria BY- Naushin Bano, Saba Siddiqui, Kulsoom bano Mohammad Amit and Roohi Page-291
- Physicochemical properties of free and calcium alginate immobilized alkaline pectin lyase from bacillus cereus BY- Pooja Kohli, Akshita Mehta Singh and Reena Gupta Page-305
- Quantification of classical swine fever virus load by one –step TaqMan real-time RT – PCR assay BY--Gitika Rajbongshi Nagendra Nath barman S.K. Das and Elina Khatoom Page-315
- Salinity mediated enhancement in protein and pigment content in Spirulina platensis BY- Prabhath, G,P W A Shukla SP ,Kumar K Nuwansi K K T Page-323
- Molecular Phylogeny and spectral characteristics of selected soil crust cyanobacteria from tea gardens of Darjeeling BY- Dhanesh Kumar , Sukumar Bhakta and Siba Prasad Adhikary Page-330
- A study on the differentiation of filamentous cyanobacterial isolates using DNA fingerprinting approach BY- Yogesh Negi, Sunil Sharma , Ninni Sutradhar , Samrat Adhikari Page-337

3.4 Indian Journal of Biotechnology

Website : <http://www.csir.res.in>.

Vol-,19 No- 1 pp.64

January-2020

ISSN: 0972-5849

Frequency - Quarterly

Articles

- Cloning and analysis of promoter elements of a Ser/Thr Protein Kinase gene homologue from piper colubrinum Link By- Tomson Mani and S. Manjula Page-9
- Seed storage protein Phylogenetics of Indian Wheat genotypes belong to Triticum aestivum ,T dicoccum and T. durum BY- Monika Sihmar ,Jitendra Kumar Sharma , Anita Rani Santal and N. P. Singh Page-17
- Identification of urease producing virgibacillus sp. URI from marine sediments BY-Gargi Sarkara and Suthindhiran k Page-28
- Antibacterial and fibrinolytic potential of Himalayan soft gold mushroom Cordyceps sinensis BY- Diva Gupta Agrawal and Sardul Singh Sandhu Page-38

- Development of a dual-gene PCR assay for simultaneous amplification of structural and non-structural genes of bovine patients BY-Vandana Gupta ,Anju Nayak ,Madhu Swamy and R.V. Singh Page-45
- Detection of anti-Mycobacterium avium subspecies paratuberculosis antibodies in thyroid and type-I diabetes patients BY- Kundan Kumar Chaubey ,Shoor Vir Singh ,Pravin Kumar Singh ,Saurabh Gupta ,Vishal Khandelwa ,Pradeep Kumar Choudhary ,Gaurav Pant ,Sujata Jayaraman ,Krishna Dutta Rawat Page-49
- Effect of incubation period and culture medium on pepper anther culture BY- Stanislava Grozeva and Amol N .Nankar Page-53

4. Indian Journal of Biochemistry & Biophysics

Website : <http://www.csir.res.in>.

Vol-,56 No- 2 pp.99-178

April-2019

ISSN: 0972-5849

Frequency - Bi-monthly

Articles

- Expression purification and characterization of a biologically active and thermally stable human lysyl oxidase BY- Renganathan Bhuvanasunder Nagaraj Ragavachetty ,Naveen Kumar Singh Karunakaran Coral , Perinkulam Ravi Deepa & Konerirajapuram Natarajan Sulochana Page-105
- Purification Characterization and Functional Analysis of a Serine Protease Inhibitor from the Pulps of Cicer arietinum BY- Lakshminarayanan Karthik ,Radhakrishnan Manohar ,Kanal Elamparithi & Krishnasamy Gunasekaran Page-117
- Physicochemical studies of closed loop insulin delivery system based on intelligent carboxymethyl cellulose hydrogel BY – Leila Zolghadr , Bahman Vasheghani Farahani Hossein Ghasemzadeh & Nasrin Javadi Page-125
- Bioreduction of silver nanoparticles from aerial parts of Euphorbia hirta L. and its Potent anticancer activities against neuroblastoma cell lines BY- P Selvam ,T Vijayakumar , Ashish Wadhvani & L Muthulakshmi Page-132
- Comparative study on melanin production and collagen expression Profile of Polyphenols and their glycosides BY- Puspallata Bashyal ,Ha Young Jung ,Ramesh Prasad Pandey & Jae Kyung Sohng Page-137
- Elemental composition and X-ray diffraction studies of Strobilanthes species BY- Maria Cineola Fernandes & Krishnan Naushad Page-144
- Oxidation Products of DNA lipid and protein among the individuals progressing towards metabolic syndrome BY- Rinchen D Bhutia, Bidita Khandelwal ,Mingma L Sherpa & T A SinghPage-150

4.1 Indian Journal of Biochemistry & Biophysics

Website: <http://www.csir.res.in>.

Vol-,56 No- 3 pp.179-256

JUNE-2019

ISSN: 0972-5849

Frequency - Bi-monthly

Articles

- Molecular simulation and spectroscopic studies on the interaction between perfluorohexadecanoic acid and human serum albumin BY- Yan-Qui Zuo, Zhong –Sheng Yi, Jie Xu ,Cheng Wei & Hong –Yan Liu Page-185
- Ghrelin and Leptin increase voltage –gated Na⁺ and Ca²⁺ currents in the RIN –m5f insulin-Producing cell line BY- Belisario Dominguez –Mancera , Araceli Rodriguez – Andrade ,Manuel Barrientos- Morales, Patricia Cervantes –Acosta , Arabia Denisse Zamora –pardo & Antonio Hmandez –Beltran Page-193
- Determination of fruit quality of calcium carbide induced ripening in mango by physiological , biochemical , bio-enzymatic and elemental composition analysis BY- Preethi Palpandian, Haripriya Shanmugam , E Alli Rani & GTV Prabu Page-205
- Formation of long –lived reactive products I blood serum under heat treatment and low-intensity laser irradiation their role in hydrogen peroxide generation and DNA damage BY- VE Ivanov ,OE Karp, VI Bruskov , SN Andreev, NF Bunkin & SV Gudkov Page-214
- Evaluation of acetylcholinesterase and butyrylcholinesterase inhibitory activity of Huperzine –A in silico and in vitro studies BY- Shagun Dubey Upadhyay Yusra Ahmad ,Seema Kohil & RK Sharma Page-230
- Impact of sand organic carbon and climatic changes on the Population density and morphometric characters of *Emerita asiatica* in the East Coast of Southern India BY- US Mahadeva Rao ,L Krishnasamy , J Sivakumar C & Shanmuga Sundaram Page-240
- Acid and salt tolerance behavior of *Rhizobium* isolates and their effect on microbial diversity in the rhizosphere of redgram BY- Debadatta Sethi, Santanu Mohanty & Sushanta Kumar Pattanayk Page-245

4.2 Indian Journal of Biochemistry & Biophysics

Website : <http://www.csir.res.in>.

Vol-,56 No- 4 pp.257-338

August-2019

ISSN : 0972-5849

Frequency- Bi-monthly

Articles

- Oleuropein and oleic A novel emerging dietary target for human chronic diseases BY- Shaik Rahiman ,Tarek H EI- Metwally, Divya Shrivastava, Mudasar Nabi Tantry & Bilal Ahmad Tantry Page-263

- Assesment of peppermint clove , cumin essential oils and silver nano particles on biochemical and shelf life of Citrus limon BY- Smima Alah Tavakoli, Saeid Mirzaei Mehdi Rahimi & Iraj Tavassolian Page-269
- In silico and in vitro analysis of quorum quenching active phytochemicals from the ethanolic of medicinal plants against quorum sensing mediated virulence factors of Acinetobacter baumannii BY- S Karthick Raja Namasivayam ,K Grwri Shankar ,JM Vivek ,Mohideen Nizar & Sudarsan AV Page-276
- The pharmacological potential of hesperidin BY- Aditya Ganeshpurkar & Ajay Saluja Page-287
- Synthesis and antibacterial activity evaluation of aminoguanidine or dihydrotriazine derivatives BY- Xuequin Bai, Limin Zhao, Zhe Liu, Yan Li, Tianyi Zhang & Xuekun Liu Page-301
- Coupling dye degradation and biodiesel production by Geitlerinema sp TRV 27 BY- Renugadevi K, Valli Nachiyar C Padmavathy H & Anjali Devi P Page-309
- Mild and transient heat shock enhances DNA integration following lipofection of recombinant Plasmids in 4T1 cells BY- Rajani Kr Paul Mukesh Kumar & Meena Kataria Page-316
- Methylenetetrahydrofolate reductase gene polymorphisms and hyperhomocysteinemia as
- Risk factors for Myocardial Infarction BY- Adil A Eissa ,Chiman Saleem Rasool & Majeed Hussein Mustafa Page- 321
- Metallopharmaceuticals, Synthesis characterization and bio-active studies BY- S Aruna Kumari, B Kishore Babu, China Satyanarayana ,M Padma & B Swarna Latha Page-325

4.3 Indian Journal of Biochemistry & Biophysics

Website : <http://www.csir.res.in>.

Vol-56 No- 5 pp.339-412

October-2019

ISSN: 0972-5849

Frequency- Bi-monthly

Articles

- Future Prospects of fermentation in unani based drugs BY- Kishore kumar & Mohammed Zakir Page-347
- Production of Bioflavour from Microbial Sources and its health benefits BY- Priyanka Roy & Vijay Kumar Page-352
- Binary immobilization a newer approach for immobilizing lipase from a thermophilic sp. Of Thermomyces lanuginosus BY- Pritesh Gupta , Nipunta ,Kakoli Dutt, Saurabh Saran & Rajendra Kumar Saxena Page- 358
- Cholesterol lowering and antioxidant Potential of Probiotic bacteria isolated from locally fermented milk Product kalarei BY- Bilqeesa Bhat, Bisma Habib ,Neha Bhagat & Bijender Kumar Bajaj Page-363

- Green synthesis of acetohydroxamic acid by thermophilic amidase of bacillus smithii IIMB2907 BY- Rahul Vikram Singh ,Hitesh Sharma Prasoon Gupta ,Amit Kumar & Vikash Babu page-373
- Molasses growth medium for production of Rhizobium sp. Based biofertilizer BY- Garcha S, Kansal R & Gosal SK Page-378
- Production and characterization of biosurfactant from Halomonas sp. BR13 BY- Priyanka Parthi, Anuradha Mulik , Vipra Jadhav ,Amit Yadav , Yogesh Shouche & Rama Bhadekar Page-384
- Isolation ,identification and bioactive potential endophytes from Coleus BY- Vijay Lakshmi, Jamwal, Sheikh ,Gulfam , Ravi Singh Manhas ,Arem Qayum Nitika Kapoor ,Rekha Chouhan ,Shashank K Singh, Asha Chaubey & Sumit G Gandhi Page-392
- Optimization of cellulolytic enzyme Production by thermophilic fungus Thermascus aurantiacus using response surface methodology BY- Anita Singh & Somvir Bajar Page-399

4.4 Indian Journal of Biochemistry & Biophysics

Website: <http://www.csir.res.in>.

Vol-,56 No- 6 pp.413-540

December-2019

ISSN: 0972-5849

Frequency- Bi-monthly

Articles

- High expression of nucleophosmin is closely related to the grade and invasion of colorectal cancer BY- Zhaowei Yang ,Lu Qiao , Yang Chao ,Juan Lui, Yanqing Di, Jing Sun , Jiebing Zhang , Lihong Huang , Honghua Guo & Chengyan He Page- 420
- Serum glutamine synthetase activity as biomarker for tuberculosis diagnosis and monitoring anti-tubercular drug therapy success BY- Dipak Kumar Chattopadhyay Page-427
- Cloning and sequencing of a-2u globulin of rat preputial gland to assess its longevity in the context of developing an effective rodent trap BY- V. Silambarasan , S Gayathiri , G Deepalakshmi , M Shahitha Banu , V Nithya & G Archunan Page-433
- Correlation of uric acid levels and purine metabolism enzyme activities in plasma and liver tissues of diabetic rats BY- Yogaraje Gowda CV, Senthilkumar S & Kashinath RT Page-439
- Ultraviolet- C haematogenous oxidation therapy of lipopolysaccharide –induced endotoxemia in a rabbit model A biochemical study BY- Gareeballah Osman Adam, Gi-Beum Kim ,Sei – Jin Lee , Heeryung Lee, Shang –jin Kim ,Jin-Shang Kim & Hyung –Sub Kang Page-445
- Effect of Arthrospira platensis against sodium fluoride –induced haematological alternations BY- Pulala Raghuveer Yadav ,Mitta Raghavendra & Tokala Nageshwar Rao Page-455
- Impact of electroplating industry effluent on the electrophoretic protein pattern of serum in the freshwater fish Cyprinus carpio BY- VJ Florence Borgia ,AJ Thatheyus & AG Murugesan Page- 460

- Proteomic changes in response to lipin1 overexpression in 293T human renal epithelial cells BY- Jian Wang, Xiaoguang Lv, jing Sun MinPeng & Ping Shi Page-466
- Encapsulation of Fungal Extracellular Enzyme Cocktail in Cellulose Nanoparticles Enhancement in Enzyme Stability BY- Tan Wan Yuen , Subash CB Gopinath ,Periasamy Anbu Farizul Hafiz Kasim , Ahmad Radi Wan Yaakub , Thangavel Lakshmipriya & Choul-Gyun Lee Page-475
- Changes of phenolic compounds in LebZIP2- overexpressing transgenic plants BY- Eun Soo Seong Jae Geum Lee, III-Min Chung & Chang Yeon Yu Page-484
- In silico characterization of structural and functional impact of the deleterious SNPs on FSHR gene BY- Dakshina Moorthy Janani , Gopalakrishnan Poomima & Balasundaram Usha Page-492
- Pharmacological studies of zinc oxide nanoparticles BY- Veronica Deekala, Bonige Kishore Babu & Rameshraj Rudraraju Page- 500
- Cannabis as homeopathic medicine in extreme dilutions Thermal analysis for their differentiation and action on a protein BY- Priya Mondal, Nirmal Chandra Sukul , Atheni Konar , Tandra Sarkar, Md Amir Sohel Asmita Sengupta , Indrani Chakraborty & Anirban Sukul Page-506
- Genome cloning and genetic diversity of Apple chlorotic leaf spot virus BY- Wei Chen ,Xiaoya jing , Liuqing Sun , Hua Cheng Cai & Yiling Wang Page-514

4.5 Indian Journal of Biochemistry & Biophysics

Website: <http://www.csir.res.in>.

ISSN: 0972-5849

Vol-,57 No- 1 pp.1-116

February-2020

Frequency- Bi-monthly

Articles

- Trace elements analysis of *Biophytum sensitivum* DC. By EDXRF spectroscopy and its therapeutic role in diabetes mellitus BY- S Santhosh Kumar ,M Sudarshan & A Chakrabrty Page-8
- Protective effect of *Trigonella foemum* –*graecum* and *cinnamomum zeylanicum* against diabetes induced oxidative DNA damage in rats BY- Sapneh Sharma ,Vibhuti Mishra & Nalini Srivastava Page-15
- A Novel compound sitosterol -3-O-B-D-glucoside isolated from *Azadirachta indica* effectively induces apoptosis in leukemic cells by targeting Go/GI Population BY- Swadesh Sarkar ,Amrita Pal Anirban Chouni & Santanu Paul Page-27
- Protective role of nanoemulsion containing roman chamomile oil against mitomycin C- induced toxicity in Ehrlich ascites carcinoma bearing mice BY-Waad A Al-Otaibi, Mayson H Alkhatib ,& Abdulwahab Noor Wali Page-33

- Evaluation of oxidative stress biomarkers and inflammation in oathogenesis of diabetes and diabetic nephropathy BY- Kinnari N Mistry ,Brijesh K Dabhi & Bhoomi B Joshi Page45
- Inhibition of oxidative stress , inflammation and apoptosis by Terminalia arjuna against acetaminophen –induced hepatotoxicity in Wistar albino rats BY-Senthil Ganesh P Kannappan Gunapriya Raghunth Senthilkumar Sivanesan ,Rajagopalan –induced hepatotoxicity in Wistar albino rats Page- 51
- Immunomodulatory effect of rutin catechin and hesperidin on macrophage function BY- Aditya Ganeshpurkar & Ajay Saluja Page-58
- Apoptotic efficiency of capecitabine and 5- fluorouracil on human cancer cells through TRPV1 channels BY- Ishak Suat Ovey & Yilmaz Guler Page-64
- Contribution of ABCG2 gene polymorphisms in the prognosis of colorectal cancer BY- Abrar M Balkhair ,Ayat Al- Ghafari, Hanaa Tashkandi Suzan Alturki ,Huda Al Doghaither Atlal Abusand ,Shadi Alkhayyat ,Ann Yezerksi & Ahmed Zeeneldin Page-73
- Phosphorylation of a-syntrophin is responsible for its subcellular localization and interaction with dystrophin in muscle cells BY- MinJeong Kim, JacYun Moon & Hye Sun Kim Page-79
- Recovery of acerbic anaerobic digester for biogas production from pomegranate shells using organic loading approach BY- Kalpana Jain ,Pradeep Suryawanshi & Ambalal B Chaudhari Page-86
- Essential oil composition of clove and nutmeg from Andaman Nicobar Islands India BY- Ajit Arun Waman Page-95
- Effect of fungal biocontrol agents on enhancement of drought stress tolerance in rice BY- Bishnu Maya Bashyal Najam Waris Zaidi ,Uma Shankar Singh & Rashmi Aggarwal Page-101

5. Indian Journal of Chemistry (Section) A

Website: www.niscair.res.in

ISSN-0376-4710

Vol-58A no-12 pp-1287-1350 December-2019

Frequency - Monthly

Articles

- Electrocatalytic properties of La_{1-x}Cu_xCoO₃ perovskite-type oxide film electrodes of La,Cu and Co have been film electrodes for oxygen evolution in alkaline medium Part II A comparative study BY- Manish Kumar Yadav ,Basant Lal & Narendra Kumar Singh Page-1295
- Crystal structure thermal analyses and acetate binding properties in Zinc complex of a urea functionalized pyridyl ligand BY- Zaiwen Yang ,Shasha Sun ,Yilong Liu, Xiangrong Liu, Shunsheng Zhao, Zhen Zhang ,Xinjuan Chen ,Zheng Yang & Xiaodan Jia Page-1302

- Theoretical study of structural effects on reactivity and stability of isomeric pyrano-, thiopyrano and selenopyranopyrroles BY-Mohammad Mehdi Khodaei Abdolhamid Alizadeh & Parvin Ghanbari Page-1311
- Preparation structural characterization antimicrobial and anticancer activities DFT and molecular docking studies of a nano ferrocenyl Schiff base and its metal complexes BY-Walaa H Mahmoud ,Reem G Deghadi & Gehad G Mohamed Page-1319

6. Indian Journal of Experimental Biology

Website : www.niscair.res.in

ISSN-0019-5189

Vol-(A6)57no-8 pp-639-716

September-2019

Frequency - Monthly

Articles

- Tbx20 Promotes H9c2 cell survival against oxidative stress and hypoxia in vitro BY- Puja Sen ,Anisha Polley, Arunima Sengupta & Santanu Chakraborty Page-643
- Prophylactic and therapeutic potential of tender coconut water intervention on Antioxidant status in electron beam irradiated swiss albino mice BY- Vishakh R, Suchetha Kumari N, Ganes Sanjeev, Jayarama Shetty , Yogish Somayaji Alex John Peter & shailaja moodithaya S Page-656
- I- Naphthyl acetate as an alternative substrate of hemolysate cholinesterase Direct visualization of enzyme activity within 10 minutes on polyacrylamide gels BY- Sheemona Chowdhary ,Rajasri Bhattacharyya & Dibyajyoti Banerjee Page-662
- Stress induced changes in osmoprotectants ionic relations, antioxidants activities and protein profiling characterize *Sporobolus marginatus* salt tolerance mechanism BY- Anita Mann Ashwani Kumar Mohana Saha, Charu Lata & Arvind Kumar Page-672
- Evaluation of *Solanum lycopersicum* L. genotypes for high temperature stress tolerance employing temperature induction response technique BY- Geeta Biradar , Laxman RH, Namratha MR ,Thippeswamy M ,Bhatt RM Sadashiva AT Page-680
- Identification of drought tolerant *Sesamum* genotypes by enzymatic markers BY- Tapaswini Hota ,Chinmaya Pradhan & Gyana Ranjan Rout Page- 700
- Isolation and characterization of microalgae from waterlogged area of Southwest Panjab BY-Dalveer Kaur ,Monica Sachdeva Taggar Anu Kalia & Iqbal Singh Page--700
- Radiological determination of gastric motility in experimental model treated with *Rosmarinus Linn* extracts BY- Taiane Rita Carnevali, Stefanie Bressan Waller ,Marina de Mattos Ferrasso, Anacleto de Souza ,Rosa Junior, Luiz Paiva Carapeto, Rogerio Antonio Freitag ,Luiz Filipe Dame Schuch & Marlete Brum Cleff Page-708

6.1 Indian Journal of Experimental Biology

Website : www.niscair.res.in

ISSN-0019-5189

Vol-(A6)57no-12 pp-887-1004 December-2019

Frequency-Monthly

Articles

- Culm anatomy revealed association of vascular bundle number and silicon content with lodging behavior in Kodo millet BY- Sreeja R. Arul L. ,Kannan Bapu JR ,Nirmala Kumari A & Subramanian A Page-893
- Understanding the role of uncharacterized and hypothetical pathogenicity genes of *Colletotrichum orbiculare* to oxidative stress and phenolics of cucumber plant in anthracnose development BY- V Shanmugam, KH Veena , Shekhar Jain Rashmi Aggarwal & G Ilakkiyaselvan Page-899
- Volatile ,nonvolatile composition and biological activities of *Ageratum houstonianum* Mill against diamondback moth ,*Plutella xylostella* and aphid *Aphis craccivora* Koch BY- Olonisakin Adebisi, Shudh Kirti Dolma, Praveen Kumar Verma ,Bikram Singh & SG Eswara Reddy Page-908
- Shelf life of bioagents and longevity of biologically coated pigeonpea seed BY- V Jagadeesh ,Sujatha Patta, K Keshavulu, S Triveni, K Jhansi Rani & Kavali Raghavendra Page-916
- Spatial genetic variation in South Indian larval populations of legume pod borer *Maruca vitrata* Geyer BY- S Sambathkumar ,Durairaj C, Mohankumar S, Preetha ,B Aravintharaj R & N Ganapathy Page-923
- Screening and characterization of high lipid accumulating microalga *Ankistrodesmus* sp. From freshwater environment BY- Radha S, Renuka Dharani S Gayathri Devi S & Ramya M Page-931
- Isolation and molecular identification of α - amylase producing bacteria from hot water spring by 16SrRNA gene sequencing BY- H Sharma, Jagtar Singh & Navneet Batra Page-937
- *KasI* vs. *SspDI* Comparative analysis of enzyme activity for restriction digestion BY- Suman Rekha Puria & Vikrant Nain Page-945
- Individual and combined exposure of cupric chloride di-hydrate and anthracene to *Lamellidens corrianus* Evaluation of genotoxic response to using comet assay BY- Jamadar RJ , Attarde SS & Pandit SV Page-949
- Effect of seed rates on seed germination and seedling growth of Mulberry BY- M Younus Wani, MR Mir, MF Baqual ,Ab waheed Wani ,Nisar A Ganie & S Zia-ul Haque Ruffaie Page-956
- Genotype shift of Dengue Virus during the unprecedented 2017 outbreak of Dengue Fever in Thiruvananthapuram and Kerala State BY- praddep Kumar N, Anish TS Mathew J Valampampil Annie Twinkle Thomas Abidha Jessu Mathew , Ajithlal PM & Jambulingam P Page-961

7. Indian Journal of Natural Products and Resources

Website: www.niscair.res.in March-2019

ISSN-0976-0512

Vol-10 no-1 PP-1-92.

Frequency : Quarterly

Articles

- In-vitro anti – cancer and in- vivo immunomodulatory activity of two new compounds isolated from wheatgrass BY-Swati Save ,Harish Chander, Mahendra Patil ,Surjeet Singh ,Naresh Kumar Satti , Ganesh Chaturbhuj and Brian Clement Page-9
- Cell line toxicity study and pharmacological screening of effective nootropic herbal formulation in rat By- Shibnath Kamila and N V Satheesh Madhav Page-23
- Protective effect of Solamun torvum on monosodium glutamate-induced hepatotoxicity and nephrotoxicity in rats BY- Vrushali Kadam ,Suhilkumar Gangurde and Mahalaxmi Mohan Page-31
- Pharmacological screening of aqueous extract of Sesbania grandiflora for anti- glaucomic activity in Rabbits BY- S V V N S M Lakshmi,A Siva Mallikarjuna Reddy and S Vidya Page-43
- Inhibition of pharmacological and toxic effects of Echis carinatus venom By - Tabernaemontana alternifolia root extract BY-Vineetha M S Bhavya J and Sunil S More Page-48
- Nutritional composition and antioxidative stress properties in boiled tuberous rhizome of Neel Kamal BY- Ajay Anand ,Ukkujuri Priyanka . Vadiathe Lakshma Nayak , Amtul Zehra , Katragadda Suresh Babu and Ashok Kumar Tiwari Page-59
- Arboreal ethnoflora of Western Madhya Pradesh India BY- Vijay V Wagh and Ashok K Jain Page-68
- Ethnomicrofungal study of some wild macrofungi used by local peoples of Gorakhpur district ,Uttar Pradesh BY- Pratima Vishwakarma and N N Tripathi Page-81

7.1 Indian Journal of Natural Products and Resources

Website : www.niscair.res.in September-2019

ISSN-0976-0512

Vol-10 no-3 PP-161-220.

Frequency: Quarterly

Articles

- Piscicidal Plants of Northeast India and its future Prospect in aquaculture –A comprehensive review BY- Manash Pratim Dutta, Moirangthem Kameshwar Singh and Dhitri Borah Page-165
- Protective effect of methanol leaf extract of Sphaeranthus indicus L. on an experimental model of epilepsy BY-Anjana Devkota and Anita Sahu Page-175

- Evaluation of *ageratum houstonianum* Mill leaves extracts against phytopathogenic fungi BY- Anjana Devkota and Anita Sahu Page-181
- Antifungal activity and evaluation of phenolics contents of dill *Anethum graveolens* L extracts original from Algeria BY- Tifouri Benzina Zeyneb , Toumi Benali Fawzia , Benyahia Mohamed and Moon Joon –kwan Page- 188
- Screening and characterization of extracellular cellulose enzyme produced by wild edible mushroom *Pleurotus giganteus* BY- Gopal Debnt ,Panna Das and Ajay Krishna Saha Page-195
- Physico- chemical parameters and nutritive value of *Pavetta crussicaulis* Bremek and *Olea dioica* Roxb collected from Western Ghats region of Karnataka BY- Ashwathanarayana R, Padmasshree M S and Raja Naika Page-200
- Study of the safety profile of raw and cow,s urine Processed tubers of *Gloriosa superb* L. in albino rats BY-Bhargav Bhide, Rabinarayan Acharya , B Ravishankar , Rasika Kolhe and Mukesh Nariya Page-210

7.2 Indian Journal of Natural Products and Resources

Website: www.niscair.res.in

December-2019

ISSN-0976-0512

Vol-10 no-4 PP-221-286.

Frequency: Quarterly

Articles

- DPP-IV Inhibitors from natural sources An alternative approach for treatment and management of diabetes BY- Divya Sharma ,Sandeep Kumar ,Sunil Kumar and Dinesh Kumar Page-227
- Hepatoprotective studies of floral extracts of *Gomphrena serrate* L. and piperic acid on CCl₄ induced hepatotoxicity BY- Mamillapalli Vani ,Shaik Abdul Rahaman and Avula Pameela Rani Page- 238
- Protective effect of ethanolic leaf extract of *Alphonsea Sclerocapa* Against ethylene glycol induced urolithiasis in rats BY- Chandrasekar R , Jayanth P C and Niranjana Babu M Page- 252
- Antipsoriatic activity of *Cassia auriculata* L. flowers in Freund's adjuvant –Formaldehyde induced animal model BY- A. Vijayalakshmi, Priyanka M , Priyadharshini S, Sathish Kumar S and Jayakumari S Page-259
- Antioxidant ,oxidant potentials and element content of edible wild mushroom *helvella leucopus* BY- Mustafa Sevindik and Ilgaz Akata page-266
- Studies on artemisinin, morphotypic and genetic characteristics of seventeen species of *Artemisia* growing in Indian Himalayan Region BY- Shilpi Paul ,K Chandra Sekar ,Gopal Singh Aseesh Pandey and Monisha Bisht Page-272

7.3 Indian Journal of Natural Products and Resources

Website: www.niscair.res.in
Vol.10 no.2 pp-93-160

June-2019

ISSN-0976-0512
Frequency: Quarterly

Articles

- An updated review on physalis peruviana fruit cultivational nutraceutical and pharmaceutical aspects BY- Namrta Singh ,Samipta Singh, Priyanka Maurya ,Malti Arya , Farheen Khan Deepa H Dwivedi and Shubhini A Saraf Page-97
- Antioxidant and cytotoxic activities of Isaria amoenerosea Henn An entomopathogenic fungus from Darjeeling Hills Eastern Himalaya By- Abhijit , Chhetri, Yubaraj Pokhrel , Nerina Shahi ,Dorjay Lama and Dhani Raj Chhetri Page-111
- Cytotoxic effect of methanolic extracts and partially purified fractions of some medicinal plants used in traditional medication BY- Nutan V badgujar , Kinnari N Mistry , Dharamshibhai N Rank and Chaitanya G Joshi Page-119
- Chemical components and antioxidant activities of methanol extract of Syzygium polycephalum Miq, stem bark BY-Tukiran Andika pramudya Wardana, Nurul Hidajati and Kuniyoshi Shiimizu Page-127
- Comparative study of the production of coumarins and furanocoumarins in three Ruteae species BY- Saida Bergheul , Mariana Limones –Mendez, Jeremy Grosjean ,Alain Hehn ,Alexandre Olry and Abdellah Berkani Page-137
- Analysis of metals and Persistent organic pollutants in ethyl acetate extract of Peltophorum africanum BY- Benjamin I Okeleye, Seteno K O Ntwampe and Vincent I Okudoh BY- 143
- Green synthesis characterization and optimization of silver nanoparticles using honey and antimicrobial study with food supplements BY- Fatma Sabeeah Al Habsi Mohammed Al Dholi, Saleema Tahani Al-musallami,Page-150

8. Indian Journal of Pure & Applied Physics

Website : www.niscair.res.in
Vol-57no-12 PP-855-940.

December -2019

ISSN-0019-5596
Frequency : Monthly

Articles

- Navier's slip condition and magnetic field effects on unsteady stagnation Point flow subject to a stretched plate along to viscous dissipation and joule heating utilizing nanofluids BY- Santosh Chaudhary & K M Kanika Page-861
- Selective and sensitive detection of CO gas by In₂O₃ thick film gas sensors BY- F K Ansari & M D Mahanubhav Page-877
- Estimation of lattice strain in Mn-doped ZnO nanoparticles and its effect on structural and optical properties BY-Raj Kumar Yadav & Pratima Chauhan Page-881

- Cubic methylammonium lead chloride Perovskite as a transparent conductor in solar cell applications An: experimental theoretical study BY- Paramita Sarkar ,Rishikanta Mayengbam S K Tripathy & K L baishnab Page-891
- Dielectric characterization and molecular interaction behavior in binary mixtures of methyl acetate with l-butanol and l-pentanol BY- S B Kolhe P B Undre ,V P Deshpande & P W Khirade Page-900
- Ultrasonic assisted synthesis of activated carbon for electromagnetic shielding material from rice husk fibre BY- G. R. Mishra, G Nath & R Paikaray Page-911
- Elastic Properties and zone centre frequencies of Cu₂ O by LCAO Method BY- K L M Galav ,S S Paliwal ,V Maurya, G Sharma & K B Joshi Page-918
- Tuning of photonic bandgap in lithium niobate photonic crystal slab structures for wavelength filtering BY- Vadapalli Durga Rama Pavan & Sourabh Roy Page-923

8.1 Indian Journal of Pure & Applied Physics

Website: www.niscair.res.in

January -2020

ISSN-0019-5596

Vol-58no-1 PP-1-66.

Frequency: monthly

Articles

- Improvement in short-circuited coaxial flange for evaluating microwave superconducting properties at low temperature BY-Sandhya M Patel, Yogita Kalra, V N Ojha & R K Sinha Page-5
- Optical properties of Cds : Pb thin layer deposited on glass substrate BY- Hariom Kumar Kaushik , Sushil Kumar , Megha Gupta Chaudhary & Savidh Khan Page11
- Compact printed log-periodic dipole antenna with T-shaped arm for wide band applications BY- Amit Birwal, Nilesh kumar Manker , & Kamlesh patel Page-16
- Ion beam and discharge characteristics of cold cathode ion source BY- A Atta, H M Abdel-Hamid Y H A Fawzy & M M EI –Okr Page-24
- Thickness dependent studies of hetero –junction solar cell synthesized on quartz substrate by spray pyrolysis technique BY- R Shashidhar & Nityanand Choudhary Page-36
- Relationship between qualitative physics and fuzzy logic in natural subsystems BY- G Prabakaran, D Vaithyanathan & Madhavi Ganesan Page-44
- Structural and optical properties of TeO₂-SeO₂-Na₂O glass system BY- P Satya, Gopal Rao,Rajesh Siripuram & Suresh Sripada Page-50

8.2 Indian Journal of Pure & Applied Physics

Website: www.niscair.res.in
58No-2 PP-67-130.

February -2020

ISSN-0019-5596
Frequency: Monthly

Vol-

Articles

- Numerical investigation of unsteady MHD flow and radiation heat transfer past a stretching surface in porous media with viscous dissipation and heat generation /absorption BY- Susheela Chaudhary , Santosh Chaudhary & MohanKumar Choudhary Page-71
- Heat and mass transfer analysis of casson fluid flow on a permeable rigid-plate BY- P Loganathan & K Deepa Page-79
- **Heat transfer in combined convective magnetohydrodynamic motion of** nanofluid holding different shapes of nanoparticles in a channel under the influence of heat source BY-Pentyala Srinivasa Rao , Om Prakash Sharma Page-87
- Automation for calibrating a precision current source by Ohm's law method BY- Bushra Ehtesham , Ushakiran & Thomas John Page-99
- Investigations on a low-profile, filter backed printed monopole antenna for UWB communication BY- Ankan Bhattacharya, Anab De, Bappadittya Roy & Anup K Bhattacharjee Page-106
- Electrolytes for sodium ion batteries ;A short review BY- Archana Chandra Angesh Chandra & R S & R S Dhundhel Page-113
- First principles investigation of electronic and magnetic-properties of double perovskites A2NRuO6 BY- Mhamed Musa Hasab –Elkhalig Page-120

8.3 Indian Journal of Pure & Applied Physics

Website: www.niscair.res.in
58No-3 PP-131-196.

March -2020

ISSN-0019-5596
Frequency : Monthly

Vol-

Articles

- Iso-conversional study of crystallization activation energy of amorphous –crystallization transformation for Se 79Te20pb1 glass using non-isothermal scanning calorimetry technique BY- Priyanka Vashist, Balbir Singh Patial , Anjali, S K Tripathi & Nagesh Thakur page-135
- Thermo-acoustical properties of carbamide and N, N-dimethylformamide binary mixture at different temperatures BY- Hanuman Niwruutti Thorat & Anita Murugkar Page-141
- Energy efficient decision fusion for differential space-time block codes in wireless sensor networks BY- M Kanthimathi, R Amutha, D vaithiyanathan & S Somesh Sharma Page-147
- Spectroscopic properties of Sm³⁺ and CdS co-doped in sol-gel silica BY-Md Uzair Khan ,A L Fanai & S Rai Page-157

- SIW cavity-backed patch antenna for –band applications BY-Rajesh Kumar Raj Page-164
- Preferential solvation and bimolecular quenching reactions of boronic acid dye at very low quencher concentrations studied by fluorescence spectrum in toluene butanol binary mixtures BY- P Bhavya, Raveendra Melavanki , Raviraj Kusanur & Thipperudrappa Page-168
- Effect of buoyancy and suction on Sisko nanofluid over a vertical stretching sheet in a porous medium with mass flux condition BY-Rajesh Sharma & Ankita Bisht Page-178
- Conduction mechanism-and defect density of amorphous Te15 glassy alloys BY-Kameswar Kumar & Nagesh Thakur Page189

9. Indian Journal of Traditional Knowledge

Website: www.ijtk@niscair

ISSN-0972-5938

Vol. 18 No.1 PP-1-204

January-2019

Frequency-Quarterly

Articles

- Traditional knowledge & Dynamics of edible plants of primitive tribal group Paudi Bhuyan with changing demography & migration patterns in Northern Odisha BY- Livleen K Kahlon & Rita Singh Page-7
- Nutritional evaluation of *Rhus chinensis* Mill and development of value added products BY- Memthoi Devi Heirangkhongjam & Iboyaima Singh Ngaseppam Page-16
- Traditional knowledge on plant use from Negotin Krajina An ethnobotanical study BY- Pedja Janackovic , Milan Gavrilovic ,Jasmina Savic ,Petar D. Marin & Zora Dajic Stevanovic Page-25
- Anti-hyperlycaemic study of Eladi Churna in streptozotocin induced diabetic rats BY- Komal Bansal, KRC Reddy & Anshuman Trigonayat Page-34
- Inhibition of *Pseudomonas aeruginosa* by the extracts of indigenous plants from the Cordillera Region Philippines BY- Charlotte E. Elmido ,Kryssa D. Balangcod & Teodora D. Balangcod Page-41
- Hepatoprotective and Anti- Hepatitis effect of non pharmacopoeial compound formulation on CC14-induced hepatotoxicity in albino rats BY- Bushra Iqbal & Naeem Ahmad Khan Page-47
- Effects of *Trachyspermum ammi* L. on serum urine and hepatic uric acid levels in oxonate –induced rats and in vitro xanthine oxidase inhibition assay BY- Muhammed Bilal, Saeed Ahmad ,Tayyeba Rehman, Waheed Mumtaz Abbasi, Aymen Owais Ghauri & Muhammad Adeel Arshad Page-52
- Local perceptions and adaptation of indigenous communities to climate change Evidences from High Mountain pangi valley of Indian Himalayas BY- Rajesh Kumar Meena , Vikas , TP Verma ,RP yadav, RP Yadav ,SK Mahapatra ,Jaya N Surya Dharma Singh & SK Singh Page-58

- *Nepenthes khasiana* Hook f. an endangered tropical pitcher plant of India BY- Soibam purnima Devi, Suman Kumaria, Ph. Ranjit Sharma , Pramesh Khoyumthem & Pramod Tandon Page- 68
- An ethnobotanical survey of medicinal plants in Karlova BY- Muharrem Nadiroglu ,Lutfi Behcet & Ugur Cakilcioglu Page-76
- Cytokines modulating potential of *Neolamarckia cadamba* Bosser BY- Vishal Khandelwal , Pradeep Kumar Choudhary ,Anjana Goel AK Bhatia Gaurav Pant Kundan Kuamr Chaubey ,Saurabh Gupta & Shoor Vir Singh Page-88
- Traditional knowledge and use of mammals in a rural community in the Sertaneja depression BY- Suellen da Silva Santos , Hyago Kesley de Lucena Soares , Vanessa Moura dos Santos Soares & Reinaldo Farias paiva de Lucena Page-94
- Scientific validation of indigenous organic formulation –panchagaya for sustaining rice productivity and residual effect in rice-lentil system under hot semi-arid eco-region of middle Indo- Gangetic Plains BY- pravin Kumar Upadhyay, Avijit Sen Sanjay Singh Rathore ,Bipin Kumar Ram Kumar Singh Saroj Kumar Prasad & Ardith Sankar Page-104
- Intergenerationl transmission of traditional practices at newborn care An explorative study NEWBORN CARE BY- Nazan Gurarslan Bas.,Gulnaz Karatay ,Duygu Arikan Kazim Bas.Page-114
- *Euphorbia pulvinata* Marloth : A useful succulent plant species in Vhembe Biosp Reserve Limpopo Province, South Africa BY-Luambo Jeffrey Ramarumo, Alfred Maroyi & Milingoni Peter Tshisikhawe Page-122
- Phytochemical characterization of ayurvedic formulations of *Terminalia arjuna* A Potential tool for quality assurance BY- Sushant A. Shengule , Sanjay Mishra ,Dada Patil ,Kalpana S. Joshi & Bhushan Patwardhan Page-127
- In vitro anti- inflammatory activity of Mongolian horse fecal hotwater extract BY- Delgerzul Baatar, Otgonpurev Sukhbaatar ,Altantsetseg Khajidsuren Baatartsigt Oyungerel ,Bayarbat Ishvaanjil & Hwang Seong Gu Page-133
- *Sisymbrium irio* L. A Herb used in the Unani system of medicine for broad spectrum therapeutical applications BY- Temesgen hailu, Rajinder K Gupta & Archana Rani Page-140
- In vitro antidiabetic antioxidation and cytotoxicity activities of ethanolic extract of *Aquilaria crassna* leaves and its active compound mangiferin Woratouch Thitikornpong Chanida Palanuvej & Nijisiri Ruangrungrongsi Page-144
- Non-timber forest products used by Garo tribe of Rongram block in West Garo Hills Meghalaya BY- Antica Jarangchi T. Sangma & Lalnundanga Page-151
- Screening of traditionally used medicinal plants for their antimicrobial efficacy against oral pathogens and GC-MC analysis of *Acacia nilotica* extract BY- Rosy Kumari, Ratish Chandra Mishra Amita Yadav & Jaya Parkash Yadav page-162
- Enhancement of diffusion and adoption of local knowledge through social learning A; case study of white fly management in cotton in Haryana BY- Priti Priyadarshni, R N. Padaria, RR Burman, NV Kumbbhare & E Varghese Page-169

- Physical properties of an Indian Ayurvedic medicine as nano materials for its application By- Rakesh Kumar Singh, Sanjay Kumar ,Abhay Kr. Aman Sunil Kr. Manoranjan Kar ,Shankar Kumar & S.K. Tripathi Page-178
- CNS activity of ethyl acetate extract of stem bark of *Dodonaea viscosa* Linn BY- Rajalakshimi V ,Sadia Batool, Shatha saeed, Norah Almordy ,Maram Abdullah, NoufSaeed Alasmari, & Salhahalshahrani Page-184

9.1 Indian Journal of Traditional Knowledge

Website: www.ijtk@niscair.res.in

Vol. 18 No.2 PP-205-416

April-2019

ISSN-0972-2538

Frequency-Quarterly

Articles

- In- vitro screening of cucurbitaceous plants for antidiabetic potential BY- Manish Shukla, Vinayak R Naik ,Asha Kulkarni Almeida & Arvind Saklani Page-209
- Medicinal Plant Biodiversity used among the rural communities of Arid Regions of Northern Punjab ,Pakistan BY- Shomaila Ashfaq, Mushtaq Ahmad ,Muhammad Zafar ,Shazia Sultana, Saraj Bahadur ,Naeem Abbas Page-226
- Comparative analysis of the biochemical parameters among the three Prakriti individuals having Type 2 diabetes mellitus BY- Saheli Banerjee, Krishna chattopadhyay, TUhin Kanti Biswas,& Brajadulal Chattopadhyay Page-242
- Indigenous knowle and phytochemical screening of medicinal chuk from *Rhus chinensis* *Docynia indica* ,and *Hippophae salicifolia* in the Sikkim Himalaya BY- Ghanashyam Sharma , Bharat Kumar Pradhan ,Santosh K Chettri & Dhani Raj Chettri Page-250
- Geospatial mapping of antimalarial plants used by the ethnic groups of Anuppur district BY- Manish Kumar Dwivedi, birjhu Singh Shyam ,Mishri Lal Prashant Kumar Singh ,Naveen Kumar Sharma & Ravindra Shukla Page-261
- Assessment of antimicrobial potential of selected *Holothuria* species BY- Sakineh Mashjoor, Morteza Yousefzadi & Fatemeh Pishevarzad Page-272
- Antioxidant antimicrobial and immunostimulant properties of saline extract from *Caesalpinia Pulcherrima* Swartz leaves BY- Lethicia Maria de Souza Aguiar ,Dayane Kelly Dias do Nascimento Barbara de Azevedo Ramos Maiara Celine de Moura Page-281
- Phytochemical analysis, phenolic content antioxidant antibacterial insecticidal and cytotoxic activites of *Allium reuterianum* Boiss, extracts BY- Cigdem Aydin & Ramazan Mammadov Page-290
- Ethnobotanical knowledge and socioeconomic potential of honey wine in the Horn of Africa BY- Anurag Dhyani, Kamal C Semwal , Yishak Gebrekidan, Meheretu Yonas Vinod Kumar Yadav & Pratibha Chaturvedi Page-299
- Insecticidal potential of traditionally important plant ,*Zanthoxylum armatum* DC against cabbage butterfly ,*Pieris brassicae* BY- G Kaleeswaran ,DM Firake GT Behere GK Challa, RK Sanjukta & P Baiswar Page-304

- Traditional hepatoprotective herbal medicine of Koch tribe in the South –West Garo Hills district ,Meghalya By- Hemen Chandra Majumdar ,Juri Moni Shyam Utpal Chowdhury Devpratim Koch & niranjan Roy Page-312
- Effect of Mulaka Panchanga and Mulaka kshara against cisplatin –induced nephrotoxicity BY- Vishva Savaliya Amit G Patel, Nidhi Ranpariya ,Pk Prajapati ,& Mukesh Kumar Nariya Page-318
- Traditional clay Pottery of Odisha, India BY- T Panda ,N Mishra, S Rahimuddin ,BK Pradhan ,SD Rout & RB Mohanty Page-325
- Study of therapeutic role of yoga on lipid profile in dyslipidemic individuals of Ahmedabad city BY- Devashree N Oza , Nikita Vadsaria ,Tapan A Patel & RJ Verma Page-333
- Raphaus sativus fresh juice Priming moderates sucrose –induced postprandial glycemia as well as postprandial glycemic excursion in rats BY- Medikonda Some Srujana ,Ram Sai Prabhath Thota, Ajay Anand Komati Anusha ,Amtul Zehra, Konduri Prasad, Katragadda Suresh Babu & Ashok Kumar Tiwari Page-339
- Eco- Friendly approaches to rejuvenate the Khadi udyog in Assam BY- Ashis N Banerjee, Pintu Pandit & Sankar Roy Maulik Page-346
- Role of yoga intervention on quality of life and prehypertension BY- Vrinda Hari Ankolekar ,Govardhan Reddy , Chidananda Sanju S V & Mamatha H Page-351
- Antihyperuricemic activity of gum of Calophyllum ultra high dilutions in potassium oxonate induced wister albino rats BY- Shifa Shaffique, SaeedAhmaed Tayyeba Rehman ,Haseeb Anwar ,Hafiz Muhammad Asif Ghulam Hussain & Waheed Mumtaz Abbasi Page-356
- Identification of Nephelium lappaceum leaves phenolic and flavonoid component with radical scavenging antidiabetic and antibacterial potential BY- Sridevi Chigurpati, Shantini Vijaybaan ,Kesavanarayanan Krishnan Selvarajan ,Nadia E. Hashish , Vasudevan mani, Eiman Sayed Ahmed & Suprava Das Page-360
- Change in refractive status and pupil size during different yoga posture among healthy subjects BY- Preethi Naik ,Ali Reza Parandeh ,Govardhan Reddy & Ramesh S Ve Page-366
- Linkage analysis for drought tolerance in kharif rice of Assam using microsatellite markers BY- JP Sahoo, Vinay Sharma ,Rahul K Verma,Sk Chetia ,AR Baruah ,MK Modi & Vinod Kumar Yadav Page-371
- Assessment of household perceptions to climate adaptation for resilient rural development Planning in India BY- Naveen P Singh Bhawna Anand & Mohd Arshad Khan Page-376
- Functional properties of rich sweet vermouthe form wild apricot fruits BY- Ghan Shyam Abrol & Vinod Kumar Joshi Page-383
- Traditional artifacts from dried leaves of Cymbidium species in Indian state of Sikkim BY- DR Singh RK Pamarthi ,raj Kumar ,D Rai, AL Meitei & P Kiran Babu Page-390
- Determination of antioxidant antimicrobial and antitumor activity of bryophytes from Mount Ida BY- Ozlem Tonguc Yayintas Selehattin Yilmaz & munevver Sokmen page-385

10. Open Source

Website: <http://www.OpenSourceForU.com>
Vol-08, No-04 pp108 January- 2020

ISSN-2456-4885
Frequency: Monthly

Articles

- Using GIMP to Increase Business Productivity Page-30
- Writing Documentation with Free Software Tools Page-36
- Improve Internet Coverage with Mesh Routers Page-41
- Why SQL, Should Be Used for Data Analysis Page-44
- Cloud Based Free Platforms for secure Backup and Recovery of Data Page-50
- Data Management Systems for IoT Devices Page-53
- Using MySQL and Pivot Tables for Data Analysis Page-55
- How to Analyse Big Data Using the ELK Stack Page-59
- A Guide to Real-time Data Extraction from the cloud Page-64
- Backing Up VM Files with Borg Page-68
- Leveraging Python Generators for Developing Elegant Code Page-73
- rx.el: Providing s-expression notation for regular expressions Page-80
- Creating a Dynamic DNC Server Using Twisted Python Page-84
- Experimenting with Classifiers in Weka Page-93
- Understanding ELF the Executable and Linkable Format Page-95
- The Python Libraries that are made for Machine Learning Page-99
- How Open Source Technologies Can Add Security to IoT Page-101
- Deploy Django with SSL and Nginx on Google Cloud Platform Using Ubuntu VM Page

10.1 Open Source

Website: <http://www.OpenSourceForU.com>
Vol-08, No-05 pp108 February- 2020

ISSN-2456-4885
Frequency: Monthly

Articles

- Cool Tweaks for Foss Enthusiasts Page-20
- Tabula Use this Foss Tool to Extract Data from PDF Files Page-24
- The Role of Open Source Software in Educating Engineers Page-26
- Why you Should Use A Backup Solution to Protect your Cloud Data Page-36
- Wireless Communication Keeping Pace with Next –Gen Technologies Page-38
- The Top Six IDEs for Raspberry Pi Page-49

- The Top 10 Open Source Web Development Frameworks for 2020 Page-53
- The Top Open Source Cloud Tools Page-62
- The Top 10 Open Source web Servers in 2019 Page-66
- The Top 10 Open Source Tools of 2019 Page-71
- Simplifying Statistics with SQL for Data Analysis Page-79
- How to Carry Out Exploratory Data Analysis with MySQL Page-82
- Using pytorch with Google Colab for Machine Learning Page-85
- Getting Started with Knockout Page-90
- a. el. Emacs Lisp Functions for Associative Data Structures Page-92
- The Evolution of web Protocols Page-95
- Docker Build Ship and Run Any App Anywhere Page -101
- 7 Best Practices for Securing the Public Cloud Page-104

10.2 Open Source

Website: <http://www.OpenSourceForU.com>
Vol-08, No-06 pp108 March- 2020

ISSN-2456-4885
Frequency: Monthly

Articles

- The Evolution of Web Protocols Page-24
- Using GIMP to Increase Business Productivity Page-31
- Bluetooth Mesh Putting the Smartness in Smart Buildings Page-24
- How AI Empowers workforce and Drives objectivity Page-39
- Building a Progressive Web App Using Vue.js Page-42
- Session Handling in Node js: A Tutorial Page-45
- Everything You Wanted to Know About PWAs Page- 56
- Build a To-do List App Using the Ionic 4 Framework Page-62
- Is Your Website Accessible and Inclusive Page-66
- Python Libraries that Developers Should be Familiar With Page-70
- A Quick look at Web Optimisation Tools and Techniques Page-73
- How to Convert an Angular App into a PWA Page-77
- Using SQL for Regression Analysis Page-81
- The Art of Reverse Engineering Page-86
- Add Superpowers to Your Tests with Taiko Page-90
- Exploring Software Forgotten Software LibreOffice Mail Merge Page-95
- The Open Way of Managing Containers Page-96
- Be Prepared for Disasters with Open Source Software Page-97
- Disk and File Management Tools that Make Life Simpler Page-100
- Affordable Laptops Priced Under 25,000 Page-102

11. Journal of Intellectual Property Rights

Website: <http://www.niscair.res.in>

ISSN-0975-1076

Vol-24, No-1-2 pp -1-48 January-March- 2019

Frequency: Monthly

Articles

- SPC Regulation ,Analysis of Spc Case Laws and Roadmap for Pharmaceutical Industry BY- Omkar Joshi, Archana Roy and Manthan Janodia Page-5
- The Menace of patent Trolls What the World Can Learn India BY- Aindrani Sarker Neha Reddy and Nehan Sethi Page-21
- Contributory Copyright Infringement in Music Industry Technological Implications BY- Yash Bagal Page-28
- IPR Registration in the Fashion Industry of India BY- Vishaka Agarwal Page-35
- Blockchain Technology and Intellectual Property Rights BY-B P Singh and Anand Tripathi Page-41

11.1 Journal of Intellectual Property Rights

Website: <http://www.niscair.res.in>

ISSN-0975-1076

Vol-24, No-3-4 pp -49-119

May-July 2019

Frequency: Monthly

Articles

- Biological Diversity Act: A Concern for Conservation of Genetic Resource and Associated Traditional Knowledge in India BY- Gari Chakrabarti Page-53
- Abolition of Graphical Representation in EU Trademark Directive Shoud Countries with Similar Provisions Follow EU's Footsteps BY- Tolulope Anthony Adekola Page-62
- Pharmaceutical Test Data Protection of Demands for Data Exclusivity : Issues and Concerns for Developing Countries and India' s Position BY- Amit Singh and India' s Position BY- Amit Singh and Paramita Das Gupta Page-69
- Notion of Ownership in IP Protection of Traditional Ecological Knowledge vis-a vis Protection of TK and Cultural Expression Act 2016 of Kenya BY- Francis Kariuki Page-69
- Anti Pharmaceutical Patent Ever –Greening Law: Global Need in Support of Public Health BY-Say-yed Hesameddin Tafreshi page-103
- The Turkish Supreme Court of Appeals on Non-Use of Trademarks BY- Cahit Suluk and Mehmet Nafi Artemel Page-113

11.2 Journal of Intellectual Property Rights

Website: <http://www.niscair.res.in>

Vol-24, No-5-6 pp -119-174

Sept –Nov 2019

ISSN-0975-1076

Frequency-Monthly

Articles

- Compulsory Licensing For Public Health And USA's Special 301 Pressure An Indian Experience BY- Aswathy Asok Page-125
- Is Traditional Knowledge Digital Library A Success BY- Ananye Krishna Page-132
- Regulatory Challenges in Clinical Trials : Strategies to Overcome Commonly Observed Deficiencies BY- Raja Rajeswari K ,Sri Durga C H and Rama Mohan Gupta V Page-140
- Licensing of Standard Essential Patents on FRAND Terms in India BY- Digvijay Singh and Rajnish Kumar Singh Page- 149
- Pulut Mandoti Potential GI of Enrekang Regency in Indonesia BY- Hasbir Paserangi lin Karita sakharin ,Wiwie Heryani ,A Teryani A. Tenri Famauri ,Ratnawati and Kadarudin Page-16

12. Journal of Scientific Industrial Research

Website: <http://www.niscair.res.in>

Vol-78, No-9 pp -563-642

September- 2019.

ISSN-0022-4456

Frequency- Monthly

Articles

- Predicting systemic Banking Crises using Extreme Gradient Boosting BY- D Alaminos, M A Fernandez –Gamez Jose Antonio C Santos and J A Compos-Soria Page-571
- Strategic alliance with Frenemy in Electric Vehicle Industry for Commercialization BY- Dong –Hyum lim and Yeong –wha Sawng Page-576
- The Efficiency of Technology Transfer in Chinese Key Universities BY- Qing Gao, Feng He, Anitha Moosa and Quan Lv Page-582
- Selection of Inductor and Capacitor for Buck Converter using Design Equations Comparison BY- R Kaye , A Kalam and C Ozansoy Page-586
- A New Digital Modulation Technique Two Messages in One Carrier BY- S Maharatha and M Mukhopadhyay Page-589
- Dynamic Key and Based Algorithm for Security in Cloud Computing Using Soft Computing Algorithm for Security in Cloud Computing Using Soft Computing and Dynamic Fuzzy Approach BY- P Kumar A Gupta and S Kumar Page-596
- Linear Antenna Array Synthesis for Unconstrained and Constrained Nulls Using Social Group Optimization Algorithm BY- A R Sheik and K S Krishna Page-601

- Luminance –Chrominance –Gradient Based Technique for High Dynamic Range Image Fusion BY-B Ravi Krian and V Valli Kumari Page-604
- Medium Optimization using Response Surface Methodology for High Cell Mass Production of Lactobacillus acidophilus BY- A N Kepli, D J Dailin ,R A Malck ,EA elsayed O M Leng and H A El –Enshasy Page-608
- Study the Machining Process Parameters on die-Sinking EDM for A15083/B4C Composite BY- Ram Singh ,Rabisankar Debnath and RN Rai Page-615
- An Experimental Investigation of Thermal Conductivity of TiO₂ Nanofluid Proposing a new Correlation BY- R P Singh K Sharma and A K Tiwari Page-620
- Reclamation of Model Wastewater Containing Rhodamine B by Electrochemical Fenton Process BY-N R Vaghela and K Nath Page-622
- Design Development and Evaluation of Portable Washer for Lotus Rhizomes BY- S Z Hussain ,S Naseer ,M Farooq U Mohammad Mir and Ajaz ul Mumtaz Page-629
- Emission and Performance Analysis of Green Gas in a VCR Engine BY- M Saraswat ,A Dixit and R K Shukla Page-634

13. PC QUEST

Website: <http://www.PCquest.Com>.

Vol-33 No-10 pp.1-74

January-2020

Frequency: Monthly

Articles

- TECH STORY 2020 Page-10
- The Era of Digital Acceleration Page-13
- 9 Trends For 2020 Page-23
- Challenges And Opportunities In the New Year Page-26
- Subtle Shift Away From Services Page-29
- The Importance of Intelligent Transformation Page-31
- Finally Moving Out of Silos Page-33
- Migration of Workloads A Major Concern Page-35
- Planning For Hybrid IT Page-37
- Security In A Grey –Out –Ready For The Next Cloud Outage Page-39
- When Even The Brick Became Smart Page-42
- The Role of Blockchain Big Data And IoT In The FinTech Sector Page-44
- AR-VR Can Be The Healthcare Game Changer Page-47
- The 6 Essential Rules of Being A Business Disruptor Page-50
- How Is AI Regenerating The Consumer Electronics Industry Page-53
- 2 Keys To Making AI More Human –Centered Page- 56
- AI-ML Transforming IT Support Toj “ SMART IT Support”Page-60
- The Science Behind Successful Customer Experience Page-63

- Personalized Experience Through Intelligent Digital Workspace Page-65
- Re- imagining Business Through AI-RPA Page-68
- HP Neverstop Laser MFP 1200A Review Page-71
- Barco Wepresent WIPG-1600W Page-72
- Hotstar India Watch Report 2019 Page-73
- Western Digital Introduces 14TB Enterprise Class SATA HDDPage-74

13.1 PC QUEST

Website: <http://www.PCquest.Com>.

Vol-33 No-02 pp.1-74

February-2020

Frequency: Monthly

Articles

- Will Reliance jio Create Another Disruption In Connected Cars Page-12
- Data And Connectivity Take The Wheel Page-14
- Solving India,s Connected vehicle Conundrum Page-16
- Future of The Indian Electric vehicle Page-18
- Smart Traffice Management Page-20
- A Digital Budget For A Digital India Page-22
- Industrial Robots : Don't overlook The Risks Page-24
- Future of VR: Potential to Redefine Reality Page-28
- Role of Blockchain In Trade Finance Page-30
- Why Is The Future of Computing on The Edge Page-32
- Video Games Can Improve Brain Fuction Page-34
- Making Learning Easier With Gamification Page-37
- 5G Could Revolutionize Smart Buildings Page-40
- New –Age Firms Accelerating Cloud Adoption Page-41
- Cloud –The Baker's Dozen For MyTeam11 Page-44
- Overcome AI Paralysis 5 Ways To derive Business Value Page-47
- 4.0 Is The Convergence of All Tech Superpowers Page-49
- Data Constantly ,Difficult To understand its Path Page-52
- Insur Tech Is The Way Forward Page-55
- Techs That Are Transforming Fashion Retail Page-57
- Digital Transformation Opportunities And Challenges Page-62
- Technology Helping Online Gard Games In India Page-64
- Creating The Warehouse of The Future Page-66
- Zebronics ZEB-ENVY Review Page-69
- Phillips Smart Wi-Fi LED Bulb Review Page-70

- Zendesk Launches Sell Marketplace Page-72
- Sophos Introduces Intercept x for mobile Page-73
- Barco Launches clickshare conference Page-74

14. Medicinal & Aromatic Plants Abstracts

Website: www.iupindia.in

Vol. 41 No.1 PP-1-240

February-2019

ISSN-02504367

Frequency-Bi-Monthly

Articles

- Agronomy Page-5
- Botany Page-6
- Breeding & Genetics Page-14
- Diseases & pests Page-18
- Physiology & Biochemistry Page-22
- Pharmacognosy Page-37
- Clinical Studies Page-43
- Pharmacology & Toxicology Page-49
- Antimicrobial Activity Page-129
- Insecticidal & Pesticidal Activity Page-140
- Phytochemistry Page-142
- Chemotaxonomy Page-166
- Ethnomedicine Page-167
- Analytical Processing Techniques Page-171
- Miscellaneous Page-186
- New Publications Page-207
- Patents Page-208
- Forthcoming Conferences/Seminars /Meetings Page-210
- List of Serials Page-211

14.1 Medicinal & Aromatic Plants Abstracts

Website : mapa@niscair.res.in

Vol. 41 No.2 PP-241-476

April-2019

ISSN-02504367

Frequency-Bi-Monthly

Articles

- Agronomy Page-245
- Botany (General & Systematic) Page-245
- Breeding & Genetics Page-246
- Diseases & pests Page-247

- Physiology & Biochemistry Page-248
- Pharmacognosy Page-261
- Clinical Studies Page-265
- Pharmacology & Toxicology Page-273
- Antimicrobial Activity Page-354
- Insecticidal & pesticidal Activity Page-360
- Phytochemistry Page-362
- Chemotaxonomy Page-398
- Ethnomedicine page-400
- Analytical & Processing Techniques Page-404
- Miscellaneous Page-421
- New Publications Page-440
- Patents Page-441
- Marketing and Trade Page-442
- Forthcoming / Conferences /Seminars / Meetings Page-444

14.2 Medicinal & Aromatic Plants Abstracts

Website: mapa@niscair.res.in

Vol. 41 No.3 PP-477-680

June-2019

ISSN-02504367

Frequency-Bi-Monthly

Articles

- Agronomy Page-481
- Botany (General & Systematic) Page-482
- Breeding & Genetics Page-484
- Diseases & Pests Page-485
- Physiology & Biochemistry Page-488
- Pharmacognosy Page-497
- Clinical Studies Page-501
- Pharmacology & Toxicology Page-507
- Antimicrobial Activity Page-567
- Insecticidal & pesticidal Activity page-577
- Phytochemistry Page-578
- Chemotaxonomy Page-620
- Ethnomedicine Page-621
- Analytical & Processing Techniques Page-622
- Miscellaneous page-637
- Patents Page-646

14.3 Medicinal & Aromatic Plants Abstracts

Website: mapa@niscair.res.in

Vol. 41 No.4 PP-681-880

August-2019

ISSN-02504367

Frequency-Bi-Monthly

Articles

- Agronomy Page-685
- Botany Page-686
- Breeding & Genetics page-695
- Diseases & Pests Page-697
- Physiology & Biochemistry Page-698
- Pharmacognosy Page-703
- Clinical Studies page-707
- Pharmacology & Toxicology Page-712
- Antimicrobial Activity Page-759
- Insecticidal & Pesticidal Activity Page-768
- Phytochemistry Page-770
- Chemotaxonomy Page-810
- Ethnomedicine Page-811
- Analytical & Processing Techniques Page-814
- Miscellaneous Page-826
- New Publications 845
- Marketing Conferences Page-850

14.4 Medicinal & Aromatic Plants Abstracts

Website: mapa@niscair.res.in

Vol. 41 No.5 PP-881-1104

October-2019

ISSN-02504367

Frequency-Bi-Monthly

Articles

- Agronomy Page-885
- Botany Page-886
- Breeding & Genetics page-888
- Diseases & Pests Page-888
- Physiology & Biochemistry Page-890
- Pharmacognosy Page-898
- Clinical Studies page-905
- Pharmacology & Toxicology Page-911
- Antimicrobial Activity Page-988
- Insecticidal & Pesticidal Activity Page-988

- Phytochemistry Page-995
- Chemotaxonomy Page-1034
- Ethnomedicine Page-1035
- Analytical & Processing Techniques Page-1038
- Miscellaneous Page-1049
- New Publications Page-1069
- Marketing and Trade Page-1074

14.5 Medicinal & Aromatic Plants Abstracts

Website: mapa@niscair.res.in

Vol. 41 No.6 PP-1105-1370

December-2019

ISSN-02504367

Frequency-Bi-Monthly

Articles

- Agronomy Page-1109
- Botany Page-1110
- Breeding & Genetics page-1118
- Diseases & Pests Page-1118
- Physiology & Biochemistry Page-1119
- Pharmacognosy Page-1130
- Clinical Studies page-1134
- Pharmacology & Toxicology Page-1141
- Antimicrobial Activity Page-1253
- Insecticidal & Pesticidal Activity Page-1267
- Phytochemistry Page-1269
- Chemotaxonomy Page-1289
- Ethnomedicine Page-1290
- Analytical & Processing Techniques Page-1298
- Miscellaneous Page-1313
- New Publications Page-1313
- Patents Page-1337
- Marketing and Trade Page-1340

14.6 Medicinal & Aromatic Plants Abstracts

Website: mapa@niscair.res.in

Vol. 42 No.1 PP-1-262

February-2020

ISSN-02504367

Frequency-Bi-Monthly

Articles

- Agronomy page-05
- Botany Page-05
- Breeding & Genetics Page-10
- Diseases & Pests Page-10
- Physiology & biochemistry Page-11
- Pharmacognosy Page-13
- Clinical Studies Page-19
- Pharmacology & Toxicology Page-25
- Antimicrobial Activity Page-159
- Insecticidal & Pesticidal Activity Page-171
- Phytochemistry Page-173
- Chemotaxonomy Page-186
- Ethnomedicine Page-187
- Analytical & Processing Techniques Page-194
- Miscellaneous Page-202
- Patents Page-232
- Forthcoming Conferences Page-235

15. The IUP Journal of Computer Sciences

Website: www.iupindia.in

Vol. XIII No.4 PP-1-78

January-2020

ISSN-9770973-990004

Frequency-Quarterly

Articles

- A Contemporary view of Human System Integration in System Development BY- Adejoro Cornelius Onimisi and Ogwueleka Fransica Nonyelum Page-7
- Feature Extraction and Dimensionality Reduction Techniques with Their Advantages and Disadvantages for EEG –Based BCI System A Review BY- Abhilasha Nakra and Manoj duhan Page-21
- Extracting High Utility Itemset with Positive and Negative Utilities Using High Utility Itemset Mining Algorithm BY- N Umadevi and Uthra Page-35
- Predictive Modeling for Student Performance Analytics Through Data Mining Techniques BY-Gadisa Nemomsa ,Durga Prasad Sharma and Addisu Mulugeta Page-45

Suggestions/ feedback

Name: _____

Department: _____

Sign: _____

For more details contact Librarian...

Library@vivacollege.org