CAS Bulletin

Science section

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Content

Library Usage Statistics

MONTH	HOME ISSUE	INTERNET	WALK-IN
November 2016	3570	392	13957
December 2016	2465	988	14005
January 2017	4127	1226	21778
February 2017	4152	1268	24045
March 2017	2222	793	21782
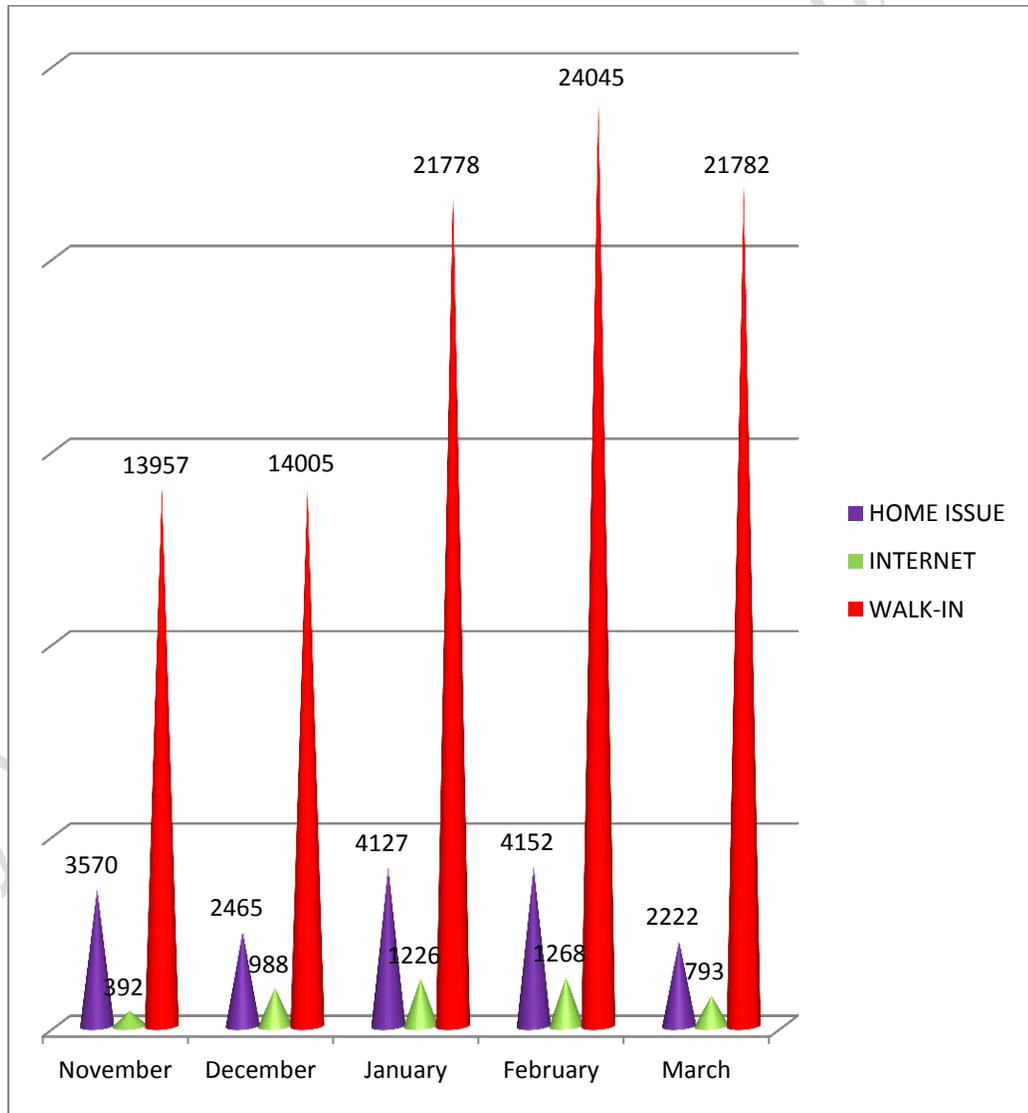
Event

"Marathi Rajbhasha Din"

The VIVA Library organized a "Theme Based Book Exhibition" from 27th February to 1st March, 2017 to commemorate the Birth anniversaries of Kusumagraja – Shree V. W. Shirawadkar (27th February) and Chatrapati Shivaji Maharaj (19th February).

27th February has been declared and celebrated as "Marathi Rajbhasha Din" on this occasion various books on Chatrapati Shivaji Maharaj and books by Kusumagraja – Shree V. W. Shirawadkar were displayed and promoted by the Library to create awareness about Marathi Language and its rich Heritage. During the inauguration, library organized the recitation of poems by Kusumagraja & Powada of Chatrapati Shivaji Maharaj.

A large number of students, faculty and other staff members visited the Book Exhibition and appreciated the initiative and efforts of Library staff for showcasing the rich collection of Books.

"Handwriting Competition"

On 23rd Feb 2017 a hand writing competition was organized by the library for Students, Teaching staff, and Non-teaching staff. In this event a large number (172) of students and faculty members participated enthusiastically. Out of these participants 3 best handwritings were selected in each category i.e. Students, Teaching staff, and Non-teaching staff. The winners were felicitated on 27th Feb. 2017 on the occasion of "Marathi Rajbhasha Din"

Winners of Handwriting Competition:

Students:	Teaching staff:	Non-Teaching staff:
1st Manali Amre,	1st Ms. Deepa Dalvi,	1st Ms. Pankaja Murudkar,
2nd Meghana Musale,	2nd Ms. Glorita Parera,	2nd Ms. Yogita Vaze,
3rd Neeta Patil, &	3rd Ms. Gauri Vartak.	3rd Ms. Chandani Patil.
Sonali Deshmukh.		

"Reader of the year"

VIVA Library started another best practice "Reader of the year" to encourage and motivate library users. The main objective is to develop grate enthusiasm among readers for reading and use of library. The readers who have been using library consistently and regularly for last 1 year are recorded and analyzed from the library records to select top 3 readers of the year.

The following users were selected as "Reader of the Year" in different category.

Students:

1st Arun Yendre,

2nd Pavan Bholane,

3rd Pooja Mohite, &

Purushottam Vaidya.

Teachers:

1st Ms. Harashavardhini Borwankar,

2nd Ms. Kavita Patil,

3rd Ms. Veronica Barla.

Non-Teaching:

1st Ms. Yogita Patil,

2nd Mr. Nandakumar Takkar,

3rd Vaishali Raut.

New Arrival Books

BIOTECH

ACC.NO.	AUTHOR	TITLE	CALL. NO.
BI1257	FRYXELL, GLEN E. / CAO, GUOZHONG	ENVIRONMENTAL APPLICATIONS OF NANOMATERIALS : SYNTHESIS, SORBENTS AND SENSOR'S	620.333/FRY
BI1258	HARTL, DANIEL L. / RUVOLO, MARYELLEN	GENETICS : ANALYSIS OF GENES AND GENOMES	572.86/HAR
BI1259	STARR, CECIE / TAGGART, RALPH / EVERS, CHRISTINE A	CELL BIOLOGY AND GENETICS	571.6/STA
BI1260	PRIMROSE, S. B. / TWYMAN, R. M.	PRINCIPLES OF GENE MANIPULATION AND GENOMICS	660.65/PRI
BI1261	MOUNT, DAVID W.	BIOINFORMATICS : SEQUENCE AND GENOME ANALYSIS	572.8/MOU
BI1262	COOPER, GEOFFREY M. / HAUSMAN, ROBERT E.	THE CELL : A MOLECULAR APPROACH	571.6/COO
BI1263	LEWIN, BENJAMIN	GENES IX	576.5/LEW

BOTANY

ACC.NO.	AUTHOR	TITLE	CALL. NO.
BI1264	EVERT, RAY F.	ESAU'S PLANT ANATOMY	571.32/EVE
BI1265	RASTOGI, VEER BALA	PRINCIPLES OF MOLECULAR BIOLOGY	572.8/RAS

CS AND IT

ACC.NO.	AUTHOR	TITLE	CALL. NO.
BIT4927	LE HETLAND, MAGNUS	BEGINNING PYTHON : FROM NOVICE TO PROFESSIONAL	597.9678/HET
BIT4928	BALAGURUSAMY, E.	NUMERICAL METHODS	001.422/BAL
BIT4929	RODDY, DENNIS	SATELLITE COMMUNICATIONS	384.51/ROD
BIT4930	RIMATHI, H. / SRIRAM, H. / KRISHNAMOORTHY, A.	OBJECT ORIENTED ANALYSIS AND DESIGN USING UML	005.117/SRI
BIT4931	FOSTER, L. S. / FOSTER, W. D.	C BY DISCOVERY	01.643/FOS
BIT4932	WALLACE, NATHAN	COM / DCOM PROGRAMMING HANDBOOK	005.1/WAL
BIT4933	KOLMAN, BERNARD / BUSBY, ROBERT C. / ROSS, SHARON CUTLER	DISCRETE MATHEMATICAL STRUCTURES	510/KOL
BIT4934	LIU, C. L.	ELEMENTS OF DISCRETE MATHEMATICS	511/LIU
BIT4936	SHARMA, RAM DEV	OBJECTIVE ARITHMATIC : OBJECTIVE & SUBJECTIVE ARITHMETIC FOR ALL COMPETITIVE EXAMINATIONS	513/SHA
BIT4938	FLOYD, THOMAS L.	DIGITAL FUNDAMENTALS	621.01/FLO
BIT4939	KELKAR, S. A.	SOFTWARE PROJECT MANAGEMENT : A CONCISE STUDY	658.404/KEL
BIT4940	CONWAY, KIERON	SOFTWARE PROJECT MANAGEMENT : FROM CONCEPT TO DEPLOYMENT	658.404/CON
BIT4941	BAYROSS, IVAN	WEB ENABLED COMMERCIAL APPLICATIONS DEVELOPMENT USING HTML, DHTML, JAVASCRIPT, PERL CGI	006.74/BAY
BIT4942	THORPE, EDGAR	COURSE IN MENTAL ABILITY AND	370.15/THO

		QUANTITATIVE APTITUDE : FOR COMPETITIVE EXAMINATIONS	
BIT4943	KENNEDY, GEORGE / DAVIS, BERNARD / PRASANNA, S. R. M.	KENNEDY'S ELECTRONIC COMMUNICATION SYSTEMS	621.38/KEN
BIT4944	COMER, DOUGLAS E. / STEVENS, DAVID L.	INTERNETWORKING WITH TCP/IP VOLUME III : CLIENT-SERVER PROGRAMMING AND APPLICATIONS	004.62/COM
BIT4946	BRADLEY, JULIA CASE / MILLSPAUGH, ANITA C.	PROGRAMMING IN VISUAL BASIC 6.0	001.55/BRA
BIT4947	NILSSON, NILS J.	ARTIFICIAL INTELLIGENCE : A NEW SYNTHESIS	006.3/NIL
BIT4948	BEHFOROOZ, ALI / HUDSON, FREDERICK J.	SOFTWARE ENGINEERING FUNDAMENTALS	005.1/BEH
BIT4949	RAJARAMAN, V.	FUNDAMENTALS OF COMPUTERS	621.381952/RAJ
BIT4950			
BIT4951	KANETKAR, YASHAVANT	LET US C++	001.644/KAN
BIT4952	KANETKAR, YASHAVANT	LET US C	001.644/KAN
BIT4953	APTECH LIMITED	OBJECT ORIENTED PROGRAMMING WITH C++	005.115/APT
BIT4954	TANENBAUM, ANDREW S. / VAN STEEN, MAARTEN	DISTRIBUTED SYSTEMS : PRINCIPLES AND PARADIGMS	004.36/TAN
BIT4955	GRAFF, JAMES R. / WEINBERG, PAUL N.	SQL : THE COMPLETE REFERENCE	001.6/GRO
BIT4956	MANJUNATH, T. C.	FAST TRACK TO ROBOTICS	629.892/MAN
BIT4957	BALAGURUSAMY, E.	PROGRAMMING IN C#	001.64/BAL
BIT4958	BRADLEY, JULIA CASE / MILLSPAUGH, ANITA C.	PROGRAMMING IN VISUAL BASIC 6.0	001.55/BRA
BIT4959	SCHILDT, HERBERT	JAVA 2 : THE COMPLETE REFERENCE	621.381952/SCH

M.Sc CS AND IT

ACC.NO.	AUTHOR	TITLE	CALL. NO.
MCI786	KUROSE, JAMES F. /ROSS KEITH W.	COMPUTER NETWORKING A TOP DOWN APPROACH	004.3/KUR
MCI787	KHEMANI, DEEPAK	FIRST COURSE IN ARTIFICIAL INTELLIGENCE	006.3/KHE
MCI788	CORDEIRO, C. / AGRAWAL, D.	AD HOC AND SENSOR NETWORKS : THEORY AND APPLICATIONS	621.38212/COR
MCI789	GOLD, BEN / MORGAN, NELSON	SPEECH AND AUDIO SIGNAL PROCESSING : PROCESSING AND PERCEPTION OF SPEECH AND MUSIC	621.3822/GOL
MCI790	GORDON, GEOFFREY	SYSTEM SIMULATION	003/GOR
MCI791	RABINER, LAWRENCE / GOLD, BERNARD	THEORY AND APPLICATION OF DIGITAL SIGNAL PROCESSING	621.367/RAB
MCI792	RUSSELL, STUART / NORVIG, PETER	ARTIFICIAL INTELLIGENCE : A MODERN APPROACH	006.3/RUS
MCI793	SCHILLER, JOCHEN	MOBILE COMMUNICATION	

List of Journals

Sr.No.	Title	Frequency
1	CSIR News	Fortnightly
2	Indian Journal of Experimental Biology	Monthly
3	Indian Journal of Chemistry Section A	Monthly
4	Indian Journal of Chemistry Section B	Monthly
5	Indian Journal of Pure & Applied Physics	Monthly
6	Journal of Scientific and Industrial Research	Monthly
7	Indian Journal of Biotechnology	Quarterly
8	Hornbill	Quarterly
9	Data Quest	Fortnightly
10	Developer IQ	Monthly
11	Digit	Monthly
12	Electronics For You	Monthly
13	Open Source	Monthly
14	PC Quest	Monthly

Contents of Journal

1   CSIR News: Newsletter of the Council of Scientific &Industrial Research

Articles

Structural Behavior of Reinforced Geopoly- mer Concrete :CSIR-CBRI

Human Liver Cells Fight Stress By Shedding off Regulatory RNAs: CSIR- IICB

2 Indian Journal of Experimental Biology

Articles

- Trans -4,4-Dihydroxystilbene (DHS) Protects PC 12 cells from oxidative damage but induces reactive oxygen species –mediated apoptosis in SHSY -5Y cell line BY- B Saha, M Subramanian , p Gupta , BS Patro , J Ray , SK bandyopadhyay & S Chattopadhyay .Page No-719

- Effect of Tocotrienol on medium dose ethanol –induced alternations in serum superoxide and peroxide handling capacities (SPHC) in rat By- Pitchaiah Dasari & Prasunpriya Nayak * Page No-729

- Grape extract protects against ionizing radiation –induced membrane alterations in Red Blood Cells BY-Indrani Singha & Subir Kumar Das Page No-735

- Black tea extract Protects against y- radiation –induced membrane damage of human erythrocytes BY- Arghya Modak , Arka Chakraborty & Subir Kumar Das Page No-745

- Antifilarial actions of green tea extract and a synthetic heterocyclic thiazolidine derivative Im8 compound in experimental mouse model By- Sneha Hande , Kalyan Goswami, Namdev Togre, Amisha Mandvikar & Maryada Venkata Rami Reddy *Page No-753

- Comparative evaluation of extract of Bacopa monnieri and Mucuna Pruriens as neuroprotectant in MPTP model of Parkinson ,s disease BY-Babita Singh , Shivani Pandey , Rajesh Verma , Jamal Akhtar Ansari & Abbas Ali Mahdi* Page No-758

- Anticancer and Antioxidant activity of Zingiber officinale Roscoe rhizome BY- Jamal Akhhtar Ansari , Mohammad Kaleeem Ahmad ,Abdul Rahman Khan Nishat Fatima homa Jilani Khan namrata Rastigi , Durga Prasad Mishra & Abbas Ali Mahdi*Page No-767

- Identification of Anticancer and Antioxidant phytoconstituents from chloroform fraction of BY- Solanum nigrum L. berries using Gc-MS/MS analysis Homa Jilani Khan , Mohammad Kaleem ahmad Ahmad Abdul Rahman Khan , Namrata Rastogi, Abbas Ali Mahdi , Jamal Akhtar Ansari Nishat Fatima & GNV Satyanarayan .Page No-774

- Assocciaton of GSTTI and GSTMI Polymorphisms in South Indian Epilepsy Patients BY- Turaga Surya Prabha, Konda Kumaraswami & Vijay Kumar Kutala * Page No783
- Osteocalcin HindIII gene Polymorphism not associated with bone mineral density –A study in North Indian Postmenopausal osteoporotic women BY-IsrarAhmad ,Tabrez Jafar, Farzana

2.1 Indian Journal of Experimental Biology

Website: http://www.niscair.res.in; http//nopr.niscair.res.in ISSN: 00195189

Vol-,55 No. 1   pp.1-56   JANUARY -, 2017.   Frequency:Monthly

Articles

- Russell's viper venom induced neohrotoxicity , myotoxicity, and hepatotoxicity; Neutralization with gold nanoparticle conjugated 2 –hydroxy benzoic acid (GNp -HMBA) in vivo BY- Kalyani saha & Antony Gomes Page No -7

- Recurrent chromosomal translocations Is proximity a rule BY- Fulesh Kunwar, Kiran Tandel & Sonal R Bakshi *Page No-15

- Effect of Tinospora cordifolia (Guduchi) on the phagocytic and pinocytic activity of murine macrophages in vitro BY- Priti More & Kalpana Pai * Page No-21

- Neuroparmacological investigations on Actaea acuminate Wall ex Royle Roots BY- Dipak Biswas, Deepak Kumar & Suresh Kumar *Page No-27

- Characterization of phytotoxin producing Alternaria Species isolated from sesame leaves and thir toxicity ?BY- MK Naik , Chennnappa G, Amaresh YS , Sudha S, Chowdappa P & Suresh patil .Page No-36

- Effect of discrete (individual) and Mixed (bulk) genomic DNA on genetic diversity estimates and Population structure in Teak (Teatona grandis L. f.) ?by-Naseer Mohammad, Shashank Mahesh, Yogesh Kumar Jain & SA Ansari Page No 44

2.2 Indian Journal of Experimental Biology

Website: http://www.niscair.res.in; http//nopr.niscair.res.in ISSN: 00195189

Vol-,55 No. 2   pp.57-126   FEBRUARY -, 2017. Frequency:Monthly

Articles

- Mitochondrial membrane-bound activity of arginase is independent of nitrogen excretion pattern in ureogenic and non –ureogenic vertebrates BY- Mishra Suman & Mishra Rajnikant *Page No-74

- Isolation ,proliferation characterization and in vivo osteogenic potential of bone –Marrrow derived mesenchymal stem cells (rBMSC) in rabbit model BY- Ninu AR ,Swapan Kumar Maiti, Shiva Kumar MU , Sandeep Kumar ,Sangeetha p, Deepika Kritaniya, saurabh Gupta, Abhisek Saxena & Naveen Kumar * Page No-79

- Anti-inflammatory activity of cyclo-oxyenase2 inhibitory anionic protein fraction from Lamellidens Marginalis BY-Mousumi Chakraborty , Sourav Bhattacharya, Madhura Bose, Saumya Kanti Sasmal ,Mradu Gupta & Roshara Mishra *Page No-88

- Topical Application of Salvia officinalis hydroethanolic leaf extract improves wound healing Process BY-Sirvan Karimzadeh & Mohammad Reza Farahpour .Page No-98

- Wounding activates a 47 kDa MAP kinase in Catharanthus roseus (L.) G. Don. Susheel Kumar Raina Page No 107

- In vitro screening of calli of mungbean to cercosporin, aphotoacatived toxin BY- Prabhar Kumar , Ramesh Chand , vineeta Singh & chhattar pal *Page No-113

2.3 Indian Journal of Experimental Biology

Articles

- Dietary ginger improvers glucose dysregulation in a long term high fructose fed Prediabetic rat model BY- Natarajan Saravanan , Madhoosudhan Ananth patil , puthcha Uday Kumar , Palla Suryyanarayana & Geereddy Bhanuprakash Reddy *Page No-142

- Antioxidant, photosynthesis and growth characteristics of plants grown in high sulphur coal mine overburden BY- Hari prasanna Deka Boruah * Page No-151

- Isolation of bacterial strains Possessing nitrogen – fixation , potassium- Solubilization and their inoculation effects on sugarcane BY- Ramachandran Muthukumarasamy,Gopalakrishan Revathi , Muthiayan Vadivelu & Kannan Arun *Page No-161

- In vitro Flowering in Bambusa bambos (L.) voss, an anatomical perspective BY- Rama Sisodid & I Usha Rao .Page No-171

- RAPd analysis of long term micropropagated rootstock plants of Apple Malling 7 BY-M Modgil , S Parmar & N Prabha Negi Page No -178

- Synergistic effect of silver nitrate and coconut water on shoot differentiation and Plant regeneration from cultured cotyledons of Capsicum annuum L. BY- JB Mythili, PR Rajeev, G Vinay & A Nayeem *Page No-184

3 Indian Journal of Chemistry : Section A - Inorganic, Bio-inorganic, Physical, Theoretical & Analytical

Articles

- Co(II) complex of 2- amino -6- methylbenzothiazole Synthesis structure and biological : evaluation BY- S Jone Kirubavathy , R Velmurugan , R Karvembu , N S P Bhuvanesh , I V M V Enoch, P Mosae Selvakumar & S Chitra ***Page -1297**

- Crystal structures and biological evaluation of Cu(II) complexes with 3- ethyl -2- acetylpyrazine N (4) isopropylthiosemicarbazone BY- Xiuqin Ma Taofeng Zhu,

weina wu, Pandong Mao , Lei Jia, ,Yuan wang , Zhen wang ying Hou Zhihong Cao, Hong chen Jing Xie, Xinnan Gu, Tieliang Ma ***Page- 1305**

- Interaction studies in binary liqid mixtures of ether and alcohols at different temperatures BY- Gyan praksh Dubey * Krishan Kumar * **Page 1314**

- Electrochemical impedance spectroscopy of homo and copolymer of aniline and 2,4-dinitrophenol in a binary electrolyte system BY- Ali Parsa Ebtesam Sobhani, Azadeh Shakeri & Farnoush Fridod ***Page -1325**

- Interaction of with some group II and III elements BY-lemi Turker***Page -1334**

- Synthesis structure spectral and theoretical studies of an organic decachlorotricadmate(II) BY- Melek Hajji & Taha Guerfel Page -1342

- Green synthesis of CuO/ MCM-41 nanocomposite by solid state reaction : Characterization and antibacterial activity BY- Monireh Ziksari & Afshin Pourahmad* **Page 1347**

3.1 Indian Journal of Chemistry : Section A - Inorganic,Bio-inorganic, Physical, Theoretical & Analytical

Articles

- DAN binding cytotoxicity and mitochondria – mediated cell apoptosis induction of a new zinc (II) complex of 5- chloro- 8- hydroxylquinoline BY- Hai –Rong Zhang , Ting meng, Qi-Pin Qin, Sheng –Ping Deng, Qian-Qian Cao, Hong- Hua Han, Ying- Bo Li, Yun –Liang Zhang, Yan- Cheng Liu, & Hong Liang Page – 1433

- Investigations on the binding behavior of competitive ions to a cationic micelle by H –Nmr studies By-Nzima Sultana Page – 1443

- Catalytic oxidation of cyclohexene by a-zirconium phosphate intercalated Mn (Salen) using 70% tert – bityl- hydroperoxide as an oxidant By- S Khare, R Chokhare , P Shrivastava , J S Kirar & S Parashar Page – 1449

- Determintion of the azo dye, sunset yellow, by using carbon paste electrode modified with molecularly imprinted polymer BY- Zhihua wang , Yijiang Shan, Xu, Guofan wu & Xiaoquan Lu,.Page – 1458

- Catalytic synthesis of benzimidazole derivatives over Modified forms of zirconia BY- T E Mohan Kumar , S Z Mohamed Shamshuddin, Venkatesh & S Reena Sarittha . Page – 1465

- Cloud point extraction with mixed micelles of TX- 114/DOSSand derivative spectrophotometry for simultaneous determination of Fe and Co using 2,2,6,2' terpyridine BY- K Ravi Kumar & P Shyamla . Page – 1471

3.2 Indian Journal of Chemistry : Section A - Inorganic,Bio-inorganic, Physical, Theoretical & Analytical

Articles

- DFT study for radical capture by mitochondria oxidotoxin protective ionic and non-ionic amphiphilic a pheny N –t-buty nitrone derivatives BY- Stapa Mandal & Nivedita Acharjee Page – 09

- Thermophysical , excess and transport Properties of organic solvents with imidazolium based ionic liquids BY-Akanksha Saini , Aditya Harshvardhan & Ranjan Dey Page – 21

- Nickel (II) complex based on bis-(1-(pyridine-2-yl –Methyl)-benzimidazol-2-yl-methy and its utilization in the oxidation of 2-amino-4-tert –butylphenol BY- Raghvi Khattar , Anjana Yadav, Kuldeep mahiya & pavan Mathur Page – 36

- Improved Photocataytic performance of (Zno/Tio2) CD on decolorization of brilliant green dye under UV light irradiation BY- P Velusamy & g Lakshmi Page – 43

- Synthesis and characterization of gadolinium tungstate doped zinc oxide photocatalyst BY- Kuppulingam Thirumalai, Manohar Shanthi & Meenakshisundaram Swaminathan . **Page – 50**

- A comparative study of the photocatalytic properties of CuS nanotubes and nanoparticles by hydrothermal method .BY- Xuyan You Xiaohong Geng , Xiue Liu, Yang Yu & Zhihong Jing Page – 57

- Nitrogen doped grapheme supported pt-pd nanoparticle modified Gc electrode for electrochemical setermintion of tramadol and paracetamol BY- Janakiraman Manokaran , Jonna Nareendranath Rethinasabapathy Muruganantham & Nateshan Balasubramanian *. Page -63

3.3 Indian Journal of Chemistry : Section A - Inorganic,Bio-inorganic, Physical, Theoretical & Analytical

Articles

- A rare case of 2D+1D 2D Cd (II) coordination polymer without any entanglements : Synthesis, structure and luminescent property BY-Meiling Cheng, Enjing Zhu, Yanpeng Zhang , Shen Wang , Qi Liu , Qun Chen ,& Mingyang He Page – 203

- Synthesis ,spectroscopic properties and theoreties and theoretical calculations on methylene bridged 1,8-naphthyridine ligands and copper (I) complex through a non catalyst c (so) H methylenation BY- Gao, -Zhang Gon , Bo Zhou , Xue –Bing Chen, xue- Quan Wang , Chao-Yong Mang, Wei liu Shao-Ming Chi Page – 211

- H- beta zeolita catalysed synthesis of N –benzylbenzamide from benzonitrile and benzyl alcohol BY- Kalpeshgiri A Gosai, Adarsh S Bhatt, Mihir R Belani, R S Somani & H C Bajaj Page – 220

- Hydrogenolysis of sorbitol over Ni, pt and Ru supported on SBA- 15 B- M Banu T M Sankaranarayanan, p Venuvanalingam G Magesh & S Sivasanker Page – 226

- Synthesis, DNA binding properties and antibacterial activity of lanthanide complexes with 2 – benzoylpyridine isonicotinoylhyydrazone BY- B Moksharagni M Rishitha & K Hussain Reddy . **Page – 232**

- Simultaneous determination of lead and copper by anodic stripping voltammetry using a Poly (L-glutamic acid) modified electrode BY-Ning Xie, Wei Ma Hui Gao & Dengming Sun Page – 238

4   Indian Journal of Chemistry: Section B-Organic including Medicinal

Article

- Synthesis of novel triazole functionalized pyridine derivatives as potential antimicrobial and anti-biofilm agents By- R Naresh Kumar, G mallaarddy ,P Nagender, P Sambasiva Rao, Y Poornachandra , P Ranjitreddy , C Ganesh Kumar & B Narsaiah* Page -1361

- Synthesis and antimicrobial activity of bisazolyisulfony amines BY- Butta Ragavendra ,Kuppireddy Gari Divya, Ddivireddy Padmaja & Venkatapuram Padmavathi* Page – 1376

- Feasibility and diastereoselectivity of acid –mediated three-component aza- Diels –Alder reactions: Preparation of diversely substituted hexahydro-2h-pyrano (3,2-c) quinolines BY-Patrcia Nino, Marta Caba, Nuria Aguilar, Emma Terricabras Fernando Albericio & Joan –Carles Fernandez Page -1384

- Theoretical and experimental studies of 1,3- dipolar cycloaddition reactions between trimethylsilylazide and citral BY- Sepehr Taban & A vat (Arman) Taherpour* Page -1400

- One-Pot Multi- component synthesis of 4-substied thiazole Schiff base *derivaves and their antibacterial activity BY—*Rajitha Deshineni, Ravibabu Velpula, Rajesh Ragi & Gyana Kumari Chellamella 231 Page-1415

- Synthesis of 4H- chromene -3,4 dicarboxylate derivatives via an isocyanide- based one –pot three component reaction BY- Akubathini Shashidhar Kumar , Vakiti Srinvas & Vedula Rajeshwar Rao * Page -1420

4.1 Indian Journal of Chemistry: Section B-Organic including Medicinal

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- Synthedis characterization and antituberculotic evaluation of conjugates of ciprofloxacin /moxifloxacin/ and fluorescent BY- H Surya Prakash Rao, Avinash Desai & A Veera Bhadra Rao   Page -87

- Synthesis anti-microbial activity and docking studies of 3-(2-(phenylamino) thiazol -4-yl) - 2H- chromen -2 ones and ethyl 2-(2-(phenylamino) thiazol-4-yl) acetates BY-Srikrishna Devulapally , Mallika Alvala & Pramod Kumar Dubey Page - 96

- Synthesis and study of spectroscopic behavior of cyclohexanone based bis- chalcones BY- Krupa n Patel ,Priyal G Pandya , Arrun L Patel & Ashutosh V Bedekar Page -106

- Synthesis and antischistosomal activity of new furoxan derivatives of Praziquantel BY- Singam Naveen Kumar, Partha Saathi Sadhu, Kirti Kumari Sharma , livia Pica –Mattoccia, Annalisa Basso, Donata Cioli & Vaidya Jayathirtha Rao * Page -112

- Installation of biologically active pyrimidine moiety into pyridopyrimdine framework and evaluation of their antibacterial activities BY- Poulomi Majumdar , Smaranika Pattnaik , Debashrita Dash, Prajna Parimita Mohanta & Ajaya Kumar Behera Page-120

- Synthesis spectral characterization electron microscopic study and thermogravimetric analysis of phosphorus containing dendrimer with 4 chloro Phenylboronic acid at the core BY- E Dadapeer G Syam Prasad & C Naga Raju * **Page -127**

4.2 Indian Journal of Chemistry: Section B-Organic including Medicinal

Article

- Structural studies on nitroimidazooxazoles with antitubercular and antileishmanial activities BY- Shashiprabha ,Kuppuswamy Nagarajan , Sundarraja Rao K, Shridhara K, Sures P Nayak , Sajesh P Thomas Guru Rao T n , Koteppa Pari & Sandesh Jithendranath Page -145

- Reactivity of some pyrazole -3 carboxylic acid dervaties towards Grignard reagent BY- Elif Korkusuz & lamail Yildirm Page - 152

- Clean and one pot syntheais of 3,4-dihydrpyrimidin-2(1H)-ones/ thione derivatives using maleic acid as an efficient and environmentally benign natural difunctional Bronsted acid catalyst under solvent free conditions BY- Malek Taher Maghsoodlou Reza Heydari , Mojtaba Lashkari & Farzanth Mohamadpour Page -160

- Synthesis and characterization of RS-4- amino 3-4-chloropheny butyric acid Baclofen impurity A as per Indian Pharmacopoeia BY-Utpal Nandi Shweta Trikha Aparna Wadhwa Anuj Prakhsh , Robin Kumar Puran L Sahu & G N Singh* Page -165

- Synthesis of 9-aryl 6-(4-trifluoromethylphenyl) 1,2,4-triazolo (4-3-a) (1,8) naphthyridines using cu (OAC)2 under microwave irradiation and their antibacterial activity BY- K mogilaiah , K Shiva Kumar K Shiva Kumar , A Nageswara Rao & H Ramesh Babu Page-171
- Synthesis characterization and antibacterial activity of (E) -4-(3-Methyl-4(Methylsulfony) Pyridin 2-yl –methoxy N (Substitutedbenzylidene) benzohydrazide derivatives BY- Swamy Saidugari , Lakshmana Rao Vidya K Ram B & Balram B * Page -177

   Synthesis characterization and antimicrobial activity of some 2,4,dibromo 1,5 dimorpholino dipipperdino –pentane -3 –ones BY- Rahul Joshi, Jaimala Sharma , anita & R T Pardasani Page-183

- Dependence of biological activities of some chalcone derivatives from the molecular structure BY-IG Mamedov , Y V Mamedova V n Khrustaev, M B Bayramov & A M Maharramov **Page -192**

5 Indian Journal of Pure & Applied Physics

Articles

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