

**Rayat Shikshan Sanstha's**  
**Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli)**  
First International Web-Conference on  
"Advances in Materials Science and Applied Biology (ICAMSAB-2022)"

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28 /01/2022

## **BRIEF REPORT**

Department of Chemistry, Physics and Zoology in collaboration with internal quality assurance cell (IQAC) of Dr. Patangrao Kadam Mahavidyalaya, Ramanandnagar (Burli) successfully organized a two day First International Web-Conference on "Advances in Materials Science and Applied Biology (ICAMSAB-2022)" The conference was conducted on 27<sup>th</sup> and 28<sup>th</sup> January 2022.

**Day one** started with Inauguration function in auspicious presence of Hon. Principal Dr. L. D. Kadam. AS floral tribute was offered to Statue of Padbhushan Karmveer Dr. Bhaurao Patil. The Souvenir was published during inauguration function.

**In First session**, Organizing secretary Prof.(Dr). P. B. Piste highlighted the importance of conference in her inaugural speech. Convener of the conference Mr. A.B. Mane delivered introductory speech and introduced Pro- Vice Chancellor Prof.(Dr) P.S. Patil. Prof.(Dr) P.S. Patil in Inaugral Speech narrated the journey of elements from unknown to known. He explained how elements were discovered and how they now play a vital role in advancement of physics and betterment of society. He also highlighted the urge to find newer, reliable and sustainable elements for sustainable progress of scientific community. Key note address was delivered by Prof. (Dr) Abdel Rehman Al-Tawaha (Full Professor In Plant Science, Al-Husain Bin Talal University, Jordan). Honorable Principal Dr.L.D.Kadam delivered presidential speech. The vote of thanks was offered by Coordinator of Conference Dr. G. R. Patil.

**The second session** Commenced with introduction of resource person Dr. Jaideep Bharate by Mr. V.R. Bhosale, Assistant Professor in Chemistry. Resource person of Second session Dr. Jaideep Bharate( Senior Research Engineer, Umea University Sweden) guided about "Drug Discovery on Kinase inhibitors and Alzheimers Disease". Vote of thanks of First session was offered by IQAC Co-ordinator Mr. Umesh Shelke.

**In third session**, Ms. N. J. Kamble introduced resource person Dr. P. Anushkaran( Division of Biotechnology, South Korea). He explained various aspects of topic of his plenary talk "Ti-ZnFe<sub>2</sub>O<sub>4</sub>/SiO<sub>2</sub>/CoPi hierarchical nanocorallarrays for efficient photo electrochemical water splitting: Effect of in-situ Ti doping and SiO<sub>2</sub>hole transport channel". The vote of thanks was offered by Mr. Dinesh Sasane, Assistant Professor in Chemistry.

**Poster presentation session** was organized right after the plenary talk's session. A total 13 posters were presented in total during the session. The session was examined by Dr. Sambhaji Shinde

(Research Professor, Department Of Materials Science And Chemical Engineering, Hanyang University, Seoul, Republic Of Korea) and Dr. D. Aravind prasanth (Assistant Professor, Department Of Microbiology , Periyar University, Salem)

Day Two of the conference commenced with Oral presentations. A total 21 oral presentations were delivered by researchers in the session. The session was examined by Dr. Sarfraj Mujawar, Assistant Professor in physics working at Y. C College Satara and Dr. D. Aravind prasanth (Assistant Professor, Department Of Microbiology, Periyar University, and Salem).

The first session on plenary talk was commenced right after oral presentations. Mr. Dhanesh Gawari, Assistant Professor in Chemistry, introduced the resource person Dr. Dong Hyung Kim (Department of Materials Science and Chemical Engineering, Hanyang University, Seoul, Republic of South Korea). Dr. Kim delivered plenary talk on the topic "Advanced High Energy and Rechargeable Zinc- Air Batteries". The vote of thanks was offered by Mr. Yuvraj Sable, Assistant Professor in Chemistry.

Ms. Priyanka Ghorpade Assistant Professor in Chemistry introduced resource person of next session, Prof.(Dr) Ercan Bursal (MuşAlparslan University, Faculty of Health, Muş, Turkey) . Pro(Dr) Bursal delivered plenary talk on "Propolis Samples From Different Regions Of Turkey; Antioxidant Activity And Bioactive Compound Analyses". Miss. Priyanka Ghodake, Assistant Professor in Chemistry, expressed vote of thanks.

Ms. Varsha Nalawde, Assistant Professor in Chemistry introduced resource person of Second session Dr, Yogesh Gangarde (Post Doctoral research scholar , Oregon State University Department of Biochemistry and Biophysics, Corvallis). Dr. Yogesh Gangarde delivered plenary talk on the topic "Synthesis and Evaluation of Functionalized Acrylamide Scaffolds for Improved Drug Delivery and Protein Aggregation Inhibition". The vote of thanks for the session was expressed by Ms. Prajakta Patil Assistant Professor in Chemistry.

Valedictory function was organized after plenary talks session where Mr. Abhijeet Mane Convener of the conference Introduced chief guest of the function Dr. A.S. Jagnure, Head Department of Chemistry, K.I.E.F.S.G.I Bagewadi, Nipani) and also announced **Three best oral** and **Three best poster** selected by examiners during oral and poster presentations. The valedictory speech was expressed by Dr. A.S. Jagnure. Ms. Sneha Wagh, Head, Department of Botany expressed vote of thanks. The conference was compeered by Dr. Ashwini Tatugade (Assistant Professor in English) and Ms. Priyanka Ghorpade( Assistant Professor in Chemistry).

The results of oral and poster presentations are as follows

**POSTER PRESENTATION RESULTS:**

Sr. No	Title of the abstract	Author	Marks
PP 2	pH Varied Molybdenum Disulfide Nanosheets for Super capacitor Application	K. B. Pisal, B. M. Babar, S. H. Mujawar, S. S. Mali, S. D. Sartale, L. D. Kadam	1st rank



PP 1	Hydrothermal Synthesis Of Vanadium Pentoxide For NO <sub>2</sub> Gas Sensing	B. M. Babar, K. B. Pisal, S. H. Mujawar, V. L. Patil, U. T. Pawar, P. M. Kadam, L. D. Kadam, P. S. Patil	2 <sup>nd</sup> rank
PP 4	Synthesis and Characterization of Nickel Cobalt Layered Double Hydroxide (NiCo-LDH) for Water Splitting Application.	P. S. Yadav, N. S. Yadav, S. D. Jituri, and S.H. Mujawar	2 <sup>nd</sup> rank
PP 6	Green Synthesis Of Silver Nanoparticle By Using Aloe Vera Extract	Swati Sapkal, Anamika Shelar, S.G. Kolhe	3 <sup>rd</sup> rank
PP 8	Preparation of MoO <sub>3</sub> Film by Spray Pyrolysis Method and its Characterization	Vishakha Khot, Aishwarya Kanase, A. P. Torane, S. H. Mujawar, P. K. Pagare	3 <sup>rd</sup> rank

### ORAL PRESENTATION RESULTS

Sr. No	Title of the Oral Presentation	Authors	Rank
OP 3	Nano In <sub>2</sub> O <sub>3</sub> -SiO <sub>2</sub> catalyst utilized for one pot three component synthesis of 1H-pyrazolo[1,2-b]phthalazine-dione	Deepak T. Tayde, Machhindra K. Lande	1 <sup>st</sup> rank
OP 13	Morphological Changes In Chick Embryo Neural Tissue Associated With Warfarin Use During Prenatal Development	Sanjay K. Gaikwad, Rajendra V. salunkhe, Vishnu Y. Kadam & Amanpreet Bhoee	2 <sup>nd</sup> rank
OP 16	Modulatory Effect Of Curcumin Nanoparticles On Islets Of Langerhans Of Alloxan Induced Diabetic Mice	Nitin D. Potphode, Namrata A. Jadhav, Sneha S. Desai, Parashuram B. Teli and Madhuri V. Walvekar	3 <sup>rd</sup> rank

**Total Beneficiary:** 233

**Outcomes :-**

1. Various emerging trends in Materials Science and applied biology were discussed.
2. A stage was provided to emerging research scholars to represent their work through oral and poster presentations.



Floral Tribute to Hon. Karmveer Bhaurao Patil



**Floral Tribute to Hon. Karmveer Bhaurao Patil**



**Introductory & Welcome Speech by Mr. A.B. Mane**



**Inaugural speech by Organising secretary Prof.(Dr). P. B. Piste**



**Inaugural speech by Pro- Vice Chancellor Prof.(Dr.) P.S. Patil**



**Key note address was delivered by Prof. (Dr) Abdel Rehman Al-Tawaha (Full Professor In Plant Science, Al-Husain Bin Talal University, Jordan).**



**Presidential speech delivered by Honorable Principal Dr.L.D.Kadam.**

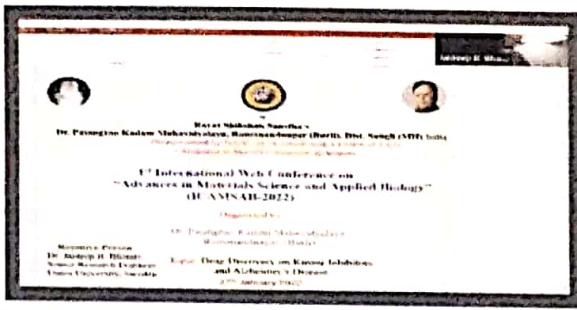


**Vote of thanks by Co-ordinator of Conference Dr. G. R. Patil.**



**Introduction of resource person by Mr. V.R. Bhosale,**

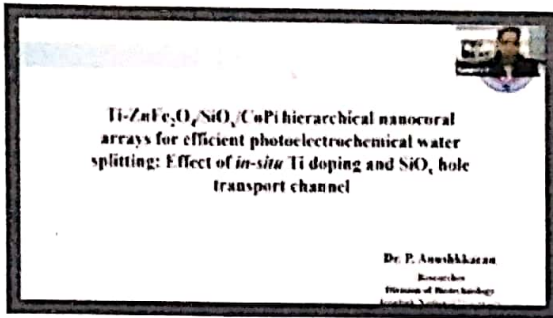




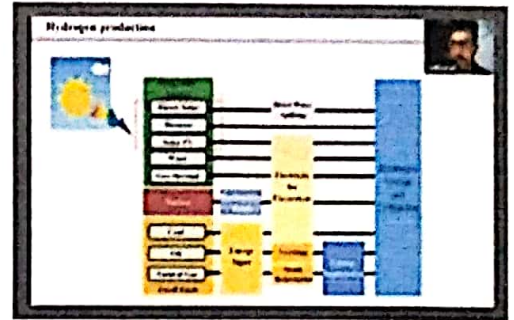
**Resource Person Speech by Dr. Jaideep Bharate (Senior Research Engineer, Umea University Sweden)**



**Vote of thank offered by IQAC Coordinator Mr. Umesh Shelke.**



**Introduction of resource person by Ms. N. J. Kamble**



**Resource Person Speech by Dr. P. Anushkaran (Division of Biotechnology, South Korea)**



**Vote of thanks by Mr. Dinesh Sasane**



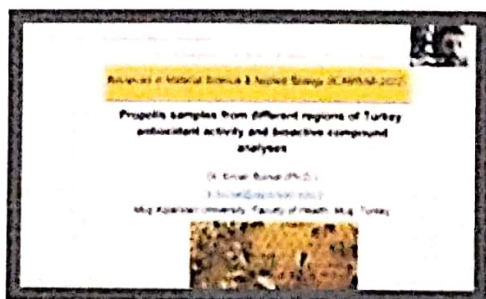
**Introduction of resource person by Mr. Dhanesh Gawari**



**Resource Person Dr. Dong Hyung Kim (Department of Materials Science and Chemical Engineering, Hanyang University, Seoul, Republic of South Korea)**



**Vote of thanks by Mr. Y.R. Sabale**



**Resource Person Prof.(Dr) Ercan Bursal (MuşAlparslan University, Faculty of Health, Muş, Turkey) .**



**Resource Person Dr, Yogesh Gangarde(Post Doctoral research scholar , Oregon State University Department of Biochemistry and Biophysics, Corvallis).**



**chief guest of the function Dr. A.S. Jagnure, Head Department of Chemistry, K.I.E.F.S.G.I Bagewadi, Nipani)**



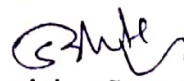
**Vote of thanks of Valedictory function delivered by Ms. Sneha Wagh Head, Department of Botany**

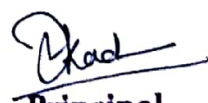


**The conference was compeered by Dr. Ashwini Tatugade (Assistant Professor in English) and Ms. Priyanka Ghorpade ( Assistant Professor in Chemistry).**

  
Convener  
Mr. A. B. Mane

  
Coordinator  
Dr. G. R. Patil

  
Organizing Secretary  
Prof. Dr. P.B. Piste

  
**Principal,**  
Dr. Patangrao Kadam Mahavidhyalaya,  
Ramanandnagar (Burli)  
Tal. Palus, Dist. Sangli.