

College of Pharmaceutical Sciences, Puri

At- Puri-Konark Marine Drive Road ,
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An ISO 9001: 2015 Certified Institute



**Approved by AICTE and PCI, Affiliated to BPUT
and Recognised by Govt. of Odisha**



Late. Prafulla Ch. Mishra
Founder, CPS, Puri



Smt. Anima Dash
Hon'ble Chair Person, CPS, Puri

(Oct'23 - Dec'23)

Issue-4



To be a leader in the fields of Pharmaceutical education, research training and employment by establishing centre of excellence through dynamic and interactive education environment.



To achieve its vision of developing the youth to become highly competent, employable and versatile professional in the contest of leading pharmaceutical industry and practice by quality consideration and intense competent.



Prof.(Dr.) A.K. Mishra
(Principal, C.P.S, Puri)

It gives me immense pleasure to share the view in News letter (Oct'23 - Dec'23) issue-4 of CPS, Puri that students, staffs and the learned people associate with College of Pharmaceutical Sciences, Puri will be connected with News Letter. I am happy & thankful to my faculty members for their contribution to publish of the News letter.



Mrs. Anima Dash
(Chair Person, C.P.S, Puri)

It gives me great pleasure to learn that College of Pharmaceutical Sciences, Puri publishing News letter (Oct'23 - Dec'23) Issue -4. Our institution is a leading Pharmacy Institute in the state of Odisha by providing quality education and performing different activity progressing towards its vision.

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(Student)

Felicitation to all the Alumni members, CPS, Puri



Group Photo session during Alumni meet 2023

Campus interview 2023 was conducted by Aurobindo Pharma Pvt. Ltd. on Dt. 01/11/2023



Inaugural session: (From L to R) Dr. Santosh Kumar Mahapatra, Director, CPS, Puri, Dr. A. K. Mishra, Professor and Principal, CPS, Puri & Mr. TVS Swarup, H.R, Aurobindo Pharma Pvt.Ltd.



Dr. Santosh Kumar Mahapatra, Director, CPS, Puri felicitating to Mr. Tholada Mohit, H.R, Aurobindo Pharma Pvt.Ltd.



Mr. TVS Swarup, H.R, Aurobindo Pharma Ltd. conducting student's interview during campus drive -2023.



Group photograph of selected students in Aurobindo Pharma Pvt. Ltd. campus drive -2023 along with faculty of CPS, Puri.

Congratulation to our B. Pharm final year students-2023 for selection in the interview

Selected Students List of CPS, Puri



- Aditya Narayan Behera
- Jiban Jyoti Rout
- Himansu Nayak
- Asish Kumar Bisoi
- Kanhu Ch. Subudhi
- Suvraj Panigrahi
- Mukesh Ku. Shao
- Punam Pradyosh
- Suryakanta Swain
- Aditya Ku. Swain
- Nirajan Sahoo
- Pradyumna - D.Pharm
- Abhisek Sukumar Barik
- Rakesh Panigrahi





Congratulation to our Alumni Ms. Subhadarshini Bhagyashree for receiving gold medal from Vice-chancellor, SRM- University during convocation-2023.

62th National Pharmacy Week (NPW) was Celebrated from 19/11/2023 to 25/11/2023 at College of Pharmaceutical Sciences, Puri



Inaugural session: (From L to R) Dr. S. K. Nayak, Professor and Vic- Principal, CPS, Puri, Dr. A. K. Mishra, Professor and Principal, CPS, Puri, Dr. R. S. Thakur, Former secretary, PCI, Dr. Rajat Kumar Kar, Principal, Dadhichi College of Pharmacy and Dr. Santosh Kumar Mahapatra, Director, CPS, Puri.



Dr. R. S. Thakur, Former secretary, PCI is delivering a talk and encouraging to the B.Pharm students on the occasion of the 62th National Pharmacy Week.



Dr. A. K. Mishra, Professor and Principal, CPS, Puri is delivering welcome speech on the occasion of the 62th National Pharmacy Week.

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● ବିପିଏସ୍‌ରେ ଆଲୋଚନାଚକ୍ର

ଡାକ୍ତରଙ୍କ ସହିତ ଫାର୍ମାସିଷ୍ଟର ଭୂମିକା ଗୁରୁତ୍ୱପୂର୍ଣ୍ଣ

ପୁରୀ, ୧୯ ନଭେମ୍ବର (ବିପିଏସ୍): ପୁରୀ-କୋର୍ଟର ବୈଦ୍ୟ ନାଗସିଂହ ଚକ୍ରବର୍ତ୍ତୀ ଏବଂ ପୁରୀ ଡାକ୍ତରଖାନାରେ ଚଳିଥିବା ୬୨ତମ ଜାତୀୟ ଫାର୍ମାସିଷ୍ଟର ସମ୍ମିଳନୀରେ ଡାକ୍ତରଙ୍କ ସହିତ ଫାର୍ମାସିଷ୍ଟର ଭୂମିକା ଗୁରୁତ୍ୱପୂର୍ଣ୍ଣ ବୋଲି ଆଲୋଚନା କରାଯାଇଥିଲା। ପ୍ରତିଷ୍ଠାପତି ଡାକ୍ତର ସି.ଏ.ଏ. ଚକ୍ରବର୍ତ୍ତୀ ଏବଂ ଅନ୍ୟ ଅତିଥିମାନଙ୍କ ସହିତ ଡାକ୍ତରଙ୍କ ସହିତ ଫାର୍ମାସିଷ୍ଟର ଭୂମିକା ଗୁରୁତ୍ୱପୂର୍ଣ୍ଣ ବୋଲି ଆଲୋଚନା କରାଯାଇଥିଲା।

ନିର୍ଦ୍ଦେଶକ ଡ. ସତ୍ୟଜିତ କୁମାର ମହାପାତ୍ର ଓ ଅନ୍ୟ ଅତିଥିମାନଙ୍କ ସହିତ ଡାକ୍ତରଙ୍କ ସହିତ ଫାର୍ମାସିଷ୍ଟର ଭୂମିକା ଗୁରୁତ୍ୱପୂର୍ଣ୍ଣ ବୋଲି ଆଲୋଚନା କରାଯାଇଥିଲା। ପ୍ରତିଷ୍ଠାପତି ଡାକ୍ତର ସି.ଏ.ଏ. ଚକ୍ରବର୍ତ୍ତୀ ଏବଂ ଅନ୍ୟ ଅତିଥିମାନଙ୍କ ସହିତ ଡାକ୍ତରଙ୍କ ସହିତ ଫାର୍ମାସିଷ୍ଟର ଭୂମିକା ଗୁରୁତ୍ୱପୂର୍ଣ୍ଣ ବୋଲି ଆଲୋଚନା କରାଯାଇଥିଲା।

‘ସ୍ୱାସ୍ଥ୍ୟସେବା କ୍ଷେତ୍ରରେ ଫାର୍ମାସିଷ୍ଟମାନେ ଗୁରୁତ୍ୱପୂର୍ଣ୍ଣ ଭୂମିକା ଗ୍ରହଣ କରିବେ’

ପୁରୀ, ୧୯ ନଭେମ୍ବର (ବିପିଏସ୍):

ଡାକ୍ତରଙ୍କ ସହିତ ଫାର୍ମାସିଷ୍ଟର ଭୂମିକା ଗୁରୁତ୍ୱପୂର୍ଣ୍ଣ ବୋଲି ଆଲୋଚନା କରାଯାଇଥିଲା। ପ୍ରତିଷ୍ଠାପତି ଡାକ୍ତର ସି.ଏ.ଏ. ଚକ୍ରବର୍ତ୍ତୀ ଏବଂ ଅନ୍ୟ ଅତିଥିମାନଙ୍କ ସହିତ ଡାକ୍ତରଙ୍କ ସହିତ ଫାର୍ମାସିଷ୍ଟର ଭୂମିକା ଗୁରୁତ୍ୱପୂର୍ଣ୍ଣ ବୋଲି ଆଲୋଚନା କରାଯାଇଥିଲା।

ନାମରେ ଫାର୍ମାସିଷ୍ଟର ବୃତ୍ତ

ଡାକ୍ତରଙ୍କ ସହିତ ଫାର୍ମାସିଷ୍ଟର ଭୂମିକା ଗୁରୁତ୍ୱପୂର୍ଣ୍ଣ ବୋଲି ଆଲୋଚନା କରାଯାଇଥିଲା। ପ୍ରତିଷ୍ଠାପତି ଡାକ୍ତର ସି.ଏ.ଏ. ଚକ୍ରବର୍ତ୍ତୀ ଏବଂ ଅନ୍ୟ ଅତିଥିମାନଙ୍କ ସହିତ ଡାକ୍ତରଙ୍କ ସହିତ ଫାର୍ମାସିଷ୍ଟର ଭୂମିକା ଗୁରୁତ୍ୱପୂର୍ଣ୍ଣ ବୋଲି ଆଲୋଚନା କରାଯାଇଥିଲା।



Prof. Ajay Gajanan Namdeo, HOD, HNB Garhwal University, Srinagar delivered a talk on the topic "Standardization of herbal drugs" at CPS, Puri on the occasion of the 62th National Pharmacy Week.



Dr. A. K. Mishra, Professor and Principal, CPS, Puri is felicitating to Prof. Ajay Gajanan Namdeo, HOD, HNB Garhwal University, Srinagar on the occasion of the 62th National Pharmacy Week.

A Plantation program conducted dt. 21/11/2023 at College of pharmaceutical sciences, Puri on the occasion of the 62th National Pharmacy Week.





College of Pharmaceutical Sciences, Puri
Puri-Konark Marine Drive Road, Baliguali, Puri-2

Timing 7 pm to 8 pm
Dt. 22/11/2023 (Wednesday)

Join Google Meet **ALLUMNI TALK**

Mr. Durgaprasana Nayak
Senior Process Associate-Regulatory Affairs
Tata Consultancy Services (TCS)
Qualification: M.Pharm (Pharmaceutics)

Alluminus, CPS batch 2014-18



A social awareness (Join pharmacists to ensure patient safety) rally was conducted dt. 25/11/2023 by the pharmacy students of College of pharmaceutical sciences, Puri on the occasion of the 62th National Pharmacy Week.

BPUT Tech Carnival – 2023 (Pharma Quiz) organized by the College of Pharmaceutical Sciences, Puri on Dt. 09/11/2023

Government of Odisha

BPUP
Biju Patnaik University of Technology, Odisha, Rourkela

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Biju Patnaik University of Technology, Odisha, Rourkela

College of Pharmaceutical Sciences, Puri
Biju Patnaik University of Technology, Odisha, Rourkela
techcarnival.bput.ac.in

Biju Patnaik University of Technology, Odisha, Rourkela



Pharma Quiz competition organised by the College of Pharmaceutical Sciences, Puri during BPUT Tech Carnival-2023.



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ସିପିଏସ୍‌ରେ ପାର୍ମା କୁଇଜ୍ ପ୍ରତିଯୋଗିତା

ପୁରୀ, ୯/୧୧ (ବିଏସ୍)

ପାରମ୍ପରିକ ଭାବେ ଅଫ ପାର୍ମାସ୍ୟୁଟିକାଲ ସାଇନ୍ସସରେ ବିପିୟୁଟି କାର୍ଯ୍ୟକ୍ରମର ଅନ୍ତର୍ଗତ ପାର୍ମା କୁଇଜ୍ ପ୍ରତିଯୋଗିତା ଅନୁଷ୍ଠାନ କରାଯାଇଛି। ଅନୁଷ୍ଠାନର ଅଧ୍ୟକ୍ଷ ଡା. ଅନାମୟ ମିଶ୍ରଙ୍କ ଅଧିନୀୟତାରେ ପ୍ରତିଯୋଗିତାରେ ଭାଗ ନେଇଥିବା ଛାତ୍ରଛାତ୍ରୀମାନଙ୍କର ଉତ୍ତରାଧିକାରୀ ଭାବେ ଡା. ଅନାମୟ ମିଶ୍ରଙ୍କୁ ଚୟନ କରାଯାଇଛି।

ପ୍ରତିଯୋଗିତାରେ ଭାଗ ନେବାକୁ ଉତ୍ସାହୀ ଛାତ୍ରଛାତ୍ରୀମାନଙ୍କର ଉପସ୍ଥିତି ଉଚିତ୍ତମ ଥିଲା। ପ୍ରତିଯୋଗିତାରେ ଭାଗ ନେଇଥିବା ଛାତ୍ରଛାତ୍ରୀମାନଙ୍କର ଉତ୍ତରାଧିକାରୀ ଭାବେ ଡା. ଅନାମୟ ମିଶ୍ରଙ୍କୁ ଚୟନ କରାଯାଇଛି।

ପ୍ରତିଯୋଗିତାରେ ଭାଗ ନେବାକୁ ଉତ୍ସାହୀ ଛାତ୍ରଛାତ୍ରୀମାନଙ୍କର ଉପସ୍ଥିତି ଉଚିତ୍ତମ ଥିଲା। ପ୍ରତିଯୋଗିତାରେ ଭାଗ ନେଇଥିବା ଛାତ୍ରଛାତ୍ରୀମାନଙ୍କର ଉତ୍ତରାଧିକାରୀ ଭାବେ ଡା. ଅନାମୟ ମିଶ୍ରଙ୍କୁ ଚୟନ କରାଯାଇଛି।

ପାର୍ମା କୁଇଜ୍‌ରେ ଭାଗ ନେଲେ ଛାତ୍ରଛାତ୍ରୀ

ପୁରୀ, ୯/୧୧ (ବିଏସ୍): ପୁରୀ ବାଲିଗୁଆସିସ୍ଥିତ କଲେଜ ଅଫ ପାର୍ମାସ୍ୟୁଟିକାଲ ସାଇନ୍ସସରେ ବିପିୟୁଟି ଟେକ୍ କାର୍ଯ୍ୟକ୍ରମ-୨୦୨୩ ଅନ୍ତର୍ଭୁକ୍ତ ପାର୍ମା କୁଇଜ୍ ଅନୁଷ୍ଠିତ ହୋଇଯାଇଛି। ଏହି କୁଇଜ୍‌ରେ ବହୁ ସଂଖ୍ୟକ ଛାତ୍ରଛାତ୍ରୀ ଭାଗ ନେଇଛନ୍ତି। ବିଜୁ ପଟ୍ଟନାୟକ ବୈଷୟିକ ବିଶ୍ୱବିଦ୍ୟାଳୟ ଦ୍ୱାରା ପ୍ରୟୋଜିତ ଏହି କାର୍ଯ୍ୟକ୍ରମକୁ ଶ୍ରୀକାମରୂପ ମେଡିକାଲ କଲେଜ ଓ ହସପିଟାଲର ପ୍ରାଧ୍ୟାପକ ଡ. ପର୍ଶୁରାମ ନାୟକ ମୁଖ୍ୟ ଅତିଥି ଭାବେ ଯୋଗଦେଇ ଉଦ୍‌ଘାଟନ କରିଥିଲେ। କଲେଜ ଅଫ ପାର୍ମାସ୍ୟୁଟିକାଲ ସାଇନ୍ସସରେ ଅଧ୍ୟକ୍ଷ ପ୍ରଫେସର ଡ. ଅନାମୟ ମିଶ୍ର ଏଥିରେ ଅଧିକାରୀ କରିଥିଲେ। କଲେଜର ନିର୍ଦ୍ଦେଶକ ପ୍ରଫେସର ଡ. ସତ୍ୟନାଥ କୁମାର ମହାପାତ୍ର, ପ୍ରାଧ୍ୟାପକ ଡ. ସଞ୍ଜୟ କୁମାର ନାୟକ, ରେଭିନ୍ଦ୍ରଚରଣ ଅନିମା ଦାସ ଏଥିରେ ଉପସ୍ଥିତ ଥିଲେ। ଅନୁଷ୍ଠାନର ଅଧ୍ୟାପକ ବିଜେଶ୍ୱର ପ୍ରସାଦ ପାଠକୋଶୀ କାର୍ଯ୍ୟକ୍ରମ ପରିଚାଳନା କରିଥିଲେ। ଅଧ୍ୟାପିକା ସୁନୀତା ମିଶ୍ର, ଅଧ୍ୟାପକ ବସନ୍ତ କୁମାର ବେହେରା, ଅସୀତ କୁମାର ମହାପାତ୍ର ପ୍ରମୁଖ କାର୍ଯ୍ୟକ୍ରମ ପରିଚାଳନାରେ ସହଯୋଗ କରିଥିଲେ। ପ୍ରାଧ୍ୟାପକ ଚିତ୍ତରଞ୍ଜନ କେଶରୀ ସାହୁ ଧନ୍ୟବାଦ ଦେଇଥିଲେ।



Dr. Nikunja Kishor Mishra, Professor and HOD, Dept. of Pharmacology, CPS Puri is receiving memento from the Vice chancellor (VC) BPUT and Register BPUT on the occasion of 22nd foundation day “BPUT ODISHA” on 21st November 2023 on behalf of CPS, Puri.



Dr. Nikunja Kishor Mishra, Professor and HOD, Dept. of Pharmacology, CPS Puri and Dr. S. K. Nayak, Professor and Vic-Principal jointly co-ordinated CPR (Cardio Pulmonary Resuscitation) awareness programme on 6th December 2023 at CPS, Puri as per the direction given by NBEMS (National Board of Examinations in Medical Sciences) by Ministry of health & Family welfare, Govt. of India.

2 days Workshop is being organized by the College of Pharmaceutical Sciences, Puri on 16th and 17th December 2023



Mr. Debdas Panigrahi, Asst. CPS Puri is demonstrating to the B. Pharm students during the workshop.



Dr. A. K. Mishra, Professor and Principal CPS Puri is demonstrating to the B. Pharm students during the workshop.



Dr. Chinmaya Keshari Sahoo, Asso. Professor CPS Puri is demonstrating to the B. Pharm students during the workshop.



Dr. Nikunja Kishor Mishra, Professor and HOD, Dept. of Pharmacology, CPS Puri is demonstrating to the B. Pharm students during the workshop.

Faculty members, Lab. Assistances and students of college of pharmaceutical sciences, puri are felicitated on the occasion of 2-days Workshop on 17th December 2023.



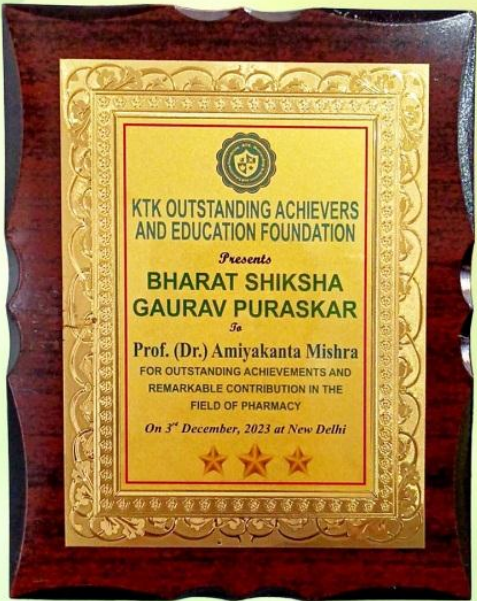


ପାର୍ମାସ୍ୟା କଲେଜରେ କର୍ମଶାଳା

ପୁରୀ, ୧୬/୧୨ (ଦ୍ଵିତୀୟା): ପୁରୀ- କୋଣାର୍କ ବିକାଶପାଇଁ ବାବିରୁଆକିରେ କଲେଜ ଅଫ୍ ପାର୍ମାସିକାସ୍ ସାହାଯ୍ୟରେ ପଢ଼ାବୁଦ୍ଧିକୁ ପ୍ରୋତ୍ସାହନ ଦେବା ଉଦ୍ଦେଶ୍ୟରେ କଲେଜ ଅଧ୍ୟକ୍ଷ ପ୍ରଫେସର ଅମିୟାକାନ୍ତ ମିଶ୍ରଙ୍କ ସମ୍ପାଦନାରେ ଏକ କର୍ମଶାଳା ଅନୁଷ୍ଠିତ ହୋଇଛି । କଲେଜ ଅଧ୍ୟକ୍ଷ ପ୍ରଫେସର ଅମିୟାକାନ୍ତ ମିଶ୍ରଙ୍କ ସମ୍ପାଦନାରେ ଏକ କର୍ମଶାଳା ଅନୁଷ୍ଠିତ ହୋଇଛି । କଲେଜ ଅଧ୍ୟକ୍ଷ ପ୍ରଫେସର ଅମିୟାକାନ୍ତ ମିଶ୍ରଙ୍କ ସମ୍ପାଦନାରେ ଏକ କର୍ମଶାଳା ଅନୁଷ୍ଠିତ ହୋଇଛି ।

ପଢ଼ାବୁଦ୍ଧିକୁ ପ୍ରୋତ୍ସାହନ ଦେବା ଉଦ୍ଦେଶ୍ୟରେ କଲେଜ ଅଧ୍ୟକ୍ଷ ପ୍ରଫେସର ଅମିୟାକାନ୍ତ ମିଶ୍ରଙ୍କ ସମ୍ପାଦନାରେ ଏକ କର୍ମଶାଳା ଅନୁଷ୍ଠିତ ହୋଇଛି । କଲେଜ ଅଧ୍ୟକ୍ଷ ପ୍ରଫେସର ଅମିୟାକାନ୍ତ ମିଶ୍ରଙ୍କ ସମ୍ପାଦନାରେ ଏକ କର୍ମଶାଳା ଅନୁଷ୍ଠିତ ହୋଇଛି ।

Prof.(Dr.) Amiyakanta Mishra got “Bharat Shiksha Gaurav Puraskar” for outstanding achievements and remarkable contribution in the field of Pharmacy, presented by by KTK Outstanding Achievers and Education Foundation on dt. 3rd Dec’ 2023 at New Delhi



MSME Cell Inspection



Dr. A.K. Mishra, Principal, CPS, Puri Felicitating Mr. Sachidananda Das, Asst. Director, MSME, Odisha.

Pharmaexpo & National Conference attended by Faculty members & students of CPS, Puri organised by UDPS, Utkal University, BBSR from 22nd - 24th Dec'2023



Poster Presentation by Mr. Ranjan Kumar Jena, Asst. Prof. & Mr. Basanta Kumar Behera, Asst. Prof., CPS, Puri in Pharmaexpo & National Conference organized by UDPS, Utkal University, BBSR on dt. 22.12.2023



FACULTY CONTRIBUTION

Presentations/Journal publications/Seminars/Conferences



Dr. A.K. Mishra

Dr. Amiyakanta Mishra, Professor & Principal, CPS, Puri & Dr. Biswaranjan Ray, Professor, CPS, Puri, Dept. of Pharmacology, jointly have published one International book chapter-ADVANCE CONCEPT IN MEDECINE AND MEDICAL RESEARCH BP INTERNATIONAL, entitled-Study about physiological Benefit of Intermittent Fasting, Vol -5, Date-Dec' 2023.



Dr. S.K. Nayak

Dr. Sanjay Kumar Nayak, Vice-Principal & Dr. Biswaranjan Ray, Professor, CPS, Puri, Dept. of Pharmacology jointly have published one International book chapter-ADVANCE CONCEPT IN MEDECINE AND MEDICAL RESEARCH BP INTERNATIONAL, entitled-GENOMIC AND PROTEOMIC: CONCEPT AND APPLICATION, VOL-3, Date-NOV' 2023.



Dr. N.K. Mishra

Dr. Nikunja Kishor Mishra, Professor & HOD, CPS, Puri, Dept. of Pharmacology has received an award (Certificate No-SDI/HQ/PR/Cert/107984/NIK) for excellence in reviewing a research manuscript for Journal of Scientific Research and Reports on 18th Oct 2023. Dr. Mishra has participated in two Webinars on "IPR in the era of digital transformation" and "Biosynthesis and characterization of silver nanoparticles and their biomedical and agricultural advancements" organised by Society of Pharmaceutical Sciences and Research (SPSR) on 8th (Certificate No- SPSR/Webinar-28/1320) and 15th (Certificate No-SPSR/Webinar-29/1272) October 2023 respectively. He has also participated in a National conference on "New Approaches in Drug Discovery and Development- Opportunities and challenges" organised by Institute of Pharmacy and Technology, Salipur on 3rd and 4th November 2023. Dr. Mishra was successfully co-ordinated NBEMS (National Board of Examinations in Medical Sciences) CPR (Cardio Pulmonary Resuscitation) awareness programme and acknowledged (Certificate No-NBEMS/CPR/20230061664) on 6th December 2023 by Ministry of health & Family welfare, Govt. of India.



Dr. B.R. Ray

Dr. Biswaranjan Ray, Professor, CPS, Puri, Dept. of Ph.Cology & Dr. Sanjay Kumar Nayak, Vice- Principal, CPS, Puri jointly have patented on Controlled Release Mechanism in Floating Hydrogel Beads Using a Natural Polymer Approach with Metronidazole Incorporation bearing application no. 202331072159A, dt. 27.10.2023.



Mr. D. Panigrahi

Mr. Debadash Panigrahi, Asst. Professor, CPS, Puri, Dept. of Ph.Chemistry has reviewed one research paper for the journal "Informatics in Medicine Unlocked". ELSEVIER in the month Dec'2023.



Mr. H.R. Palatasingh

Mr. Himansu Ranjan Palatasingh, Asst. Prof., CPS, Puri, Dept. of Ph.Ceutics was attended one day National Conference on "Current Trends in Dosage Form Design: Academia - Industry Interaction" on dt. 25th November 2023 organised by department of Pharmaceutics, Anwarul Uloom College of Pharmacy at Hyderabad, Telengana, India & also presented poster entitled "Current Therapy for Management of Diabetes Mellitus" in UDPS-Pharmacon 2023 Pharmaexpo & National Conference on "Current Trends in Drug Development" organised by Utkal University, Bhubaneswar from 22nd-24th December-2023.



Mr. Jasaswi Ray

Mr. Jasaswi Ray, Asst. Prof., CPS, Puri, Dept. of Ph.Cology has participated in 34th Webinars on "organised by Society of Pharmaceutical Sciences and Research (SPSR) on 8th (Certificate No- SPSR/Webinar-28/1320) and he has also participated in a national conference on "Current trends in Drug development" organised by University department of pharmaceutical sciences (UDPS), Utkal University, Bhubaneswar from 22nd-24th December-2023.



Ms. R. Mohanty

Mrs. Rajashree Mohanty, Asst. Prof., CPS, Puri, Dept. of Ph.Ceutics has participated in Pharmaexpo & National Conference on "Current Trends in Drug Development" organised by University Department of Pharmaceutical Sciences (UDPS), Utkal University, Bhubaneswar from 22nd-24th December-2023.



Ms. S. Swain

Ms. Suchismita Swain, Asst. Prof., CPS, Puri, Dept. of Ph.Analysis has participated in Pharmaexpo & National Conference on "Current Trends in Drug Development" organised by University Department of Pharmaceutical Sciences (UDPS), Utkal University, Bhubaneswar from 22nd-24th December-2023.



Mrs. S. Mohanty

Mrs. Swodesna Mohanty, Asst. Prof., CPS, Puri, Dept. of Ph.Analysis has participated in Pharmaexpo & National Conference on "Current Trends in Drug Development" organised by University Department of Pharmaceutical Sciences (UDPS), Utkal University, Bhubaneswar from 22nd-24th December-2023.



AstraZeneca reveals new research to improve drug discovery Source (Pharmatimes online) 6th October 2023. The study used data from 50,000 people in the UK Biobank AstraZeneca (AZ) researchers have revealed thousands of associations between rare genetic variants and plasma proteins, which could improve future drug discovery research and treatment approaches. Results from the study were collated using data from over 50,000 individuals in the UK Biobank. Published in Nature, AZ researchers analysed the effects of rare genetic variants on over 3,000 proteins in the body and identified over 4,400 significant protein quantitative trait loci, which are gene variants associated with protein function essential to health. Proteins are the functional units of cells, which have a number of important roles throughout the body and are controlled by genes contained on chromosomes. In comparison to common genetic variants, rare variants produce stronger evidence and unique insights into the connection between genes and proteins and their roles in disease. More than 75% of the protein quantitative trait loci had never been detected before and provided additional insight to a companion study to analyse common variants in a similar UK Biobank group. Medicines that target genes or proteins linked to human disease are more likely to deliver clinically meaningful outcomes. Findings from the study will enhance the ability to understand disease and discover new targets for drug discovery. AZ's findings from the study are being applied to further scientific

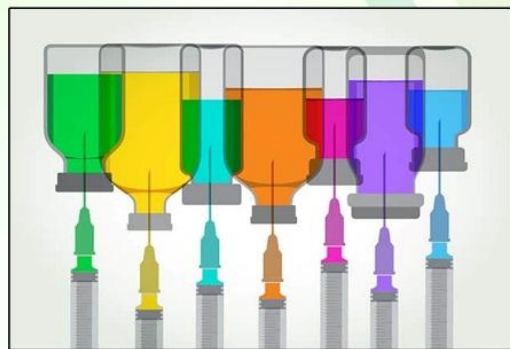
disease mechanisms, potential off-target drug effects, novel target identification and biomarker discovery to accelerate drug discovery and development (R&D) within the company's research and development pipeline. Slavé Petrovski, vice president, Centre for Genomics Research, Discovery Sciences, R&D, AZ, said: "To successfully treat a disease, we benefit from understanding the underlying molecular cause. This research breaks new ground [by] showcasing connections between genetic variants and proteins that we have never seen before."



Johns Hopkins study shows potential for chemical vaccine against malaria. Source (Pharmatimes online)

24th October 2023. Malaria was responsible for over 600,000 worldwide deaths in 2021. A study from the Johns Hopkins Bloomberg School of Public Health has provided evidence supporting the potential of an injectable chemical vaccine for malaria. The study was led by researchers from the Johns Hopkins Malaria Research Institute, the Johns Hopkins University School of Medicine and the University of Liverpool. Responsible for over 600,000 global deaths in 2021, malaria is a serious disease caused by a parasite that can lead to high fevers, shaking chills and flu-like illness. Malaria parasites in infected patients being treated with an antimicrobial medication called Mepron (atovaquone) – which is commonly used as a malaria preventative in combination with an antimalarial called proguanil – can develop resistance to the drug. In the study, funded by Unitaaid, the National Institutes of Health, the Johns Hopkins Malaria Research Institute and Bloomberg Philanthropies, the researchers found that the same genetic mutation that produces malaria parasites resistant to atovaquone could also destroy the parasite's ability to live within mosquito hosts. After investigating a key resistance mutation called cytochrome-b Y268S, the team discovered that the major malaria parasite, Plasmodium falciparum, carrying this mutation is significantly less susceptible to atovaquone. Additionally, when using mosquitoes and P. falciparum-infectable mouse models, the

researchers found that the Y268S mutation destroys the ability of P. falciparum to live within its Anopheles mosquito hosts, disabling its transmission. Based on the findings, the researchers suggest that a 'chemical vaccine' to protect people against malaria using atovaquone has potential and should be further investigated. Theresa Shapiro, professor, clinical pharmacology, Johns Hopkins University School of Medicine and professor in the W Harry Feinstone department, molecular microbiology and immunology, Johns Hopkins Bloomberg School, said: "These findings should reduce concerns about the transmission of atovaquone resistance with atovaquone therapy, particularly when it is used as a chemical vaccine." She added: "This may be the path atovaquone takes as a chemical vaccine."



Cambridge researchers redesign future mRNA therapeutics. Source (The Pharma Times News Bureau) 8th

December 2023. One-third of patients who received Pfizer's COVID-19 vaccine had unintended immune responses. One-third of patients who received Pfizer's COVID-19 vaccine had unintended immune responses. Researchers from the University of Cambridge's Medical Research Council (MRC) Toxicology Unit have redesigned future messenger ribonucleic acid (mRNA) therapeutics to prevent potentially harmful immune responses. mRNA is the genetic material that informs cells how to make a specific protein. mRNA vaccines have been used to control the COVID-19 pandemic and are already proposed to treat various cancers, cardiovascular, respiratory and immunological diseases in the future. Researchers found that the cellular machinery that 'reads' mRNAs 'slip' when confronted with repeats of a chemical modification commonly found in mRNA therapeutics, which lead to the production of off-target proteins that trigger unintended immune responses. In collaboration with the Universities of Kent, Oxford and Liverpool, researchers investigated the prevention of any safety issues linked with future mRNA therapeutics. The team tested for evidence of the production of off-target proteins in 21 people who had received Pfizer's mRNA COVID-19 vaccine. In one-third of the patients, researchers identified an unintended immune response with no-ill effects. After re-designing mRNA sequences by correcting the error-prone genetic sequences in the synthetic

mRNA, researchers produced the intended protein. The decoding machinery in cells, known as the ribosome, reads the genetic code of both natural and synthetic mRNA to produce proteins. When confronted with modified bases called N1-methylpseudouridine in the mRNA, it slips around 10% of the time, causing the mRNA to be misread, producing unintended proteins and triggering an immune response. When removing N1-methylpseudouridine from mRNAs, off-target protein production can be prevented. These modifications to mRNA therapeutics could be easily applied to future mRNA vaccines to produce strong effects while preventing unintended immune responses. Additionally, synthetic mRNA for therapeutic purposes is cheap to produce, can address substantial health inequalities globally by making these medications more accessible and can be changed rapidly. Professor Anne Willis, director, MRC Toxicology Unit, said: "These new therapeutics hold much promise for the treatment of a wide range of diseases" and should be "free from unintended side-effects"



Save yourself from a Stroke

- ⇒ Choose healthy foods and drinks. Choosing healthy meal and snack options can help you prevent stroke.
- ⇒ Stay at a healthy weight.
- ⇒ Get regular physical activity.
- ⇒ Don't smoke.
- ⇒ Limit alcohol.
- ⇒ Keep your cholesterol levels in the normal range.
- ⇒ Control blood pressure.
- ⇒ Control diabetes.
- ⇒ If you have heart disease, get treatment.

Dr. N. K. Mishra, CPS, Puri