

## PROFORMA OF EVENT

1. Name of Department:-**CHEMISTRY**
2. Name of the Event:-**EXTRAMURAL TALK**
3. Date & Time:-**13.4.2022 at 10.30am**
4. Venue:-**Computer laboratory**
5. Title of the Topic: -**Fertiliser Manufacturing Process at IFFCO, Paradeep**
6. Name and Designation of the Resource Person:- Mr. Jyoti Prakash Das  
Sr. Manager, IFFCO, Paradeep Unit  
Paradeep
7. Name of Presiding Person :- Prof. Ranjit Ranjan Sahoo  
Principal, Tulasi Women's College  
Dr. Pramilarani Behera  
HOD Chemistry & Convener  
Mr. Sanat Kumar Pradhan  
Lecturer in Chemistry  
Dr. Mathuri Charan Nayak  
Coordinator, IQAC cell

**REPORT**:-An Extra Mural Talk entitled **Fertiliser Manufacturing Process at IFFCO, Paradeep unit , Paradeep** was organized by the department of Chemistry in association with IQAC of the College on dated 13.4.2022 at 10.30am in the computer laboratory. The programme was inaugurated by the principal, Prof. Ranjit Ranjan Sahoo with welcome address to the resource person. Introduction of the guests and theme of the entitled topic was deliberated briefly by the convener Dr. Pramilarani Behera. Dr. Mathuri Charan Nayak, IQAC Coordinator proposed about the Internship of the chemistry students at IFFCO, Paradeep Unit, Paradeep in the session. Resource Person Mr. Jyoti Prakash Das, Sr. Manager at IFFCO presented the Manufacturing Process of Fertiliser in Paradeep through ppt. Various slides were very interesting on the part of the students. Around 81 students of Botany and Chemistry departments were actively interacted with the resource person. About 12 no. of faculties were participated and interacted with the resource person. The Extramural Talk Programme was ended with vote of thanks by Mr. Sanat Kumar Sahoo, Lecturer in Chemistry.



**ABSTRACT:-**IFFCO enables Indian farmers to prosper through timely supply of reliable, high quality agricultural inputs and services in an environmentally sustainable manner and to undertake the welfare of the farmers. IFFCO is a leading manufacturer of NPK fertilisers comprising nitrogen, phosphorous and potash, besides Di- Ammonium Phosphate which require high quantity of potash as input raw material. The main objective of IFFCO is to make available fertilizer at the farmer's door step, use of balanced fertilizer for growth and educating the farmers for balanced fertilizer application, maintaining clean, safe and eco-friendly environment. It helps the research and development of new products such as Nanofertilizers, Bio fertilizers to improve farm productivity. IFFCO plant has the largest Phosphatic Fertilizer complex in India, Largest Sulphuric acid plant in India, Largest DAP plant in India. One of the very recent success story of Fertilizer industry is the development of Nano fertilizers by IFFCO. India has developed world's first Nano Urea. The India Farmers NPK Fertiliser Cooperative Ltd (IFFCO) plans to expand the total Urea production capacity of its four plants to 4.2 million tonnes up from the present 3.69 million tonnes. Paradeep facility has a production capacity of 23, 10,000 MTPA of Sulphuric acid, 8,75,000 MTPA of Phosphoric acid and 19,20,000 MTPA of DAP.

**Keywords:-** IFFCO , NPK, DAP, MTPA















ରସାୟନ ବିଜ୍ଞାନ ବିଭାଗର ଆଲୋଚନାଚକ୍ର

କେନ୍ଦ୍ରାପଡ଼ା, ୧୩/୪ (ନି.ପ୍ର) : କେନ୍ଦ୍ରାପଡ଼ା ତୁଳସୀ ମହିଳା ମହାବିଦ୍ୟାଳୟରେ ରସାୟନ ବିଜ୍ଞାନ ବିଭାଗ ଆବୁକୁଲ୍ୟରେ ଆଜି ଅଧ୍ୟକ୍ଷ ପ୍ରଫେସର୍ ରଞ୍ଜିତ୍ ରଞ୍ଜନ ସାହୁଙ୍କ ପୌରୋହିତ୍ୟରେ 'ପର୍ଟିଲାଇଜର୍ ମାଡୁଫାକ୍ଟରିଜ୍ ପ୍ରୋସେସ୍ ଆବ୍ ଇଫ୍ କୋ' ଶୀର୍ଷକ ଏକ ଆଲୋଚନାଚକ୍ର ଅନୁଷ୍ଠିତ ହୋଇଯାଇଛି । ଇଫ୍ କୋ ପାରାହୀପ ଯୁନିଟ୍, ପାରାହୀପର ବରିଷ୍ଠ ପ୍ରବନ୍ଧକ ଜ୍ୟୋତିପ୍ରକାଶ ଦାସ ରାସାୟନିକ ସାର ଇଫ୍ କୋରେ ପ୍ରସ୍ତୁତି ପ୍ରଣାଳୀର ନମୁନା ଉପସ୍ଥାପନ କରିଥିଲେ । ଆଇ.କୁଏ.ଏସିର ମୁଖ୍ୟ ସଂଯୋଜକ ଡଃ ମଥୁରା ଚରଣ ନାୟକ ଛାତ୍ରୀଙ୍କ କ୍ୟାରିୟର୍ ସମ୍ପର୍କରେ ମତ ଦେଇଥିଲେ । ପ୍ରାଧ୍ୟାପିକା ଡଃ ପ୍ରମିଳାରାଣୀ ବେହେରା ଅତିଥି ପରିଚୟ ପ୍ରଦାନ କରିଥିଲେ । ପ୍ରାଧ୍ୟାପିକା ଜ୍ୟୋତ୍ସ୍ନାମୟୀ ପତି, ଅଧ୍ୟାପିକା ଇସ୍ମାମୟୀ ଭୂୟାଁ, ଅଧ୍ୟାପକ ନିତ୍ୟସୁନ୍ଦର ମାଣିକ, ରଞ୍ଜିତ୍ ଦାସ ପ୍ରମୁଖ ଅଂଶଗ୍ରହଣ କରିଥିଲେ । ଅଧ୍ୟାପକ ସନତ କୁମାର ପ୍ରଧାନ ଧନ୍ୟବାଦ ଅର୍ପଣ କରିଥିଲେ ।

Pramilarani Behera

Pramilarani Behera

HOD Chemistry