

Circular

Department of Microbiology and Chemistry

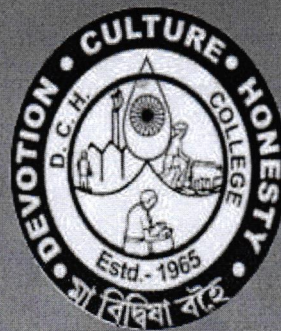
The department of Microbiology and Chemistry has organized an Add-On course on ***Technical -Knowhows for Medical Accessories***. The duration of the course is 30 hours. Interested students can enroll their names to Dr. Malini Basu, Dept. of Microbiology on or before 15th June, 2021. The course commences from 19th June, 2021.



PRINCIPAL

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P.O.-D. Barasat, P.S.-Jaynagar
Dist-24 Pgs. (S) Pin-743372

ADD-ON COURSE



Technical-Knowhows of Medical Accessories

ORGANIZED BY

DEPARTMENTS OF
MICROBIOLOGY & CHEMISTRY

COURSE COORDINATORS

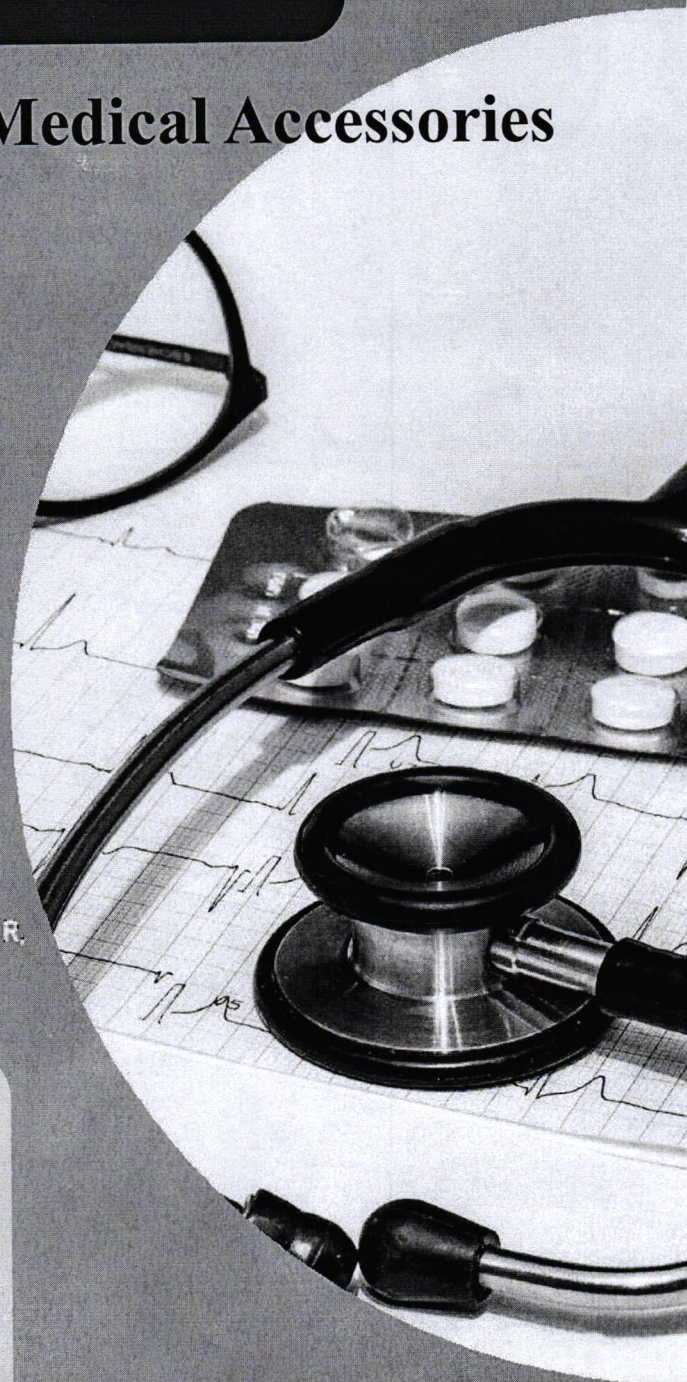
DR. MALINI BASU, HOD, DEPT. OF MICROBIOLOGY
&

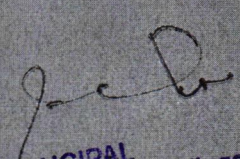
DR. SUBODH KUMAR SAHOO, ASSISTANT PROFESSOR,
DEPT. OF CHEMISTRY

DHRUBA CHAND HALDER COLLEGE

DAKSHIN BARASAT, SOUTH 24 PGS.

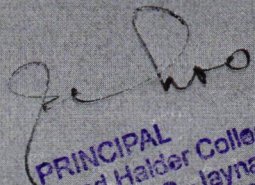
PIN-743372, WEST BENGAL




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CONTENTS

- *Personal and community hygiene*
- *Water purification*
- *Production of Surgical absorbent cotton, surgical bandages, sanitary napkins*
- *Low-cost oxygen concentrators*
- *Sanitizer production*
- *Manufacturing of disposable gloves*

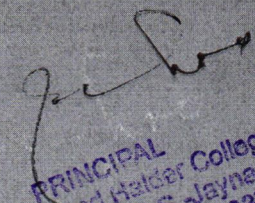

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Faculties:

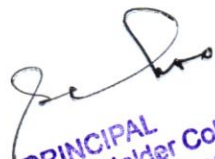
Dr. Malini Basu, Asst. Prof , Dept. of Microbiology, DCH College
Dr. Subodh Kumar Sahoo, Asst. Prof , Dept. of Chemistry, DCH College
Dr. Rupam Mukherjee, Asst. Prof (Economics), Kabi Sukanta
Mahavidyalaya Sri. Arup Ratan Misra, Associate Professor, Dept. of
Commerce DCH College
Live Demonstration by Bhaduri Chemicals (Prop. Sritanu Bhaduri),
Barrackpore.

PARTICIPANTS:

Students from Academic Session 2020-21 have participated.
Stream: B.A. & B.Sc. Hons
(History, Pol. Science, Philisophy, Bengali, Bontany, Zoology,
English)

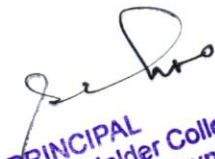

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| Name of Student | Stream | Hons | Attendance | |
|------------------------|-------------|--------------------|------------|------------|
| | | | 19.06.2021 | 20.06.2021 |
| SABANA KHATUN | B.A.(Hons) | POLITICAL HONOURS | P | P |
| Basanti Halder | B.A.(Hons) | Bengali | P | A |
| Bappa saddar | B.A.(Hons) | Political science | P | P |
| Aptab sahil mondal | B.A.(Hons) | Aptab sahil mondal | P | P |
| Animesh Das | B.A.(Hons) | Bengali (H) | P | P |
| IKBAL HASSAIN MOLLA | B.A.(Hons) | English | P | P |
| Dipendu Chakrabarty | B.A.(Hons) | History | P | P |
| Salma sk | B.A.(Hons) | History | P | A |
| NARAYAN CHANDRA MONDAL | B.A.(Hons) | History | P | A |
| BABUSONA MOLLA | B.A.(Hons) | History honours | P | P |
| Pratima Naiya | B.A.(Hons) | History | P | A |
| Priyanka peyada | B.A.(Hons) | History | P | A |
| Tarun Mondal | B.A.(Hons) | History | P | P |
| Imran Hossain Piyada | B.Sc.(Hons) | Zoology | P | A |
| Eshika Ghosh | B.Sc.(Hons) | Zoology | P | P |
| Sagarika Mandal | B.Sc.(Hons) | Zoology | P | P |
| Subhankar Halder. | B.Sc.(Hons) | Zoology | P | P |
| Tania khatun | B.Sc.(Hons) | Zoology | P | P |
| Akhia khatun | B.Sc.(Hons) | Zoology | P | P |
| Mridula Patra | B.Sc.(Hons) | Zoology | P | P |


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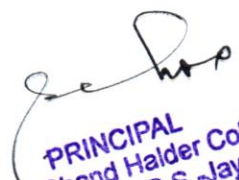
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25.07.2021 31.07.2021 01.08.2021 07.08.2021

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Add-On Course Summary:

As per recommendations of the NAAC peer team, the college had designed and undertaken several add-on/value – added/skill-enhancement courses of which ***Technical - Knowhows for Medical Accessories*** was one.

It was jointly organised by the Departments of Microbiology & Chemistry during the months of June-July 2021.

Duration of the Course: Approximately 30hrs.


Class Schedule: During the week-ends.

Course Coordinators: Dr. Malini Basu, HOD, Dept of Microbiology & Dr. Subodh Kumar Sahoo, Asst. Prof. Dept of Chemistry.

Participants: Both Hons & Gen stream students from Humanities, Social Sciences & Bio-Science domains. There were more than 50 applicants; however around 20 pursued the course to some extent and eventually 10 students successfully completed the course.

Focal theme of the course: Medical accessories of regular use have a high demand in the market. The course was designed with an objective to train the participants in developing entrepreneurship schemes for production of such articles. For example production of sterile absorbent cotton, surgical bandages, sanitary pads, distil water, sanitizers, oxygen concentrators etc. Some virtual lab visits were included in the course.

Besides imparting the scientific know-hows, the students were given a broad-spectrum overview about the economical and

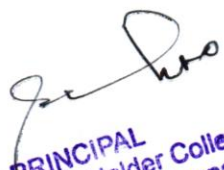

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commercial aspects of the scheme in general, and about the sources of funding for such start-ups.

Evaluation: Students were strictly evaluated on their regularity to the class (i.e. Attendance) as well as by the project (assigned and evaluated by external examiner Dr. Monica Saha) evaluation.

Outcome: Students pursuing undergraduate courses (both honours and general) in different subjects get the opportunity to have an exposure to some unrelated field which might earn helpful know-hows in their futuristic endeavours. This was an eye-opener event for the students. This platform would eventually provide them the impetus start-up business and venture for marketing jobs as well with saleable products related to the health sector. As a lesson learnt from the pandemic times these students have had the understanding the benefits for start-ups in this hour of employment crisis.

Course Completion Certificate: After proper evaluation and grooming the successful candidates were issued certificates authenticated by the Principal, the IQAC Coordinator and the Course Coordinators of Dhruba Chand Halder College


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CERTIFICATE OF PARTICIPATION



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This is to certify that Smt Mridula Patra of the Department of Zoology has successfully completed a short-term course on Technical-Knowhows of Medical Accessories, jointly conducted by Depts. of Microbiology & Chemistry, DCH College in the academic session 2020-21.

Ludashina Sengupta

Signature, IQAC Coordinator

[Signature]

Signature, Principal

[Signature] *[Signature]*

Signature, Course Coordinators

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