



Centre for Innovation and Entrepreneurial Leadership (CIEL)

(With support from MoMSME, Government of India)

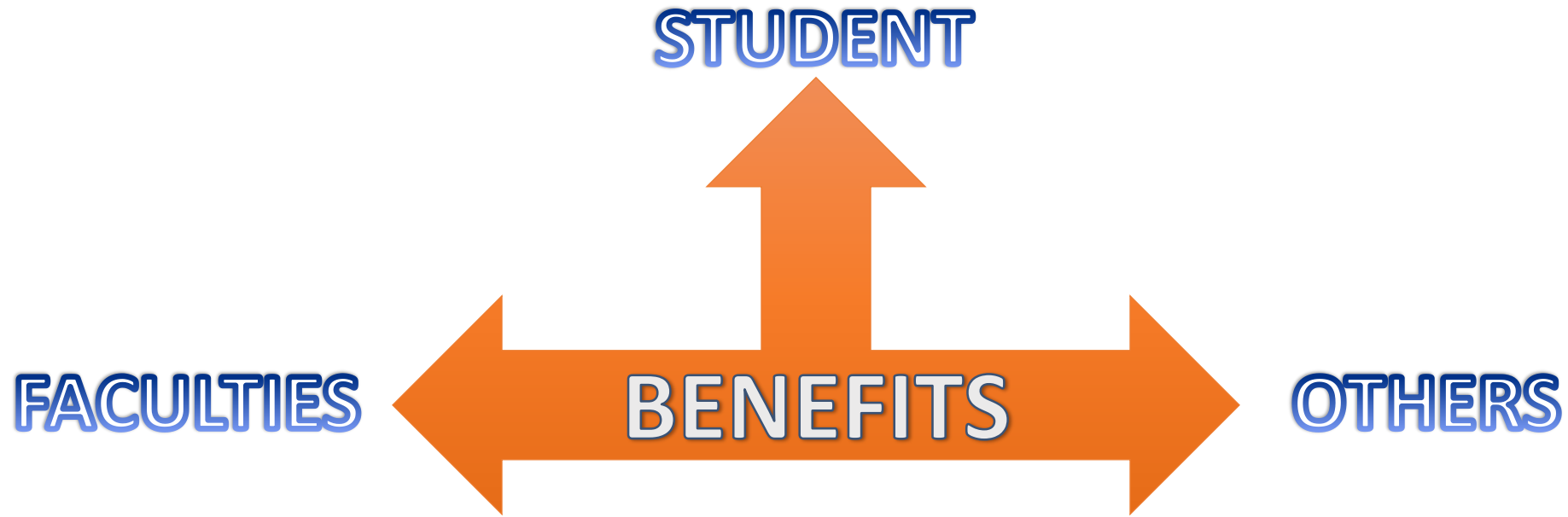
Prof. Gyantosh Kumar Jha
Director
CIEL-TBI

Dr. S. Shankar Subramanian
Manager-cum-Convenor
CIEL-TBI

OVERVIEW

- Atma Ram Sanatan Dharma College with support from MoMSME has established a Technology Business Incubator in its premises to support and encourage entrepreneurship amongst its students and faculties.
- With the establishment of Centre for Innovation and Entrepreneurial Leadership (CIEL), ARSD became the first college of University of Delhi to have a Technology Business Incubator in its premises.
- The main is to support the spirit of entrepreneurship and a zeal for leadership and progressive business ideas among students.

OBJECTIVES OF THE BUSINESS INCUBATOR



- **Help technology start-up businesses** with, all the necessary resources/ support that the start-up needs to evolve and grow as a mature business.
- **Improve the quality of knowledge and competencies** in emerging Science, Engineering and Technology based on the requirement of enormous progress in Industrial growth.
- **Identify the budding entrepreneurs** from among students and faculties to improve the state-of - the art materials and machinery, electronic devices, electrical equipment, computing facilities, and communication networks in various research areas into real time work.
- **Individual incubation cells with common resource** sharing arrangement to support the potential entrepreneurs.
- To **bridge the gap** between Research and Industry for the speedy commercialization of R&D outputs

THRUST AREAS

- **Nanomaterials and Composite Technologies,**
- **Renewable energy applications**
- **electronics and ICT related**
- **energy /technologies**
- **Waste to energy technology**
- **e-waste, mobile computing, Embedded systems, Digital image processing**
- **Web technology**
- **Power System and Power Electronics**
- **Foods and dairy products**
- **Bioinformatics**
- **Cheminformatics**
- **Research and technology development**
- **Material sciences**
- **Others**

ROLE OF TBI

The Centre plays two pivotal roles to promote young talent. First the centre invites proposals all through the year from Entrepreneurs/Incubates in a specified format to try out their innovative ideas (processes and/or products) at the laboratory or workshop stage and beyond – to carry forward the idea from its mere conception to “know-how” and then to “do how” stage. ARSD-CIEL Technology Business Incubator (MSME) will provide laboratory/workshop facilities and other infrastructural as well as mentorship assistances to the selected incubates in a PPP mode.

ROLE OF TBI

Second following the vision of PM Narendra Modi of #StartUpIndia Scheme, CIEL is also the Authorized Incubator to issue recommendation letters to upcoming independent entrepreneurs. Many young entrepreneurs have already been issued recommendation letter and have started working under the scheme. The centre has been regularly promoting the excellent ideas to turn them into successful businesses. We are happy to inform that all the 9 StartUp Companies to whom the Technology Business Incubator, CIEL had issued recognition letters have been recognized by Department of Industrial Policy & Promotion (DIPP) as Startups.

Activities envisaged

- Promoting new technology based enterprises
- Providing services to new as well as existing entrepreneurs
- Consultancy
- Organizing technology fairs, events
- Training programs and short term courses
- Providing assistance to incubate in arranging licenses, finances, legal help and other clearances.

ACTIVITIES AT A GLANCE

Entrepreneurship Awareness Camp

Atma Ram Sanatan Dharma College, University of Delhi, organized an Entrepreneurship Awareness Camp in the College in collaboration with the National Institute for Entrepreneurship and Small Business Development (NIESBUD), Ministry of Skill Development and Entrepreneurship, Govt. of India, and sponsored by the Department of Science & Technology. It was a three-day program from 4 to 6th March, 2020 where about 80 students participated in batches of two. On the third day, the students were sent for a mandatory industrial visit to NSIC, Okhla. Further, 25 best students will be imparted one-month training by NIESBUD in the College. Through this program it is expected that the student will become self-reliant and self-employed. This program will motivate students to start their own business venture and create job opportunities for others. In this way, the students can also benefit from the Make in India program which was launched by the present government where manufacturing and service enterprises in the country will add to the national GDP.



ACTIVITIES AT A GLANCE



1. The Internal Quality Assurance Cell (IQAC) of Atma Ram Sanatan Dharma College, University of Delhi, organized One Week Workshop on “EXPORT MANAGEMENT” in collaboration with MSME-Development

Institute from January 20th-24th, 2020 under MSME, Govt, of India.

Under this training was provided to potential entrepreneurs to go for self employment by setting their own enterprise.



2. The Internal Quality Assurance Cell (IQAC) of Atma Ram Sanatan Dharma College, University of Delhi, organized 02 days Workshop on “Industrial Motivation Campaign (IMC-Y) for Youth” in collaboration with MSME-Development Institute from January 15th-16th, 2020 under MSME, Govt, of India. The agenda of the workshop was to train the participants about the loan procedures, procedures of registration of MSEs, project file preparation and various

Govt. schemes for self employment.





ACTIVITIES AT A GLANCE

❖ Programme with Ministry of Labour


The Internal Quality Assurance Cell (IQAC) of Atma Ram Sanatan Dharma College, University of Delhi, organized a workshop on “Features of National Career Service” on September 5th, 2020 in collaboration with National Institute for Career Services, Ministry of Labour & Employment (GOI). The agenda of the workshop was to assist on employment consultation and introduction of psychometric testing to the students.

ATMA RAM SANATAN DHARMA COLLEGE, DU
INTERNAL QUALITY ASSURANCE CELL (IQAC)

 **Ministry of Labour & Employment**
GOI



In collaboration with
NATIONAL INSTITUTE FOR CAREER SERVICES


National Career Service
एक अवसर, एक नया
Right Opportunities, Right Time

(Under the Directorate General of Employment, Ministry of Labour and Employment, Government of India)


Invites you to a workshop-session on
'Features of National Career Service'

RESOURCE PERSONS :

1. Smt. ML Gautam, Director, NICS, NOIDA
2. Sh. Sachit Sharma, YP, MCC, NICS, NOIDA
3. Sh. Munish Chawla, Chief Happiness Officer and COO of a start up in India

AGENDA OF THE WORKSHOP :

- Features of National Career Service Portal
- Introduction to Psychometric Testing
- Assisting on Employment Consultation



For details contact
Dr. Veeta Tuli, Convener

5th SEPT | 10:30 A.M. |
SEMINAR HALL 1

ACTIVITIES AT A GLANCE

Skill Development and Entrepreneurial Cell

A fundraising stall was put up E-cell in the College's fresher's welcome, comprising of 10 different games. Many students took part in it and enjoyed it. The booth was visited and appreciated by our Principal, Sir and other faculties also. It got a great response.

On 2 March 2020, our Annual Flagship Event, E-Summit was organized. It comprised of 3 events. The day started with an inauguration session followed by a talk with influential entrepreneurs. It was graced by guest speakers Ms Tanya Kathpal, founder of Eat my News, Mr Vinod Srivastava, Ex-Director, Lenovo, Dr Gyantosh Kumar Jha, Principal, and Dr Anjali Gupta.

A Case Study Competition was organized in CD Block of the College. In the competition, 12 teams from different colleges of the University

of Delhi were given a case study comprising of a business problem. The solution had to be presented by each team participating in the competition. The day concluded with an entertainment session by Gaurav Gupta - a famous entertainer. The event saw the presence of over 150 students from different colleges from the University of Delhi. In the competition prizes worth 1 lakh were given to the winners. The event was a great success.

ACTIVITIES AT A GLANCE

MoU between ARSD College and National Productivity Council (NPC)

MoU was signed between ARSD College and National Productivity Council (NPC) an autonomous organization under the Department for Promotion of Industry and Internal Trade (DPIIT), Ministry of Commerce & Industry, Govt. of India.

1. ARSD will act as the nodal college for empanelling and involving other colleges for work related to customized trainings/Capacity Building Programs, and Promoting Entrepreneurial activities amongst students.
2. Development & conduct of Capacity Building Programs for Aspiring Entrepreneurs through specifically designed course curriculum.
3. Industry oriented short term certificate courses/PG diploma, specific to Industry 4.0 and Energy.
4. Identifying new areas of Entrepreneurial initiatives.
5. Preparation and exchange of Course Design and Exchange of faculty for the EDPs.
6. Promoting self-employment opportunities for Trainees from ARSD.
7. Any other activity that can be taken up to promote entrepreneurship development.
8. Conduct of Faculty Development Programs for the Faculties of different departments of ARSD, by NPC at NPC premises or University premises or online on mutually decided subject and cost in the relevant areas.
9. Internship programmes, Industry Exposure, Incubation Services.

COMMITTEE MEMBERS FOR CIEL-TBI

Dr. S. Shankar Subramanian, Manager-cum-Convener

Dr. Anjali Gupta

Dr. Shubha Dwivedi

Dr. Anil Kumar Kalotra

Mr. Anil Kumar Rajak

Dr. Indrajeet Kumar Jha

Dr. Raghvendra Pandey

Dr. Vikas Kumar

Dr. Ram Swaroop Maharia

Mr. Manvendra Yadav

Mr. Ravinder Pant

IIRS-ISRO Outreach Program

Dr. S. Shankar Subramanian

Coordinator

ARSD College

OVERVIEW

- IIRS-ISRO Outreach Programme is run by Indian Institute of Remote Sensing, Dehradun, a constituent unit of Indian Space Research Organisation (ISRO), Department of Space, Govt. of India.
- IIRS-ISRO Outreach programme focusses on strengthening the Academia and User Segments in Space Technology & Its Applications using Online Learning Platforms.
- This programme will cover the Basics of Remote Sensing, Geographical Information System and Global Navigation Satellite System.
- In this regard, **ARSD college has been selected as network institute of IIRS outreach network on 28th June 2021.**

Responsibilities of College

- College shall support its own Outreach classroom facility for the planned training.
- College shall meet the financial requirements on its own for the expenditure incurred on the training at their place.
- Identified focal point at the University/Institute/Organisation shall coordinate the day to-day activity requirements of the planned training program.
- College will be responsible for arranging the Outreach classroom for the scheduled training program, registering students for the training, taking attendance of the students and taking care of all needs, as and when required.
- College is responsible for conducting the online examination for all eligible participants. Later compiling and sending the result sheet of participants.
- The coordinator will approve the students enrolling for the course and monitor the course.
- The coordinator shall collect feedback at the end of course for improvements to be made in future courses.
- In this course, nominated coordinator/focal person of University/Institute/Organisation is not allowed to participate as a registered student as per the guidelines.

Courses Completed

S. No.	Name of course	Duration	No of students
1.	Geospatial technology for hydrological modelling	July 19, 2021 to July 30, 2021	4
2.	Geospatial Modelling for Watershed Management	August 02, 2021 to August 06, 2021	2
3.	Global Navigation Satellite System	August 16, 2021 to November 26, 2021	90
4.	Remote Sensing & Digital Image Analysis	August 16, 2021 to September 10, 2021	51
5.	Satellite altimetry for River Monitoring	August 10, 2021	26

Courses Ongoing

S. No.	Name of course	Duration	No of students
1.	Fundamentals of Remote Sensing and GIS Technology (Course in Hindi)	September 14, 2021 to September 28, 2021	3
2.	Basics of Geographical Information System	September 27, 2021 to October 22, 2021	47
3.	Basics of RS, GS and GISS	August 16, 2021 to November 26, 2021	115