

ANNUAL REPORT OF THE PROGRAMMES UNDERTAKEN BY THE TEACHERS - 2018-2019

During the session 2018-19, four teachers, Dr. Kulbhushan Rana, Dr. Harkanwal Singh, Ms. Monika Singla and Ms. Rachna attended workshop on 'DBT star College Scheme Grant Proposal' at Doaba College, Jalandhar. This workshop aimed at how to apply for the Star College scheme of DBT, Ministry of science and technology, GOI. The terms and conditions for DBT support were discussed that would strengthen and upgrade skills of faculty and the students. All the four teachers were provided with financial support to attend this workshop. The college organised one day lecture for teaching and non-teaching staff.

Four non-teaching employees a six day workshop on "MS Excel Software" was conducted in which the employees were provided the training about the intense formulas to be used in speeding up the work on MS Excel. One more six daytraining programme was conducted on "Modern Accounting Practices" to enhance the efficiency of the non-teaching faculty by using double entry system and GAAP. Besides, one weekshort-term training programme on "Waste Management Practices for Environmental Sustainability" was attended by Dr Vandana Kukreja. In this training program, demonstration of waste management, vermi composing and its practical demonstration was given by the experts.

Principal S.D. College, BARNALA

ANNUAL REPORT OF THE PROGRAMMES UNDERTAKEN BY THE TEACHERS – 2019-20

During the session 2019-20, Dr Rajesh Gupta along with Prof. Gaurav Singla attended national seminar on "Revised Accreditation Framework" in which the participants were provided the information regarding the revised framework of NAAC. Dr Rajesh Gupta and Dr Manish Kumar attended MHRD MESC sponsored workshop named "Manthan".

"Capacity Building workshop for NAAC Accreditation of Colleges" was attended by Dr Rajesh Gupta as well as by Prof. Gaurav Singla. The purpose of the workshop was to enlighten the teacherswith various parameters regarding NAAC accreditation and policy. Prof. Savita Sood and Dr Kulbhushan Rana attended the workshop on "Chemical Lab Safety-Concerns and Practises". In this workshop, the participants got the knowledge of the safety measures in using various hazardous chemicals when students make use of them in labs.

All these teachers were provided financial support by the institution to attend the seminar and the workshop. To promote quality in education and broaden the horizons for learning, the institute organised "Faculty Lecture Series on Contemporary Issues".

In the first lecture of the series, Dr Rama Sharma presented a motivational talk on "The Teacher as a Professional". In this talk 43 members from the teaching staff were present and the focus of the talk was how to use new techniques of teaching that will enhance their professional skills.

A one-day workshop on "UGC Guidelines on Career Advancement Scheme" was organised in the college. Dr Rajesh Gupta deliberated in detail the guidelines for promotion of teachers in the colleges - CAS- 2018 as per UGC regulations- 2018

A two-dayworkshop was organised on the topic "Formulation of Program, Objectives, Program Specific Objectives and Course Objectives" Dr Tapan Kumar Sahu, the resource person on the first day began the session with a wider discussion on current Teaching-Learning outcomes. The participants were also guided and helped to frame the PSOs and POs of the various college courses and programmes. On the second day, Prof. Gaurav Singla explained how teachers can plan their lectures keeping COs in mind.

Principal S.D. College, BARNALA

ANNUAL REPORT OF THE PROGRAMMES UNDERTAKEN BY THE TEACHERS – 2020-21

Three faculty members, Ms Amandeep Kaur, Ms Nirupma and Mr Amardeep Singh attended FDP on "Moodel learning Management System" from August 1, 2022 to August 5, 2020 in which the participants had an effective learning on LMS.

Dr Rajesh Gupta, Dr Vandana Kukreja and Mr. Gaurav Singla attended a workshop on "Design, Development, Delivery of e-Content and Online Assessment" in which training was provided to participants regarding how to design, develop and deliver e-content for efficient teaching.

Computer Department of the college organised a webinar on "MS- Excel and Word" in which the resource person described the various functions and features of MS-Excel and discussed various shortcuts and formulas for sorting and filtering data. Total 331 students and 41 faculty members attended the event.

IQAC in association with the Department of Computer Science organised a hands-on-training workshop on "Campus Management Software" from 17th of March 2021 to 29th of March 2021. 25 teaching and 04 non-teaching staff members attended the workshop. The participants were given the training about different course structures and subjects in the Master Disc of the software. They also learnt about generating student based and university-based reports from the data available in different courses. The second session of this workshop was held from 30th March 2021 to 1st of April 2021 in which 18 teaching and 09 non-teaching staff members were provided the training regarding uploading and downloading the data available on the software in different formats in the scenario of Covid-19Pandemic. An online workshop on "Assessment of Online Examination" was conducted by the Department of Computer Applications on

21st of May 2021, in which the faculty members were provided the hands-on-training to use Free Conference Call App for taking online classes and the another app "Microsoft Edge" for evaluating the answer sheets. Around 43 faculty members attended this online program.

Dr Tarspal Kaur attended "44th Faculty Induction Program" from 10th of August 2020 to 8th of September 2020 conducted by HRDC Punjabi University Patiala. Various prospects of teaching and learning like learning thinking skills, national and international funding agencies in the field of research, digital technology, research methodology, water and waste management etc. were discussed in this program.

Dr Baltej Singh, Dr Kulbhushan Rana and Mr Satpal Singh, Miss Priyanka Bhagla and Mr. Rachpaul Lamba attended FDP on "Online Teaching, Learning Practices, Challenges and Solutions" at SGTB Khalsa College, Sri Anandpur Sahib, Punjab from July 7, 2020to July 12, 2020. The focus of this FDP was on imparting training to the teachers to handle various challenges faced by them during Covid-19 Pandemic. Many new skills about MOOCSs and online teaching and pedagogical aspects of online teaching learning practises were explained to the participants.

Mr Satpal Singh from Department of English attended FDP on "Language and literature- A Pragmatism" from 20th of July 2020 to 26th of July 2020. He also attended FDP on "Literacy Criticism" from 30th of July 2020 to 5th of August 2020, workshop on "Intricacies of NAAC Assessment for Better Scoring" from 27th of July 2020 to 31st of July 2020, workshop on "Language Translation Skills" from 8th of August to 12th of August 2020, workshop on "Gender-based Violence and Prevention of Sexual Harassment at Workplace" from 13th of

August 2020 to 14th of August 2020, workshop on "Changing Faces of Human Rights" from 16th of October 2022 to 20th of October 2020

Ms Inderpreet Kaur participated in a workshop on "Language Translation Skills" from 8th august to 12th august 2020 and FIP from 2nd of March 2021 to 29th of March 2021.

Ms. Rajni Gupta attended workshop on "Introduction to IPR and Patent Protection" on 5th of April 2020.She along with Miss Savita Sood attended workshop on "MS-Word and PowerPoint, Exclusive for Beginners" from 3rd of August to14th of August 2020 and workshop on "Frontiers in Material Sciences" from 9th of October to 10th of October 2020.

Dr Vandana Kukreja participated in FDP on "Fostering Global Competencies among the Faculty during COVID-19" from 6th of July 2020 to 10th of July 2020 in which various platforms for online teaching like Zoom, FCC, Google Meet etc. were discussed

S.D. College, BARNALA

ANNUAL REPORT OF THE PROGRAMMES UNDERTAKEN BY THE TEACHERS – 2021-22

Dr. Manish Kumar from Department of Botany attended a workshop on "Advancing Green Educational Campuses- A Regional Experience Sharing" from 9.12.2021 to 11.12.202 in which the thrust was laid on how to provide green cover to the campus by planting saplings and using three R's formula.

Dr Rama Sharma, Dr Rajesh Gupta and Mr Gaurav Singla attended "Capacity Building Workshop Regarding NAAC" on 23 February 2022.

Dr Kulbhushan Rana along with Ms Navneet Kaur attended "Science Week Festival- Sarvatre Gyan Pujiyate" from 22.02.2022 to 28.02.2022 based on enriching participants' knowledge through various competitions.

Dr Rajesh Gupta participated in Capacity Building Programme on "NAAC Accreditation Awareness Programme for College" on 02.03.2022.

Dr Sanjay Kumar Singh from Department of Physics participated in FDP on "Creating and Publishing e-Content in Technical Teaching-Learning Process". In this FDP, the focus was on enriching the knowledge of the participants in digging internet information for academic resources. Tools for content preparation and course delivery were discussed. He also participated in Short Term Course (STC) on "Optics: Diffraction and Interference of Light" at IIT

Kanpur from 25.02.2022 to 2.3.2022. The resource person Dr. H.C.Verma explained various Optical Phenomenon by using Experimental Exposure.

Dr. Kulbhushan Rana and Miss Rajni Gupta from Department of chemistry attended two-week online FDP on "Chemistry-The Catalyst for Change" from 14.7.2021 to 28.7.2021. This program aimed at to provide exposure to cutting-edge Chemical Research and Technology and create a culture of learning and self-improvement among faculty members. Ms Rajni Gupta also attended one week of FDP on "Research Methodology".

Ms Nirmal Gupta, Miss Neeru Goyal, Dr. Khulbhusan Rana, Dr.Renu Bala, Dr. Manish Kumar and Dr Amandeep Kaur attended seven days FDP on "Together for Education" from 28.7.2021 to 03.08.2021. In this program, SPSS usage and its elements in education research was discussed. Some of the topics like psychology, learning of differently abled child, Indian Education System, were thoroughly discussed. This FDP resulted in overall enhancement in quality of the faculty.

Dr Manoj Kumar, Dr Manjeet Singh, Dr Manish Kumar and Ms. Sonia Goyal attended 4-week Induction Orientation Programme. This Orientation Programme was supporting tool for Career Advancement of faculty.

Dr Renu Bala from Department of Zoology attended seven days FDP on "Understanding Geodiversity and Geoheritage" from 22.2.2022 to 28.2.2022. During different sessions, the learned personalities explained in detail Geodiversity, Geoheritage and Geoparks.

Dr. Khulbhushan Rana attended National Symposium on "Scope and Prospectus of Chemical Science" from 26.7.2021 to 31.7.2021. The information related to innovations in the field of chemical science and their score in daily life was provided to the participants.

Dr. Vandana Kukreja along with Ms. Savita Sood and Ms. Rajni Gupta attended online STC on "ATRMM-21" from 26.7.2021 to 31.7.2021 in which they were enlightened on latest analytical techniques highlighting spectroscopic techniques and their use in Material Sciences.

A workshop on "Admission Software" was organised in the institute by the Department of B.Voc(Software Development) for teaching and non-teaching staff. 56 teaching staff members and 6 non-teaching staff members got benefited by this workshop. The aim of this workshop was to get the staff members acquainted with various salient features and working of newly developed Admission Software.

The Department of Chemistry Organised a workshop on "Chemistry Software" on 2-6-2022 in which 19 teaching staff members were present. The members were provided the training regarding CHEMSKETCH software and its utility while writing chemical equations and preparing PPTs.

The Department of Mathematics organised a seven-day workshop on "MATLAB Software" from 5-02-2022 to 12-02-2022. The participants were made aware of new computational techniques for making plots and graphs.

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ANNUAL REPORT OF THE PROGRAMMES UNDERTAKEN BY THE TEACHERS – 2022-23

Dr Baltej Singh, Dr Manoj Kumar Gupta, Dr Sanjay Kumar Singh, Dr Kulbhushan Ranna, Ms Rajni Gupta, Ms Savita, Sood, Dr Renu Bala, Dr KamalPreet Kaur, Dr Manish Dr Amardeep Kaur Dr Rajesh Gupta, Ms Upasana, Ms Dimple Rani attended "26th Punjab Science Congress-National Conference on Environment, Food, Security and Health with reference to Climate Change" from 7-2-23 to 9-2-23 in which the faculty members presented their papers through posters also. During the different sessions, eminent resource persons highlighted the applicability of bio compatible alloys in the field of radiation dosimetry, medical imaging, medical technology etc. The participants got the opportunity to interact with eminent academicians of different disciplines and know about their latest findings.

Dr Manoj Kumar Gupta attended two-dayNational Conference on "Radiation Physics" from 15-12-2022 to 16-12-2022, organised by Bangalore University, Bengaluru. He presented his research paper entitled "A Study of Fundamental Aspects of Magnified and Non-magnetised Feuomagnetic Materials". In this conference, the uses of radiation for future requirement of power generation within economical cost were briefed.

Dr Sanjay Kumar Singh attended a five days event entitled "Physics Teachers Training Program (PTTP)- Quantum Mechanics" at International Centre for Theoratical Science (ICTS), Tata Institute of fundamental research, Bengaluru Karnataka from 9-1-2023 to 13-1-2023. Dr Kulbhushan Rana participated in nine days (10-19thJan.,2023) GIAN course on "Miniaturised Total Analysis Systems" organised by Punjabi University Patiala. The focus of this course was to expose the participants to the fundamentals of microfluidics, microfabrication

and separation science. The resource persons also provide an understanding of the impact of the manufacturing approach on design, integration and cost of prototyping and upscaling.

Dr Sanjay Kumar Singh participated in seven days training programme on the topic "Advances in the tradition of Materials from 12th to 18th September 2022 under DST-STUTI M.S. University, Benoda, Gujarat. He participated in "Advances in Experimental and Simulation Techniques for MaterialsScience" under STUTI Program at DST IIIT Allahabad, Prayagraj, UP from 21st to 27th June 2023 also. He attended "Mini Physics Training and Talent Search Programme PTTS 2023" as a resource person at H.P.T.Arts and R.V.K Science College Nashik, Maharashtra from 17th to 2st1 March 2023.

Two faculty members, Dr Baltej Sir Singh and Dr Manoj Kumar Gupta attended sixth national conference on "Advanced Materials and Radiation Physics" organised by Department of physics SLIET, Punjab from 18th to 19th of May 2023. They present their research papers.

Dr Baltej Singh and Dr Manoj Kumar Gupta from the Department of physics attended one week online FDP on "Principles of Radiation Detection and Measurements and Experimental Techniques" on 03-09, April 2023. Lectures on different topics like "Introduction to Radioactivity and Deary" "Nuclear Application using Nanotechnology", "Interaction of radiation with matter", "Solid state Nuclear Detectors" were delivered by the experienced an eminent academicians personalities.

Dr Manish Kumar and Dr Amardeep Kaur from Department of Botany attended "4th National Research Scholars Meet-2023" conference on "Evolving Trends and Challenges in Multidisciplinary Research" from 16-3-2023 to 17-3-2023 at SGGS World University Fatehgarh Sahib.

Miss Savita Sood Mam attended a "Conference on Recent Advances in Chemistry CRAC-2023" on February 23rd -24th ,2023. She presented a poster entitled "Role of Fish Oil in Human Health-A Review". The main motive of this conference was to provide platform to the young scientists to directly interact with the experts from the fields of chemical, environmental sciences, nanotechnology and green chemistry.

The Department of chemistry organised a workshop on "Lab Safety Measures" on 13 February 2023. Dr Kuldeep Kaur elaborated the identification of chemical hazards and lab safety practises. Shri Vijay Sharma, training supervisor, Red Cross Society, Barnala imparted training regarding artificial respiration, handling and burning incidents etc. 16 teaching and 5 non-teaching staff members attended this workshop. The department conducted Two days, Hands on Training Program for Laboratory Staff on 17th and 18 February 2023 on "Repair, Maintenance and Calibration of the Instruments". Mr Kavish Kumar, Engineer, Lab Technology Solutions Ambala shared his knowledge about technical fault that can occur in various instruments such as PH Meter, Colori Meter, conductometer, water bath etc and train them about the repair, collaboration and maintenance of the instruments. 12 non-teaching staffmembers attended this training.

Dr Bahadur Singh attended a seven-days workshop on "Athletics" from 8 to 14 February 2023. The objective of the workshop was to provide knowledge to delegates in the field of athletics.

Ms Nirupama participated in one week, FDP on "Amazon Web Services" organised by Magna Institute of Engineering at the end technology for women from 22nd to 27th of August 2022. This FDP provided knowledge regarding the AWS services to the developed so that they can assess them from anywhere if the need so arises

Ms Sonia Goyal from Department of Commerce participated in an International Conference on Digital Transformation, Redefining Business Models and Strategies for the Digital Era organised by Christ College, Pune from 6th to 7th June 2023 and presented the research paper titled "Role of Social Media in the Selection of Cultural HeritageDestinations: Review of Literature". She participated in a five days virtual FDP on "Advance Tactical Techniques for Data Analysis using R" organised by Department of Management Studies, Acharya Bangalore B School from 22nd to 26th May 2023.

Dr Rama Sharma along with Dr Rajesh Gupta attended "One day NAAC Awareness Programme" organised by state project directorate Rashtriya Uchchatar Shiksha Abhiyan, Department of higher education, Chandigarh on 20-12-2022.

Dr Dimple rani attended International Conference on "Analysis and Its Application" (ICEA 2023) organised by Department of mathematics Shivaji College, University of Delhi from February 27th-28th, 2023. The main motive of the conference was to provide a platform to the researchers where they can directly interact with the learned specialists of the field and acquaint themselves with one of the fascinating branches of mathematics analysis.

Mr Satpal Singh from Department of English attended an Orientation Programme for Faculty in Universities/Colleges, institutions of Higher Education from 20 July to 18 August 2022. In this program, the participants were acquainted with the recent techniques in pedagogy along with a focus on developing their technological administrative skill set.

The faculty members were provided financial assistance by the institute to attend the programs.

S.D. College, BARNALA

S.D.COLLEGE BARNALA



ORGANIZING WORKSHOP

BY DEPARTMENT OF COMPUTER SCIENCE

Microsoft = 16xcel

DATE:

26TH DEC. 2018 TO 31ST DEC. 2018

VENUE: COMPUTER

LAB-3

S.D.COLLEGE

S.D. College Barnala PG Dept of Commerce

Organises
Six Days Training Programe on

MODERN ACCOUNTING PRACTICES

Resource Person	Date
Amrish Kumar (Associate Prof. & Head Department of Commerce S.D. College, Barnala)	Jan. 01, 2019 to : Jan. 06, 2019
Venue: Computer Lab-III	

For Registration & More Information Contact Gitanjali Jain(Assistant Prof. Commerce) (814610-6999) (2020-21)

2020-21

tia

S.D.College Barnala



ORGANIZING

WORKSHOP

BY DEPT. OF COMPUTER SCIENCE & IQAC

CAMPUS MANAGEMENT

SOFTWARE

DATE: 17TH MARCH 2021 TO 29TH MARCH 2021

VENUE: S.D.COLLEGE

(2021-22)



Venue:

S.D. College Barnala

Department of Mathematics

(Under DBT Star College Scheme)
Organised
Seven Days Workshop on

MATLAB



Dr. Savita Bansel (Department of Mathematics S.D. College, Barnala) Date Feb. 05, 2022 to Feb. 12, 2022

For Registration & More Information Contact

1. Prof. Ashwani Sikri(98725-33442)

Department of Mathematics

S.D. College , Barnala

2. Prof. Manish Kumar Garg(90417-23803)

(2:021-22)

05.7.2021 - 09.07.2021







FDP On Creating and Publishing e-Content in Teaching Learning Process

About the Institute

College of Engineering Thalassery, established by Govt. of Kerala in the year 2000 under Co-operative Academy of Professional Education (CAPE) of Ministry of Co-operation, affiliated to APJ Abdul Kalam Technological University (KTU) and Cochin University of Science and Technology (CUSAT) and Approved by the AICTE. The College Offers B.Tech courses in the following six Engineering streams and M.Tech courses under Electronics and Communication Engineering and Mechanical Engineering Departments. Admission is purely based on the Common Entrance Examination (CEE) conducted by the Govt. of Kerala. Students of this college are getting top ranks right from the first batch itself among the colleges under CUSAT. This college is the choice of top rank holders in the CEE. College has made a distinction in discipline, quality teaching and in excellence of students.

About the Department

Since its inception in 2004, The Department of Mechanical Engineering has been imparting quality education to under graduate students by training them to meet the demands of the various fields of Mechanical Engineering .The highly qualified and committed faculty is the backbone of the department. Well equipped labs provide the exposure to students for hands on experience. There is a determined desire to propel the department and institution into a centre of excellence in teaching, research and consultancy that is rooted in its local milieu. The Department of Mechanical Engineering envisages to produce ethical global personnel by providing excellent, forward-looking education and research facilities, in a collegial and respectful environment.

Content of the FDP

- Google apps for class room
- Internet information digging for academic resources
- Cloud platform for education
- Tools for content preparation and course delivery
- An introduction to flipped class room
- An introduction to learning management system in education
- Nurturing a rich heritage in younger generation

(22-12)

Contact Details

Institute

COLLEGE OF ENGINEERING THALASSERY ERANHOLI-PO, THALASSERY, KANNUR-DT, KERALA, Kannur Kerala,670107,India +91 490 2388930 http://www.cethalassery.ac.in

Co-ordinator

Eby David, Associate Professor and Head (I/c), Mechanical Engineering Department, COLLEGE OF ENGINEERING THALASSERY ERANHOLI-PO, THALASSERY, KANNUR-DT, KERALA, Kannur Kerala,670107,India +91 490 2388930 http://www.cethalasserv.ac.in

Targeted Participants

Teaching faculty and Technical staff from Institutes running Degree and Diploma level technical programmes, Professionals from Industry dealing with e-Content creation for technical programmes, PG Scholars and Research Scholars who aspire to become teachers in technology,

Session-wise Time Schedule

Date/Day	Session I (2 PM – 3.30 PM)	Break I (3.30PM – 4 PM)	Session II (4 PM – 5.30 PM)	Break II (5.30 PM – 6 PM)	Session III (6 PM – 7.30 PM)
05/07/2021 Monday	Inauguration and Programme overview		Google apps for class room I Dr. Umesh P, Asst. Professor Maths CETLY		Google apps for class room II Dr. Umesh.P
06/07/2021 Tuesday	Key note session: Internet information digging for academic resources I, Sri. Sunil Prabhakaran, Consultant, Mathrubhumi Online		Internet information digging for academic resources II, Sri. Sunil Prabhakaran		Tools for content preparation and course delivery I - Antonio Joseph V K, Technical Head, Skillgenics, Kochi
07/07/2021 Wednesday	Cloud platform for Education I Nikhil Dharman, Asst. Prof CS, CETLY		Cloud platform for Education II Nikhil Dharman,		Tools for content preparation and course delivery II - Antonio Joseph V K.
08/07/2021 Thursday	"Latex – Academic type setting for beginners" I, Antonio Joseph V K		"Latex – Academic type setting for beginners" II, Antonio Joseph V K		An introduction to flipped class room, Eby David, Assoc. Professor CETLY
09/07/2021 Friday	Introduction to Learning Management System in Education, Shameem, ETLab	1	Nurturing a Rich Heritage in the younger generation Dr. Isaac, Professional Councillor		Valediction/Feedback



Shiksha Sopan

Short Term Course Workshop on Optics (Diffraction and Interference)

25th February – 02nd March, 2022

At Sopan Ashram

Dear Friends

Date: 01/02/2022

This is in response to your request for attending the proposed workshop/ short term course on "Optics", at Sopan Ashram, Nankari, IIT Kanpur during 25th February - 02nd March, 2022. I invite you to join the workshop.

Structure of the workshop:

The workshop will have sessions on (a) Concept building through discussion on short demo experiments (b) Hands on activities on demo experiments. (c) Lectures on Optics (Diffraction and Interference) (d) Question-Answer sessions (open house) (e) Presentation by participants (f) other sessions as planned by the organizers. Please note that everyone is supposed to participate actively in ALL the sessions and no personal work should be scheduled during the workshop. The normal duration of the sessions will be from 8:00AM to 10:00PM with 2-to 2.5 hours break for dinner and 45 minutes to 1 hour break for lunch.

Travel Plan:

Kindly plan your journey so as to reach Sopan Ashram IIT Kanpur latest by the afternoon of 25^{th} February 2022. The introductory session will be at 6 PM on 25^{th} February. The formal Inauguration will be on 26^{th} February from 10AM.

The workshop will be over by 3:00PM on 02^{nd} March, 2022. Plan your Journey to leave Kanpur earliest by 5:00PM on 02^{nd} March, 2022.

The guideline to reach Sopan Ashram are as follows. Take an auto rickshaw from Railway Station (outside Platform 1), If you are coming by train. Tell him that you will go about 2 km inside Alimco/Naramau Railway crossing. It should ask for around Rs.350. If you are not coming by train but by bus, there are several stands. Ask local people how to get to Gol Chauraha or Rawatpur or Kalyanpur. You can get auto rickshaw and reach Ashram.

- 1. ALIMCO is an institute where Artificial Limbs are made. The locality itself is known Naramau and this is about 2 km ahead of IIT Kanpur.
- 2. After crossing the railway tracks at ALIMCO crossing, take the road sloping down, slightly to the right of the railway Phatak. Keep moving on this road till it takes a 90 deg turn towards left. In between there

(2021-22)

are one or two bifurcations for going into villages on right but you keep moving on your road, always keeping left.

Once the road makes 90 deg turn, you will see some shops like Gupta Sweet and Restaurant etc. on left. Keep moving about 100 meters and you will see Pal Medical Store, at the corner of a market building. Cross this building and you will get a 20 ft wide cemented bricks road on your left Turn in this road, you will see shops of barber and cosmetic. Move on this road looking at your right. You will see a White building with some red lining and solar panels on the roof. This is Sopan Ashram.

However if you make a phone call from ALIMCO crossing, we will help you to reach Sopan Ashram easily.

Presentation by Participants:

Many of you might have developed some new experiments to serve as teaching aid and used them during your teaching. I will appreciate if you demonstrate your experiments to all participants including us. If you plan to make such a presentation, please write to us as soon as possible.

T.A./ Hospitality:

We will not provide you any kind of Travel Expenses Local stay and normal Vegetarian food will be provided by us.

Please send your confirmation of participation and Travel Details on this email: sopanbajpai@gmail.com upto 15th February, 2022.

Sincerely Yours

Dr. H. C. Verma
Professor (Retd), IIT Kanpur
Mentor, Shiksha Sopan
hcvermaed@gmail.com

Amit Kumar Bajpai Secretary Shiksha Sopan, IIT Kanpur 9506611484 (WhatsApp)

अंधकार को क्यों धिक्कारें, अच्छा है एक दीप जलायें

www.shiksha-sopan.org



Physics Teachers Training Program – Quantum Mechanics

The modern method of physics pedagogy promotes "active learning", wherein students are active participants in the class instead of being passive listeners. This approach includes interactive classes, peer discussion, interactive simulations, and project -based learning.

Physics Teachers Training Program (PTTP) is a program to engage with motivated teachers from across India to introduce them to modern trends in physics teaching. The program from January 9-13, 2023 will focus on discussing Quantum Mechanics at the MSc level with interactive classes and discussion.

Physics Teacher Training Program (PTTP) is an extension for teachers of the highly successful Physics Training and Talent Search (PTTS) program (https://www.ptts.org.in/) for students. Over the past seven years PTTS has organised several schools for undergraduate and postgraduate students following the active learning pedagogy.

This PTTP program is for motivated teachers teaching Quantum Mechanics at the MSc level. The emphasis will be on strengthening one's understanding of the topics in the MSc curriculum. The program is designed to be highly interactive and participants are expected to engage with the instructors and each other. It will also include project-based learning. Attempts will be made to include hands-on interactive simulations.

25 participants from across India will be selected for the program. This is a residential program and all participants are expected to stay on the ICTS campus.

Organisers |

M Sivakumar (University of Hyderabad, Hyderabad, India) Raghavan Rangarajan (Ahmedabad University, Ahmedabad, India) SVM Satyanarayana (Pondicherry University, Pondicherry, India)

Speakers |
Arun Mangalam (Indian Institute of
Astrophysics, Bangalore)
Kripa Gowrishankar (Azim Premiji
University, Bangalore)
Koushik Dutta (IISER Kolkata)
M.Sivakumar (University of Hyderabad,
Hyderabad)

Registration Deadline: December 26, 2022

January 9-13, 2023 Madhava Lecture

Hall

pttp@icts.res.in

https://www.icts.res.in/discussion-meeting/PTTP2023

(2022-23)





Global Initiative of Academic Networks (GIAN) is a new program in Higher Education approved by the Ministry of Human Resource Development, Govt. of India. It is aimed at tapping the talent pool of scientists and entrepreneurs, internationally to encourage their engagement with the institutes of Higher Education in India so as to augment the country's existing academic resources, accelerate the pace of quality reform, and elevate India's scientific and technological capacity to global excellence. In order to garner the best international experience into our systems of education, enable interaction of students and faculty with the best academic and industry experts from all over the world and also share their experiences and expertise to motivate people to work on Indian problems. Punjabi University, Patiala is one of the several distinguished institutes of higher education selected across India for conducting courses under this program. The University is delighted to announce the second course entitled as

Miniaturised Total Analysis Systems

(Course Code: 196051M01)

1.0 Overview:

Thirty years after the introduction of the miniaturised total analysis systems (μ TAS), also referred to as Labon a Chip, has successfully introduced microscale solutions to resolve many challenges in life sciences. Its original scope was the miniaturisation of chemical analysis systems, aiming for the creation of systems that combine the ease of use of a sensor with the richness of (bio)chemical information that only benchtop chemical analysis instrumentation can provide. The microfluidic systems underpinning the early developments of these systems, however, have found a myriad of applications beyond separation science, partially driven by the high level of geometrical commonalities between cells and cellular systems and the 50-500 μ m channels. While the scope of this lecture series is on the original analytical scope of the field, its relevance to the cell biology community is warranted by the shared underpinning physics, design, and manufacture aspects.

The Lab on a Chip research field is transdisciplinary, and hosts scientists with backgrounds ranging from physics and fluid dynamics to cell biology and neuroscience. This course provides an umbrella, providing insight in the analytical and manufacturing aspects by creating insight opportunities and restrictions in the design underpinned by physical principles of miniaturisation, microfabrication, and application. With 3D printing playing an important and growing role in the manufacture of these devices, particularly in the research prototyping, a strong focus on the different 3D printing approaches will be provided.

Objectives

The primary objectives of the course are as follows:

- i) Exposing participants to the fundamentals of microfluidics, microfabrication, and separation science
- ii) Providing an understanding of the impact of the manufacturing approach on design, integration, and cost of prototyping and upscaling,
- iii) Building in confidence and capability amongst the participants in the analysis of existing systems to reverse-engineer the application, (bio)chemical, fluid dynamic, and manufacturing-induced challenges and solutions
- iv) Providing exposure to practical problems and their solutions in Point of Care analysis
- v) Enhancing the capability of the participants in the selection of the appropriate analytical andmanufacturing path for addressing an analytical challenge with a lab on a chip solution.

(2022-23)

Annexure

GIAN Course

Miniaturised Total Analysis Systems
Lectures Schedule: January10 – January 19, 2023 (9 days)

Module	Day and Date (Jan., 2023)	Time Topic		(Resourc	
MicroTAS and lab on a chip	Day1 (10/1)	09:30 am - 10:00 am	Inauguration	Person) VC	
		10:00 am - 11:00 am	Introduction*	RG	
· ·		11:00 am - 01:00 pm	Scaling laws	RG	
		01:00 pm - 02:00 pm	LUNCH	KU	
		02:00 pm - 03:00 pm	Mixing at the microscale*	RG	
		03:00 pm - 04:00 pm	Examples	RG	
Analytical chemistry	Day 2(11/1)	10:00 am - 11:00 am	Liquid chromatography, theory and mass spectrometry	AKM	
		12:00 pm - 01:00 pm	Practical Training on HPLC	JSA	
			LUNCH	JOA	
		02:00 pm - 03:00 pm	Miniaturisation of analytical techniques	RG	
		03:00 pm - 04:00 pm	Miniaturisation of Detection*	RG	
		04:00 pm - 05:00 pm	Miniaturisation of the analytical workflow*	RG	
Electrophoresis	Day 3 (12/1) Day 4 (13/1)	10:00 am - 12:00 pm	Capillary electrophoresis and Electro-osmotic flow	PSK	
		12:00 pm - 01:00 pm	Free flow electrophoresis*	RG	
			LUNCH	110	
		02:00 pm - 03:00 pm	CE on a chip – pinched and gated injection	RG	
		10:00 am - 11:00 am	In Silico Electrophoresis*	RG	
		11:30 am - 1:00 pm	In Silico Electrophoresis tutorial	RG	
			LUNCH		
		2.00 pm – 5.00 pm	 Modelling and simulation of electrophoresis techniques: with hands-on training using open-source software. Isotachophoresis: Theory and applications 	SB	
Microfabrication	Day 5 (16/1)	10:00 am - 11:00 am	Microfabrication using clean room technology*	RG	
		11:00 am - 12:00 pm	Microfabrication by replication *	RG	
		-	LUNCH	NU	

ity, Patiala

- 5 10 10 5 14 1

7 DAYS WOLKSH

Capt. Dr. Bhupinder Singh Pair

Dr. Nishan Singh Deal

Mr. Kamal Ali Khan

Dr. Jashir Singh

Dr. Baljinder Singh

Areas will be nover under this workship

- General Introduction of Athlet
- Marking of Athletic

- Current Schools in America Current Schools

Dr. Rupinder Singh

Mr. Paramjit Singh Rana

Wir. Bashpal Singh

Registration Foos:

DR. GEETA THAKUR Workshop Director

untaer : 8 (-94-5-120), 97-905-81720 £-meil (-800-957-8-20)06.com



(2022-23)









7 DAYS WORKSHOP ON ATHLETICS

(8" TO 14" FEBRUARY, 2023)

ORGANIZED BY:

AKAL COLLEGE OF PHYSICAL EDUCATION

MASTUANA SAHIB, SANGRUR (PB.)

In Collaboration with

Punjabi University, Patiala

Akal College Council, Gursagar Mastuana Sahib

Physical Education Foundation of India (PEFI)

Indian Association of Sports Medicine (IASM)

International Federation of Physical Education, Fitness & Sports (IFPEFS)







(2022-23)





TEACHING LEARNING CENTRE

RAMANUJAN COLLEGE

(ACCREDITED GRADE 'A++' BY NAAC)

UNIVERSITY OF DELHI

under the aegis of the

PANDIT MADAN MOHAN MALAVIYA NATIONAL MISSION ON TEACHERS AND TEACHING MINISTRY OF EDUCATION

is organising an

Online Induction Training/
Orientation Programme for Faculty
in Universities/Colleges/
Institutions of Higher Education
20 July - 18 August 2022

Call for Registration

Participation



Govt of India







IQAC, Ramjas College (University of Delhi)

in collaboration with

Mahatma Hansraj Faculty Development Centre

(A Centre of MoE, Govt. of India, under PMMMNMTT Scheme)

Hansraj College (University of Delhi) organises ONE WEEK ONLINE

FACULTY DEVELOPMENT PROGRAMME

"Principles of Radiation Detection and Measurement and Experimental Techniques"



Hansraj College

(NAAC A+ CGPA3.62, NIRF Rank #14) University of Delhi Malka Ganj, Delhi-110007 https://www.hansrajcollege.ac.in 3 - 9 April, 2023

1:00 PM - 4:30 PM

Register here: https://bit.ly/3koV4rB

or scan





Ramjas College

(NIRF Rank #66) University of Delhi University Enclave, Delhi: 110007 https://www.ramjas.du.ac.in













Advances in Characterization of Materials (2022-23) 12.09.2022 - 18.09.2022









Department of Science and Technology (DST) Funded

"-days workshop a

Training and Workshop on Venue - Applied Physics Department, MSU 12th-18th, September 2022

Synergistic Training program Utilizing the Scientific and Technological Infrastructure! (STUTI)



Faculty of Tech & Engg

The postgraduate course in applied physics is one of its kind which is offered in very few universities across the country. The department comprises of various tesearch groups working in the fields of conmused matter physics, applied optics and photomes, languescence, theoretical physics, nano-crystalline alloys, laser diodes, fluorescent and display materials etc. They have made contributions in their respecave fields through publications in internationally acclaimed Journals The department has received major research funding from various Govt of India funding agencies like UGC. DST. AICTE. DAE etc. Through these research projects many new state of the art equip have been procured

- Manmum qualification Post Graduate (Science) or B Tech/B I Technology/Engineering) Professiona/Scientiste/Post-Doc Fellows/Ph D. Fellows/Industry persons who are actived unvelved in R & D.

Registration Deadline 31th August 2022 Shortlisted candidates will be intimated by email latest by 1st Sept 2022

Fraining and Workshop: 12th to 18th September 2022

Overview of STUTI

mes all their participants for the workshop of AD-VANCES IN CHARACTERIZATION OF MATERIALS OF COLUMN CONTROL OF COLUMN COLU nized under STUTI. The STUTI program envisions hand-ontraining and sensitization of the state-of-the-art equipment as well as towards sharing while ensuring transparent access to S & T facilities DST has identified Applied Physics Department, FTE MSU to organize the STUTT program

This workshop aims to provide an insight into the functioning the VRD DSC UV-Vis Digital Holography etc The participants will be introduced to the basics of characterization techniques, instrumentation and digital imaging and analysis. The participants will be provided hand-on experience of the various technique and will have a chance to interact with the subject experts and analyze their own sample (with prior approval). Ob ective of Workshop

To conduct a 7-day long program aimed to provide h training to the participants on DST funded instruments to promote the expansion of R&D Infrastructure at academic instantions by aring transparent access to S&T facilities. STUTI program is also intended to build human resources and its knowledge capaci ty through open access of S&T Intrastructure across the country The focus will be on Scientists/ Professors/ PuDs and Post Doc Fellows actively involved in research across various institu





- It is essential that the STUTT training include both theore call and practical sessions in which topic experts give indepth knowledge of the instrument and its applications
- Faculty/experts will be engaged to demonstrate their knowledge of the subject and give appropriate study material to participants, along with an introduction to the instrument's fundamentals
- Participants will be allowed to use the lab facilities and also be allowed to bring their research samples for examination/ characterization from the existing S&T facilities

Outcome of the Workshop

By the end of the workshop, the participants will be able to Practice good laboratory methods for sample preparation and its preservation. Design of experiments for a thorough understanding of step by step activities. Understanding the basic operations of the instruments and know-how to operate, troubleshoot along with maintenance of the instrument. Critical evaluation of the experimental approaches and data analysis



Dr. P. K. Kuhrsa Associate Professor at School of Physical Sciences Jawahar Lal Nehru University.



Professor at Department of Physics, Elec-tropics and Space Science, Gujavat Uni-versity, Ahmedabad.



by Aren Agents of Colored Press. A St. Leaf Colored Press. By attended, Canada of Colored Say also been needed. The Malay and Market Say also Branks, as 1860.

Prof. Prafulla K Jha Professor at Department of Physics, Fac-ulty of Science: The Maharaja Sayajiran University of Baroda, Vailodara.

Content of Workshop

- Day I-Session I
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- Franchisch of Year Charles Navan (clin VId) (who again
- * In the York York top of the Day 3—Session III
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- 1 and a report XRD ansaumentation (1 for • Day 4—Session IV
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- Day 6-Session VI
- Advances/Applications in 3-D Microscope Set up for Digital Holography (Lab)
- Set up for 3-D Microscopy (Lab) 7-Session VII
- Fundamentals of Baman spectro
- Analysis of participant's sample (VRD) (Lab)
- Analysis of participant's sample (DSC) (Lub)

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- interested participants must register and only selected can-didates would be invited for the workshop
- For selected candidates Registration Fee, local travel, Boarding and lodging will be covered by INT/Applied Physics Department
- Interested participant should register through the following

Applied Physics Department Faculty of Technology and Engineering The Maharaja Savajiras University of I Vadodara, 590 007











Department of Science & Technology Govt, of India

Application Deadline: 15 June 2023

via the given link. Only 40 candidates

are allowed to attend the training

program.

same institute.

via registered email.

by the host institute.

as per rules of DST, Govt. of India.

One-week Training Program on

"Advanced Training Program on Experimental & Simulation Techniques for Materials Science" 21-27 June 2023

Organized by

Department of Applied Sciences, HIT Allahabad, Prayagraj, U.P.

In association with

Banasthali Vidyapith, Rajasthan

Under the scheme

Synergistic Training Program Utilizing the Scientific and Technological Infrastructure (STUTI) Department of Science and Technology (DST), Government of India.

Chief Patron

Prof. Mukul Sharad Sutaone (Director, IIITA)

Patron

Prof. Ina Aditya Shastri, (Vice Chancellor, Banasthali Vidyapith)

Chairperson

Prof. Satish K Singh (Registrar IIITA)

Prof. Manish Goswami

(Dean R&D, IIITA)

Dr. Ratan K Saha (HoD AS, IIITA)

Secretary

Dr. Akhilesh Tiwari

Dr. Pramod Kumar

(Department of Applied Science)

Convener

Dr. Upendra Kumar (Department of Applied Science)

Coordinators

Dr. P.A. Alvi

(PMU Coordinator)

Dr. Saral K. Gupta

Dr. C. M. S. Negi

Banasthali Vidyapith, Rajasthan

Contact

Dr. Upendra Kumar +91-9936206263

Dr. Pramod Kumar +91-9616626504

Ms. Manisha +91-9756606100

Email:

dststutiiiita@gmail.com

lligibility:

aculty Members, Doctoral and Post-Doctoral https://forms.gle/SMrPmKvE8z8iFEfo6 udents, Scientist, Post graduate students of basic iences, and its allied areas.

About STUTI Program

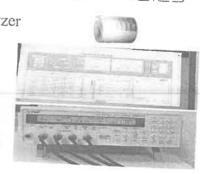
Registration and Other information: The Scheme "Synergistic Training Program Utilizing the Scientific and * Interested candidates need to register Infrastructure" (STUTI) is intended to build human resources and its knowledge capacity through open access S & T * Only 3 candidates are allowed from the Infrastructure across the country. As a complement to the various schemes of * Selected candidates will be informed DST funding for expansion of R & D Infrastructure at academic institution.
\$\text{\$^{\chi}\$ Lodging and boarding will be provided}\$ STUTI schemes envisions a hands-on training program and sensitization of * TA: 2nd class sleeper Train or Bus fare the state-of-the-art equipment as well as towards sharing while ensuring transparent access of S & T facilities.

Topics to be Covered

- > X-ray diffraction
- ➤ Impedance analysis
- ➤ Hall Effect
- > Photonics and Metamaterials
- Density Functional Theory
- ➤ COMSOL Multiphysics
- ➤ Raman Spectroscopy
- > Vector Network Analyzer



DENSITY FUNCTIONAL THEORY



OMSOL





For Free Registration Scan QR Code









DST-STUTI Training Program

ON

EXPERIMENTAL AND SIMULATION TECHNIQUES FOR MATERIALS SCIENCE

21-27 JUNE, 2023

JOINTLY ORGANIZED BY

DEPARTMENT OF APPLIED SCIENCES, INDIAN INSTITUTE OF INFORMATION TECHNOLOGY ALLAHABAD, PRAYAGRAJ

&

BANASTHALI VIDYAPITH, RAJASTHAN

. Under the scheme

Synergistic Training Program Utilizing the Scientific and Technological Infrastructure (STUTI) Department of Science and Technology (DST), Government of India.

Minute - to - Minute Program

Date: 21st June 2023 (Wednesday)

TIME	DD C are
	PROGRAM
09:00 AM	Venue: Room No. 5055, CC-3
	Registration (Distribution of registration kit)
09:30 AM	
09:35 AM	Start of Inaugural
ON TOO PAIN	Welcome of the Guests
09:40 AM	
00.45 435	Lighting of the lamp
09:45 AM	Introduction and Welcome Address by convener Dr. Upendra Kumar
09:50 AM	Nadiess by convener Dr. Upendra Kumar
	Address by HoD-AS (Dr. Ratan K Saha)
09:55 AM	Address by Dean A & R (Prof. Manish Goswami)
10:00 AM	Address by PMI C. "
10:05 AM	Address by PMU Coordinator (Prof. P A Alvi)
10:10 AM	Address by Secretary Dr. Akhilesh Tiwari
0:15 AM	The state of Honor, Prof. Satish K. Single (Cl.)
	Address by Chief Guest, Prof. Mukul Sharad Sutaone (Director, HIT Allahabad)
10:20 AM	Address and TV
10:25 AM	Address and Vote of Thanks by Dr. Pramod Kumar
	Group Photograph
10:30 AM	
	Tea Break



Program Schedule

One-Week Advanced Training Program on Experimental and Simulation Techniques for Materials Science

21st to 27th June 2023 (Room No- 5055, CC-3)

Day o	S TISO AND	11:30- 11:45 AN	11:45-01:15 PM	01:15- 3:00 PM	3:00-4:30 PM	4:30- 4:45	4:45-6:15 PM	
Wednesd 21/06/20	ay, 9:30-10:00 AM Inaugural Session		Lecture-2, Prof. P · Kumar			PM		
	Lecture-1, Prof. Akhilesh Tiwari, IIIT A		Quasi 2D materials and its applications		Demonstration on COMSOL Multiphysics		Demonstration on COMSOL Multiphysics	
Thursday	Photonics Crystal & Metamaterials Lecture-3, Dr.						- Tuniphy sics	
22/06/2023			Lecture-4, Dr. Upendra Kumar, IIITA		Demo 1 for Group-1		Demo 1 for Group-1	
	Recent Advanced Simulation, Modeling, and Experimental Techniques for Flexible Transistors Using Novel Materials.		XRD and its application in Materials Characterization		Demo 2 for Group-2 Demo 3 for Group-3		Demo 2 for Group-2 Demo 3 for Group-3	
Friday, 23/06/2023	Lecture-5, K. N. Uttam, Allahabad University	ᅺ	Lecture-6 Dr. Prem Prakash, ECC College		Demo 2 for Group-1		Demo 2 for Group-1	
Saturday,	Spectroscopic Characterization	Tea-Break	Silicon Optical MEMS devices	Lunch	Demo 3 for Group-2 Demo 1 for Group-3		Demo 3 for Group-2 Demo 1 for Group-3 Demo 3 for Group-1 Demo 1 for Group-2 Demo 2 for Group-3	
24/06/2023	Lecture-7, Prof Prabhakar Singh, IIT	E	Lecture-8, Dr. Sanjay Singh,	Lu	Demo 3 for Group-1 Demo 1 for Group-2 Demo 2 for Group-3			
	BHU Conductivity Spectroscopy		Thermoelectric materials: An ab-	1				
Sunday, 5/06/2023	Lecture-9, Dr. Piyush K Sonkar, BHU Varanasi	-	initio approach Lecture-10, Prof. S. N. Pandey,	-	Lecture-II, Dr. Sanjay Singh,		Lecture-12,	
-	Electrochemical		MNNIT Allahabad Supercapacitor		SMST IIT BHU		LCR meter and its	
Monday,	Sensor Lecture-13, Prof.				Understanding the atomic ordering and magnetic structure: Fundamental and		application	
6/06/2023	Animesh Ojha, MNNIT Allahabad Raman Spectroscopy	1	Lecture-14, Prof. K. P. Singh, IIITA Machine Learning	1	analysis tool Demonstration on Machine Learning Approach for materials Science		Demonstration on Machine Learning Approach for materials	
uesday, /06/2023	Demonstration on	I	in Materials Science Demonstration on				Science	
- 5,2023	Electrochemical Measurement		Electrochemical Measurement	De	emonstration on an b-initio approach using DFT		Demonstration on an ab-initio approach using DFT	

^{*}Demonstration on experimental set-up will be carried out on rotation basis, for example Group 1 performed their Hands-on on Thursday will be shifted to XRD on next day and so-on.

Demo 1: Demonstration on Hall measurements, Mr. Sanjay Sharma

Demo 2: Demonstration on LCR measurement, Dr. Upendra Kumar

Demo 3: Demonstration on XRD Analysis, Ms. Vidushi Gautam and Manisha Jatiya



MINI PHYSICS TRAINING AND TALENT SEARCH PROGRAM (PTTS) 2023



IF YOU ARE AN UNDERGRADUATE PHYSICS STUDENT INTERESTED IN PURSUING RESEARCH, THEN THIS PROGRAM IS FOR YOU!

There will be a 5-day Mini-Physics Training and Talent Search (PTTS) program, with emphasis on active learning for Physics students from Gokhale Education Society's, H.P.T. Arts & R.Y.K. Science College, Nashik, Maharashtra. The candidates who complete the course successfully will receive certificates.

PROGRAMME DETAILS

Eligibility : Undergraduate (S.Y.B.Sc. & T.Y.B.Sc.) Physics Students Number of Participants : 50

Venue : Department of Physics, H.P.T. Arts & R.Y.K. Science

College, Nashik, Maharashtra

Dates : 17th March (Friday) -21st March (Tuesday), 2023 Time

10.00 am to 5.00 pm

Subjects Quantum Mechanics, Statistical Mechanics & Experimental

Registration Fees : No charges

REGISTRATION DETAILS

1. Register by filling up the Google Form . The link will be open from 6th March to 7th March 2023. Registration Link: http://surl.li/ffbsp

2. Registered applicants will receive a link on 8th March 2023, at 12.00 pm via registered email for a 30 minutes exam via a Google form containing multiple choice questions on the basics of quantum mechanics & statistical physics.

SELECTION DETAILS

- 1. It will be based on the academic performance in B.Sc. and performance in MCQ Exam.
- 2. List of selected candidate will be displayed on 11th March 2023.
- 3. Detailed information of Programme will be given to selected students on 13th March 2023.

For further details contact Local Coordinator:

Mr. Dheeraj Dhiman, Department of Physics, H.P.T. Arts & R.Y.K. Science College, Nashik-05. Email id: dheerajd123@gmail.com

This program is funded by the Infosys Science Foundation, through Physics Training & Talent Search (PTTS)-23 hosted by Ahmedabad University.

For more information on PTTS program please visit https://www.ptts.org.in

Infosys Science Foundation

National Coordinators:

Dr. M. Sivakumar (Chief Coordinator) University of Hyderabad

Dr. Raghavan Rangarajan; Ahmedabad University

Dr. S. V. M. Satyanarayana, Pondicherry University.





S.D COLLEGE BARNALA IQAC

In association with NSS Wing
Organises
Faculty Lecture
Date. 24/5/2023 Time 10.30 a.m

TOPIC: JOURNEY OF LEARNING THROUGH SERVICE

KEY SPEAKER: DR. REETU AGGARWAL (NSS COORDINATOR)

DEPARTMENT OF ENGLISH

S.D COLLEGE BARNALA



S.D COLLEGE BARNALA

IQAC

in association with

Commerce Department

Organises

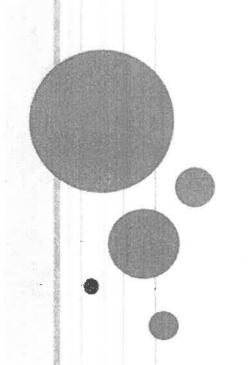
Faculty Lecture

Date. 24/5/2023 Time. 12 p.m

Topic: Residence & Tax Planning

Key Speaker: Prof. Amrish Garg (H.O.D)

Department of Commerce





S.D COLLEGE BARNALA IQAC

in association with
Department of Computer Application
organises

Faculty Lecture
Date. 25-05-2023
Time. 10.30 a.m

Topic: Cyber Crime & Cyber Security

Key Speaker: Prof. Amandeep Kaur and Prof Shipali

Department of Computer Application



S.D COLLEGE BARNALA IQAC in association with Department of M.L.M.D.T organises

Faculty Lecture
Date. 25-05-2023 Time. 12 p.m

Topic: Know Your Health through Medical

Tests

Key Speaker: Dr. Vandana Kukreja

Department of M.L.M.D.T



S.D COLLEGE BARNALA

IQAC in association with Department of Biology organises

Faculty Lecture
Date. 27-05-2023 Time. 10.30 a.m

Topic: Medicinal Plants & their

Importance

Key Speaker: Dr. Manish Kumar

Department of Biology



S.D COLLEGE BARNALA IQAC in association with Department of J.M.C organises

Faculty Lecture
Date. 27-05-2023 Time. 12 p.m

Topic: Media Literacy: Fake News &

information

Key Speaker: Prof. Gurparvesh Singh

Department of JMC



S.D COLLEGE BARNALA IQAC in association with

Department of Software Development organises

Faculty Lecture
Date. 30-05-2023 Time.10.30 a.m

Topic: Chat GPT

Key Speaker: Prof. Gaurav Singla and Prof. Sahil Garg

Department of B.Voc. (Software Development)



S.D COLLEGE BARNALA IQAC in association with

Department of Political Science organises

Faculty Lecture

Date. 30-05-2023 Time. 12 p.m

Topic: AAP's One Year Performance in Punjab:

An Overview.

Key Speaker: Prof. Shoaib Zafar

Department of Political Science

