





INSIGHT TO RUSA JOURNEY



SRI GURU GOBIND SINGH COLLEGE SECTOR-26, CHANDIGARH

ACTIVITIES CONDUCTED UNDER CAPACITY BUILDING PROGRAMMES

One-day Capacity Building Workshop of Non-teaching staff (March 16, 2016)



One-day capacity Building workshop of Non-teaching staff under the aegis of Rashtriya Uchchatar Shiksha Abhiyan (RUSA) held on March 16, 2016 in Sri Guru Gobind Singh College, Sector-26, Chandigarh. Principal, Prof. Kuldip Singh welcomed the key speakers and non-teaching staff members from all local colleges located in Chandigarh, Mohali and Panchkula for attending this workshop. Gurpreet Singh, Superintendent of the college appreciated the efforts put in by Ministry of Human Resources Development, Govt. Of India for providing opportunity to conduct this workshop under the aegis of Rashtriya Uchchatar Shiksha Abhiyan (RUSA). Mr. Jatender Kumar and Dr. Gurcharan Singh Gill acted as key speaker in workshop. Mr. Jatender Kumar has taken three technical Sessions comprising of use of Microsoft Word, Excel and Power point in office automation. Dr. Gill explained various fitness techniques for office staff due to their long working hours.

One Week Faculty Training Programme on 'PowerPoint' For Teaching Staff (March 15-22, 2016)

A seven days faculty training programme on 'PowerPoint- The Preparation & Presentation' for teaching faculty held from March 15-22, 2016, under the aegis of Rashtriya Uchchetar Shiksha Abhiyan (RUSA), Ministry of Human Resource and Development, Govt of India. It was conducted at PG Department of Computer Science.

Remedial & UGC NET Classes

Remedial Classes for Students of Undergraduate classes were organized from 15th March 2016 to 29th March 2016. UGC Net Classes for Post Graduate students were conducted from 15th March 2016 to 29th March 2016. Preparatory Classes for UGC-NET were organized in seven PG departments viz. Bio-technology, Commerce, Computer Science, Economics, English, Maths, Zoology. Remedial Classes were organized for slow learners and students belonging to economically weaker sections, SC, BC and OBC: BA I (English and Maths), B. Sc I & II (Botany, Chemistry, Computer Science, Physics, Maths, Zoology), B Com I (Financial Accounting and Business Law), BCA I ('C' Language and Maths). Furthermore, Free UGC/CSIR NET Classes for 10 Postgraduate courses of Science, Arts and Commerce and Remedial Classes for slow learners of First Year Undergraduate students were organized from Feb 22 to Mar 31, 2017 for the benefit of the students.

One-Day Workshop on Building Digital Library Using Greenstone Digital Library (GSDL) Software (January 12, 2017)

A One-Day Workshop on Building Digital Library Using Greenstone Digital Library (GSDL) Software was organized by Bhai Kahan Singh Nabha Library under the aegis of RUSA on Jan 12, 2017. More than 60 library professionals from local, neighbouring and remote colleges and universities participated. Dr Preeti Mahajan, Professor, Dept. of Library and Information Science, PU was the Chief Guest. Dr Masoom Raja, Associate Professor, Dept. of Library and Information Science, Aligarh Muslim University, was the Key Note Speaker.



Dr Neeraj Kumar Singh, Assistant Librarian, AC Joshi Library, PU organised Hands-on Technical Session of Greenstone Digital Library Software. Dr Anita Chhatwal (Librarian) was the convenor of the workshop.

Two-day workshop on Development of Laboratory Maintenance Skills for the Lab Staff

A two-day workshop on Development of Laboratory Maintenance Skills for the Lab Staff was organized by PG Dept. of Chemistry and Dept. of Physics alongwith various Science Departments under the aegis of RUSA. It was held from Jan 20-21, 2017 and was attended by 33 laboratory staff members from various local colleges. Dr Narender Anchal, Associate Professor and Head, Dept. of Chemistry, PGGCG-42, was the Keynote Speaker. Dr AP Singh (Dept. of Zoology), Dr Kuljeet Singh Chakkal and Mr Randhir Singh (Dept. of Physics), Dr Manik Gupta (PG Dept. of Chemistry), Dr Kanwalpreet Kaur (Dept. of Botany) and Ms Anu Kaul (PG Dept. of Computer Science) were the resource persons.



Ms Satinder Kaur (Dept. of Physics), Dean Sciences was the organiser and MsSarabjeet Kaur, HOD (PG Dept. of Chemistry) was the coordinator.

One Day Workshop on Communicative Skills and Public Speaking (January 24, 2017) One Day Workshop on Communicative Skills and Public Speaking was organized under the aegis of RUSA on Jan 24, 2017. It was attended by over 200 students and 30 faculty members from different streams of the College.



Dr Shad Ahmad Khan (Gaeddu College of Commerce and Management, Royal University of Bhutan) and Ms Namrata Pawar (RIE Sec 32, Chd) were the resource

persons. Dr Chanchal Narang, Assistant Professor in English, UILS, PU Chd was the Chief Guest. Dr Kanwaljit Kaur Marwaha (PG Dept. of Economics) was the convenor.

One Day Workshop on Research Talk and Presentation (Jan25, 2017)

PG Dept. of Commerce under the aegis of RUSA organized a One Day Workshop on Research Talk and Presentation on Jan 25, 2017. It was attended by more than 30 students and 25 faculty members. Dr Shad Ahmad Khan, a Senior Lecturer from Gaeddu College of Commerce and Management, Royal University of Bhutan, was the Keynote Speaker. He apprised the participants about the concepts and benefits of research in enhancing their research aptitude and skills.



S Gurdev Singh Brar, President SES and Col JS Bala, Secretary SES graced the occasion with their presence. Dr Tejinder Singh Brar, HOD (PG Dept. of Commerce) was the convenor.

Seven-day FDP on Research Methodology and Project Development (Feb 25 - Mar 4, 2017)

A seven-day FDP on Research Methodology and Project Development from Feb 25 - Mar 4, 2017 was organized under the aegis of RUSA. It was attended by 36 participants from various departments of the College along with other local colleges of tricity. During this FDP, participants were exposed to series of lectures and technical-cum-interactive sessions. Eminent academicians and researchers of the universities and colleges were invited to cover major topics like Subject Based Education Research, Research Methodology, Content Analysis, Methods of Data Collection, Questionnaire Development, Use of SPSS Software for Data Analysis and Interpretation, Preparation of Histograms, Drawing Curve Diagrams, Pie Charts, Excel Sheet, Research Project Development, Technicalities of Writing Research Project, Extra Mural Research, Thinking Skills for Research, Data Retrieval from online E-Resources, Publishing Research in High Impact Journals and Plagiarism in Academia its Prevention and Control. FDP was inaugurated by Dr PK Ahluwalia, retired Professor of Physics, HP University, Shimla. Dr Sanjay Kaushik, Honorary Director, ICSSR PU Chd, gave away certificates to the participants during valedictory. Some of the prominent resource persons who were invited included: Dr SK Chadha (Chairperson, UBS PU), Dr DK Madaan (Professor of Economics and Head, School of Social Sciences, Pbi Univ Patiala), Dr Suresh Sharma (Chairperson, Dept. of System Biology PU), Dr Rajesh Kumar Aggarwal (CRRID Chd), Dr Vikas Sharma (PGGCG-42 Chd), Dr Satish Verma (Prof in Economics PU), Dr Krishan Mohan (Professor, Dept. of Geography PU), Dr Sanjiv Puri (Professor in Biotechnology, UIET PU), Dr KS Bath (Principal Scientific Officer–Science Communications, PSCST Chd) and Dr Neeraj Kumar (Asstt Librarian PU). Dr AP Singh (PG Dept. of Zoology) was coordinator of the FDP.

Seven-Day FDP on E-Skills Empowerment of Faculty (Mar 15 - 21, 2017)

PG Dept. of Computer Science under the aegis of RUSA organized a 7 Day FDP on E-Skills Empowerment of Faculty (Teaching and Non-Teaching) from Mar 15 - 21, 2017. A total of 38 faculty members from colleges of Chandigarh and Punjab participated. Dr Satish Kumar, Principal Scientist, CSIO Chd inaugurated and delivered the Keynote

Address on 'E-Skills: A Perspective'. Dr Sonal Chawla, Professor, Dept. of Computer Science and Applications, PU Chd was the Guest of Honour. She spoke on 'E-Skills: Opportunities and Challenges'. Prominent resource persons invited for the FDP included - Dr Neeraj Kumar Singh (Asstt Librarian, PU Chd) who spoke on 'Open Access Resources and E-Learning'. He also held a hands-on technical MsSarashtyGodara (Asstt Manager, SBI, Sect 26 Branch, Chd) organised a hands-on technical session on Net Banking and Payment Gateways; and Dr Vikas Sharma (Asstt Professor in Bioinformatics, PGGCG 42 Chd) held a "Hands-on workshop on Access of E-Portals'. Prof Neha Saini (E-Mails), Prof Seema Sharma (Search Engines), Prof Manpreet Kaur (Payment Gateways), Mr Kapil Kaushik (Installation of Projector), Divya Bhalla (Social Networking Sites) and Ms Anuradha Saini (Data Entry into Excel Spread sheet, Preparation of Histogram, Pie Chart etc.) from the department deliberated on respective topics and also organised technical sessions. Participants also visited Butterfly Park as part of FDP. Ms Gurpreet Kaur, HOD (PG Dept. of Computer Science) was the convenor and Dr AP Singh (PG Dept. of Zoology) was the coordinator.

Capacity Building Workshop on Cultural Transformation and Rejuvenation (Feb 12, 2019)

To commemorate the 550thBirth Anniversary of Sri Guru Nanak Dev Ji, Faculty of Languages and Department of History organized a Capacity Building Workshop on Cultural Transformation and Rejuvenation 'Mann Neva Matt Ucchi' on Feb 12, 2019 under the aegis of RUSA. Rubinderjit Singh Brar, PCS, Director Higher Education, Chandigarh Administration was the chief guest on the occasion. Session I titled 'Pawan Guru Paani Pita, Mata Dhart Mahat' was an interactive work by Ecosikh, an international organization committed to environment awareness in consonance with Guru Nanak Devji's ideology. Session II titled 'Saachi Baani Meethi Amrit Dhaar' was an inspirational workshop on rejuvenating the young minds through Gurbani by Dr. Harshinder Kaur, a pediatrician, Punjabi writer and activist.



Session III titled 'Raag rattan parya parwaar, Tisu vichi upjai amritu saar' was a mesmerizing spiritual experience through Raag Ratan by Bhai Baldeep Singh, a direct descendant of Guru Nanak's disciple, Bhai Sadharan. Special feature of the workshop included a 'Plant a Sapling Initiative'. The workshop was attended in large numbers by the students and Faculty members of all colleges of the tricity. The college students were actively involved in organizing the event.

UTILIZATION OF RUSA GRANT

CATEGORY: NEW CONSTRUCTION

Sanctioned Amount: Rs. 70 Lakhs Amount Spent: Rs. 69.63 Lakhs

• The Sri Guru Gobind Singh College has been a formidable reputation in the field of sports and have won the prestigious Sir Shadi Lal Trophy consecutively for over a decade. The RUSA Infrastructural grant has allowed the college to further enhance the quality of sports infrastructure. The state-of-art basket-ball and lawn tennis courts have been constructed by utilizing the RUSA Infrastructural Grant. It aims to facilitate excellence and performance in sports by improvement of quality. The addition of these newly constructed courts to the existing sports infrastructure will further boost the capability of the college to produce remarkable sports persons.



• The two classrooms has also been constructed from the RUSA Infrastructural Grant. These will add to the already existing infrastructure and will cater to growth in terms of course addition as well the rise in the number of student

enrolments.



CATEGORY: RENOVATION/UPGRADATION

Sanctioned Amount; Rs 70 Lakhs Amount Spent: Rs 69.97 Lakhs

An amount of Rs. 70 Lakhs was assigned for the Renovation/Upgradation under the RUSA Infrastructural Grant. The financial assistance by RUSA under this category was used to renovate and upgrade the already existing resources/infrastructure of the college.

• Significant and rapid makeover has been accomplished resulting in the strengthening of infrastructure, multimedia and physical facilities, especially in library, science laboratories, conference/meeting halls amongst various sites of the college.





 Renovation of various furniture items; repair and maintenance of lab equipment, installation of blinds in Library, Computer Lab, Principal Office; POP, White-Wash and Wallpaper in Library have been undertaken.





Installation of Blinds (Principal Office)/ Wallpaper In Library





Polishing of Furniture and other Repairs

- Furthermore, wall mounted storage cabinets were installed in the Chemistry and Zoology departments. Procurement of water cooler, sanitary napkin vending machine has been done as a part of continuous and regular upgradation of basic student amenities.
- Fencing of the outer boundary wall of the college has also been undertaken using the RUSA grant to further secure the periphery of the Sri Guru Gobind Singh College campus. The safety and security of an educational institute is of utmost importance and vital for the peaceful learning environment.



• The Bhai Kahan Singh Nabha Library of the college is upgraded further with the procurement of two linear modular workstations (four seater) and Ten All in One Desktops (Core i7-7700) as part of Refurbishment and Digitization of library.



The financial assistance from RUSA has a significant role in the rapid and remarkable transformation of the library.

 Various Science Labs and staff-rooms were refurnished by changing the floor tiles to give a modern and clean outlook. These labs can be utilized by both students and faculty to further their academic and research interests



Quality ambience is of vital importance in sustaining the interest of various stakeholders in the pursuit of knowledge.

- There has been surge in use of multimedia within the education sector as a tool of educational technology in recent years and is likely to stay in the future. Teachers primarily require access to these learning resources, which can augment concept development to meet individual learning needs. The development of multimedia technologies for learning offers new ways in which learning can take place. In the wake of such demand, RUSA grant has been utilized to upgrade the multimedia facilities. It has been realized with help of procurement of two touchscreen HD-LED Interactive Display equipment (4K), smart digital podium (01), multimedia projectors (02).
- These will be used in various conference/meeting halls in the SGGS College campus. Furthermore, eight interactive smart boards have been procured in order to upgrade the existing classrooms and laboratories as per the demands evolving in the education system during this era of information technology.







• These smart classrooms and laboratories play significant role in catering the needs of stakeholders and enrich the teaching and learning experience.

CATEGORY: EQUIPMENT

Sanctioned Amount: Rs. 60 Lakhs. Spent Amount: Rs. 59.95 Lakhs.

A total of Rupees 60 Lac/- allocated for equipment head under the RUSA infrastructural grant have been utilized primarily to accounts for the needs of teaching, learning and administrative stakeholders in the age of computers and technology.

• The purchase of SLIM21 Library Management Software will be instrumental in Library Automation.

• Gatta Cutting Machine is also procured for the library as per the requirement.





- The power backup requirement of Computer Science and Biotech departments for the labs have been met by purchasing of two 10 kVA UPS from the RUSA equipment grant.
- Latest Lab equipment/apparatus for the various laboratories of the respective departments of Chemistry, Physics and Life Sciences (Zoology and Botany) have been procured to meet the continuously evolving demands of the practical teaching and learning methods. The lab equipment is the backbone of the science teaching and provide for learning by doing.
 - Science lab equipment allows students to interact directly with the data gathered. They get a first-hand learning experience by performing various experiments.
 - The procurement under RUSA has also helped the respective labs to evolve as per the needs of the latest syllabi and replacement of outdated apparatus.
 - Some of the lab equipment purchased with the RUSA grant includes various types of microscopes, magnetic stirrers, fume-hoods, muffle

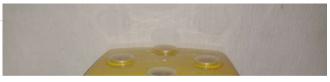
furnace, single stage vacuum pump, digital water-baths, laminar airflow, bacteriological incubator, microwave oven ,electrophoresis unit, autoclave sterilizers, micro-centrifuge, conductivity meters, Hall effect setup, Geiger-Muller counter setup, CROs, digital Oscilloscopes, digital Multimeters, high precision weighing balances, electronic characteristics kits , He-Ne laser , Fresnel Biprism setup etc.















Two HD-LED Televisions have been procured to aidsurveillance and visualization of the real time video output from the CCTV cameras installed in the college campus.



 To account for the professional work pertaining to record keeping and other administrative work, one Multifunction photocopier, ten printers, four MFPs, two ink-tank printers, three scanners have been procured to fulfill the requirements of various offices in the college.



 Thirty All-in-One computers and three laptops have also been purchased under equipment section of RUSA Infrastructural grant and allocated to various heads and office-in-charges to aid teaching/administrative work. These tools greatly enhance the efficiency and quality of the day-to-day work, help in better record keeping and communication amongst the co-workers. These procurements have brought a remarkable change in the working of these offices.



• In addition, five more desktop computers have been recently added to account for the enhanced online/computer work during the Covid-19 situation.

 Furthermore, server has been procured and installed under the supervision of system manager for the purpose of Wi-Fi upgradation, automation and data management.





- To facilitate comfortable seating for the faculty, thirty office chairs were procured.
- In order to aid the cleaning and maintain tidiness floor scrubber cleaner machine, vacuum cleaner, napkin incinerator have been bought from the financial assistance provided by RUSA.



SUMMARY

The Sri Guru Gobind Singh College, Sector-26, Chandigarh has received the RUSA Infrastructural grant amounting to Rs 2 crore/-. The financial grant received from RUSA have aided the college to significantly pace up the new constructions, procurement of equipment, renovation and upgradation work of the infrastructure. Summary of some major works carried out with the help of financial assistance as per the Government of India, MHRD guidelines are as below:

- 1. Construction of new basketball and lawn-tennis courts in the campus.
- 2. Construction of two new classrooms
- 3. Renovation and upgradation of Library.
- 4. Digitization of Library.
- 5. Renovation of laboratories and staff-rooms in Department of Chemistry, Physics, Zoology, Botany and Library.
- 6. Strengthening of IT facilities in all the Departments and administrative offices.
- 7. Procurement of equipment in Department of Chemistry, Physics, Zoology, Botany and Library.
- 8. Fabrication and installation of MS grill fencing on the outer boundary wall of the college.
- 9. Upgradation of multimedia facilities.
- 10. Procurement of equipment for cleaning/sanitation purpose.
- 11. Addition of basic amenities.

The RUSA aid has helped in the improvement in overall infrastructure and enhancement of capacity of the college. It has resulted in major campus upgradation and improvement in techniques for imparting education. The multimedia tools have enriched and expanded the mode of teaching. The addition of these tools in conjunction with traditional methods provides impetus to the teaching-learning process. It has resulted in updation of technical and IT skills of both students as well as teachers, which came particularly handy during the Covid-19. The process of imparting quality education has been given a boost by the accumulation of necessary equipment and tools under the aegis

of RUSA.Renovation and digitization of Kahan Singh Nabha Library has aided the enrichment of learning resources as per the present scenario. The sports infrastructure of the college was further augmented through construction of basketball and lawn-tennis court. Strengthening of IT facilities was particularly useful in smooth function of various offices and timely execution of administrative duties. The other record keeping and data preservation capability is also enhanced with procurement of computers, scanner and printers. The accessibility to gain information has also improved. The campus has benefited from various procurement and upgradation/renovation projects. The safety and security procedures have been made further effective through fencing and installation of visual display of CCTV data.

FEEDBACK

The feedback received from various stakeholders has been appreciative of the changes and transformation of the college infrastructure and facilities supported by the financial assistance from RUSA infrastructural grant. The improved IT infrastructure has helped in better coordination and communication amongst teaching as well as non-teaching staff. The positive feedback from students is indicative of the benefits of the new laboratory apparatus and upgradation of labs. Both teachers and students have shown enthusiasm due to addition of multimedia technology in the classrooms and laboratories. The improved ambience and seating facilities in various staff-rooms has been appreciated by the faculty. The makeover of college library, its upgradation and digitization has also been well received by all stakeholders/visitors.

MEDIA COVERAGE

Faculty development programme held at collge

Programme held at Collge CHANDIGARH: A seven days long multidisciplinary Faculty Development Progwamme (FDP) on 'Research Methodology and Project Development' was organised under the aegis of RUSA by Sri Guru Gobind Singh College, Sector 26, Chandigarh, from February to 25 to March 4, 2017. Thirty five teachers from colleges of Chandigarh and Mohali participated in the programme. Finient participated in the programme. Eminent academicians and researchers of the universities and colleges were invited to cover major topics like subject based education research, research methodology, content analysis, methods of data collection, publishing research in high impact journals and plagiarism in academia, its prevention and control, FDP was inaugurated by Dr P K Ahluwalia, retired Professor of Physics, H P University, Shimla February 25 versity, Shimla, February 25.

Daily Post Daily Chd. (Page 2, 05.03.2017)

WORKSHOP **ORGANISED**

CHANDIGARH: A one
-day long workshop on
'Communication Skills
and Public Speaking' was
organised at Sri Guru
Gobind Singh College,
Sector 26, Chandigarh,
under the aegis of RUSA
recently. Dr Chanchal
Narang from UILS PU. an Narang from UILS, PU, an alumna of SGGS College, alumna of SGS College, Sector 26, graced the occasion as the chief guest. Gurdev Singh and J S Bala of president and secretary SES respectively, encouraged the students towards developing communication skills by sharing anecdotes and historic moments from the past. Around 200 students attended the workshop which was conducted in two sessions by Prof Shad Ahmad Khan and Prof Namrata

Daily Post

Daily Chd. (Page 02, 28.01.2017)

Guru Gobind Singh College (Chandigarh)

one-day workshop on Building Digital Libraries Using Greenstone Digital Library SDL) Software was organised by Bhai Kahan Singh Nabha Library, Sri Guru Gobind ngh College, Sector 26, Chandigarh, under the aegis of RUSA. Dr Preeti Mahajan, prossor, Department of Library, and Information Science, PU, was the chief guest. S Gurv Singh Brar IAS (Retd.), president, SES, and Col (Retd) Jasmer Singh Bala, Secrery, SES were the guests of honour. —TNS

The Tribune

Chd. Tribune (Page 2, 14.01.2017)

Thursday, Jan 12 WORKSHOP: One-day workshop on building digital libraries using green stone digital library software: Sri Guru Gobind Singh Co-ed College, Sector 26; 10 am

The Tribune

Chd. Tribune (Page 3, 09.01.2017)



ਸ੍ਰੀ ਗੁਰੂ ਗੋਬਿੰਦ ਸਿੰਘ ਕਾਲਜ ਵਿਖੇ 550 ਸਾਲਾ ਪਕਾਸ਼ ਪੂਰਬ ਨੂੰ ਸਮਰਪਿਤ ਵਰਕਸ਼ਾਪ ਕਰਵਾਈ

Nanak with science and music

फैकल्टी डेवलपमेंट प्रोग्राम



चंडीगढ़ | श्री गुरु गोबिंद सिंह कॉलेज सेक्टर-26 में सात दिवसीय फैकल्टी डेवलपमेंट प्रोग्राम का समापन हुआ। 'ई-रिकल्स' के विषय पर इस प्रोग्राम का आयोजन किया गया था।

Dainik Bhaskar

Chd. Bhaskar (Page 4, 23.03.2017)





Workshop on capacity building held

TRIBUNE NEWS SERVICE

CHANDIGARH, MARCH 16 A one-day capacity building workshop of non-teaching staff held in Sri Guru Gobind Singh College, Sector-26.

Members of the non-teaching staff from all local colleges located in Chandigarh, Mohali and Panchkula attended the workshop. Gurpreet Singh, Superintendent of the college, appreciated the efforts put by Ministry of Human Resources Development, Government of India for providing opportunity to conduct this workshop.

Prof. Jatender Kumar and Dr. Gurcharan Singh Gill was the key speaker in workshop. Prof. Jatender Kumar has taken three technical sessions comprising the use of Microsoft Word, Excel and Power point in office automation. Dr. GS Gill explained various fitness techniques for office staff due to their long working hours.

The Tribune Chd. Tribune (Page 6, 17.03.2016,

Programme on 'Methodology, Project Development' begins

rechnical & Interactive sessions with powel opment Programme Programme Plon Research Methodology Born States and States a

store than 35 Teachers from various local and outside colleges as participating.

According to Dr AP Singh, Coordinator, FDP, during seven days of 5Pp, Participants will be exposed to series of Lectures and Technical-cum-Interactive Sessions.

The proper series will be exposed to series of Lectures and Technical-cum-Interactive Sessions.

Shealso highlighted the Salient Features of the FDP. Speaking Features of the FDP. Sp





Sri Guru Gobind Singh College

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