GHG KHALSA COLLEGES
Organizes
One Week Online

FACULTY DEVELOPMENT PROGRAMME
on
“Integrating Technology in Classroom Teaching and Learning”
26th June – 03rd July, 2020
*(FDP Programme will be conducted through Zoom Platform)*

PATRON
S. Manjit Singh Gill
President

CONVENER
Dr. S. S. Thied
Secretary

ORGANIZERS
Prof. Jaswant Singh Goraya, Principal, GHG Khalsa College
Dr. Pargat Singh Garcha, Principal, GHG Khalsa College of Education
Dr. Satvinder Kaur, Principal, GHG Khalsa College of Pharmacy

TECHNICAL CO-ORDINATORS
Prof. Tarsem Singh
Dr. Umrinderpal Singh
Dr. Rajesh Kumar
Mr. Gurpartap Singh
Mr. Sunil Verma

MEMBERS OF ORGANIZING COMMITTEE
GHG Khalsa College of Education
Dr. Jasleen Kaur : 9780979079
Dr. Satveer Kaur Gill : 9814100301

GHG Khalsa College of Pharmacy
Dr. Parneet Kaur Deol : 9876443050
Ms. Anuja Chopra : 9501944977

GHG Khalsa College
Dr. Anubhuti Modgil : 9988231100
Prof. Aarti Sharma : 9814824349
Dr. Baljinder Singh : 9815040500

“Great teachers never stop learning”

Dear Faculty Members
Greetings to all

Teaching profession has a sense of huge responsibility attached with it, for Teachers are the ‘Carvers’ of a Nation’s destiny. Continuous upgradation of skills and enhancement of knowledge is ever impinging upon the teachers as the Globalization of Education has brought with it new issues and challenges. Technology invaded the traditional classroom decades ago and blended mode of teaching gained momentum. Pre-service and in-service teacher training courses have been laying a great thrust upon ICT integration in the classroom.

New situations bring about new challenges and in the wake of this extreme wave of threat posed by the COVID-19 pandemic, a sudden revolutionary shift from a traditional four-walled classroom to a virtual classroom has become inevitable. In fact the crisis never gives time for preparation and suddenly the teachers have been left with a laptop/mobile in their hands as the only tool with which they can teach. But teaching is a profession which trains one to be resourceful, therefore, the need of the hour is to gear ourselves and to explore the resources of a virtual classroom. Equipping ourselves with ICT tools and to deliver the best knowledge in the most convenient and suitable way.

Objectives of the Faculty Development Programme
1. To support the faculty with timely professional development that connects technology with learning, as well as provide ready access to a full range of state of the art tools.
2. To strengthen student learning and fosters creativity, collaboration, and communication beyond the classrooms.
3. To modify instructional practices of teachers to consistently and effectively integrate technology into their instructional practices.
4. To meet the curricular needs of all learners and to provide electronic access to curriculum.
5. To provide skills and proficiencies necessary for the workforce.
6. To improve the effectiveness of administrative tasks.
7. To collect, assess, and share performance information and feedback for continuous appraisal and improvement of the educational system of the institution.
8. To deliver the best education defeating the challenges posed by the pandemic.
# DAYWISE SCHEDULE

<table>
<thead>
<tr>
<th>DAY</th>
<th>TOPIC</th>
<th>RESOURCE PERSON</th>
<th>SESSION CO-ORDINATOR</th>
<th>TIMINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>26.06.2019</td>
<td>Inauguration and Theme Exposition</td>
<td>Dr. Pargat Singh Garcha&lt;br&gt;Principal, GHG Khalsa College of Education</td>
<td>Dr. Jasleen Kaur</td>
<td>10.45 am to 11.00 am</td>
</tr>
<tr>
<td></td>
<td>Need of ICT based Classroom</td>
<td>Dr. Mandeep Kaur Kochar&lt;br&gt;Vice Principal, BTTC, Mumbai</td>
<td></td>
<td>11.00 am to 11.30 am</td>
</tr>
<tr>
<td></td>
<td>Google Collaboration Tools</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Google Drive</td>
<td>Dr. Rajesh Kumar&lt;br&gt;GHG Khalsa College</td>
<td>Dr. Anubhuti Modgill</td>
<td>11.30 am to 1 pm</td>
</tr>
<tr>
<td></td>
<td>• Google Calendar</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Google Sheet</td>
<td>Mr. Jatinder Singh&lt;br&gt;GHG Khalsa College</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Google Docs</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>27.06.2020</td>
<td>Google forms and Generating Certificates</td>
<td>Dr. Umrinderpal Singh&lt;br&gt;GHG Khalsa College</td>
<td>Dr. Anubhuti Modgill</td>
<td>11.00 am to 1 pm</td>
</tr>
<tr>
<td></td>
<td>Multimedia based Presentations</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Recording Videos</td>
<td>Prof. Sofia Singh&lt;br&gt;GHG Khalsa College</td>
<td>Dr. Baljinder Singh</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Edition Videos</td>
<td>Prof. Tarsem Singh&lt;br&gt;GHG Khasia College</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Publishing Videos</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>29.06.2020</td>
<td>Creating Digital Content</td>
<td>Dr. Pargat Singh Garcha&lt;br&gt;Principal, GHG Khalsa College of Education</td>
<td>Dr. Jasleen Kaur</td>
<td>11.00 am to 1.00 pm</td>
</tr>
<tr>
<td></td>
<td>Canva : Preparing Presentations and Posters</td>
<td></td>
<td>Dr. Satveer Kaur Gill</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Mind Maps</td>
<td>Dr. Ramandeep Kaur&lt;br&gt;GHG Khalsa College of Education</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30.06.2020</td>
<td>Visual Thing Tools</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>01.07.2020</td>
<td>Podcasts and Zoom</td>
<td>Mrs. Karamjit Kaur&lt;br&gt;Principal, Govt. Sr. Sec. School, Sahnewal</td>
<td>Dr. Baljinder Singh</td>
<td>11.00 am to 1.00 pm</td>
</tr>
<tr>
<td></td>
<td>• Exposure to available Resources</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Anchor</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Zoom Platform</td>
<td>Dr. Anubhuti Modgill&lt;br&gt;GHG Khalsa College</td>
<td></td>
<td></td>
</tr>
<tr>
<td>02.07.2020</td>
<td>Learning Management Systems</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Google Classrooms</td>
<td>Prof. Aarti Sharma&lt;br&gt;GHG Khalsa College</td>
<td>Dr. Parneet Kaur Deol</td>
<td>11.00 am to 1.00 pm</td>
</tr>
<tr>
<td></td>
<td>Moodle</td>
<td>Dr. Parneet Kaur Deol&lt;br&gt;GHG Khalsa College of Pharmacy</td>
<td>Ms. Anuja Chopra</td>
<td></td>
</tr>
<tr>
<td>03.07.2020</td>
<td>Digital Assessment Tools</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Kahoot</td>
<td>Ms. Annapurna Madhuri&lt;br&gt;Centre Coordinator, SMIORE Academy for Teacher Training – SATT, Sandur.</td>
<td>Dr. Parneet Kaur Deol</td>
<td>11.00 am to 12.45 pm</td>
</tr>
<tr>
<td></td>
<td>Google Quiz</td>
<td>Dr. Umrinderpal Singh&lt;br&gt;GHG Khalsa College</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Testmoz Test / Quiz</td>
<td>Dr. Satveer Kaur Gill&lt;br&gt;GHG Khalsa College of Education</td>
<td>Ms. Anuja Chopra</td>
<td>12.45 pm to 1.00 pm</td>
</tr>
<tr>
<td></td>
<td>Valedictory Address</td>
<td>Dr. Satvinder Kaur&lt;br&gt;Principal, GHG Khalsa College of Pharmacy</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Vote of Thanks</td>
<td>Prof. Jaswant Singh Goraya&lt;br&gt;Principal, GHG Khalsa College</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Each day last 15 minutes will be for Question / Answer
REPORT OF ONE WEEK ONLINE NATIONAL FACULTY DEVELOPMENT PROGRAMME ORGANIZED BY GHG KHALSA COLLEGES ON THE THEME “INTEGRATING TECHNOLOGY IN CLASSROOM TEACHING AND LEARNING” HELD ON 26th JUNE TO 3rd JULY, 2020 THROUGH ZOOM PLATFORM

With the motivation and farsightedness of management and Principal Prof. Jaswant Singh, Principal Dr. Satwinder Kaur and Principal Dr. Pargat Singh Garcha, GHG KHALSA COLLEGES organized a one week online national faculty development programme on the theme “INTEGRATING TECHNOLOGY IN CLASSROOM TEACHING AND LEARNING” from 26th June to 3rd July, 2020, where in esteemed Principals, nationwide renowned resource persons and learned faculty members of GHG Khalsa Colleges participated and shared their knowledge on ICT tools and techniques.

The objective behind this FDP on the said theme was to provide a platform to learn the tools and techniques needed for the design and development of digital resources for online teaching and learning process. It aimed to provide the knowledge and skills needed by the teachers to cater to the present day learners and their learning styles. And it is evident from the feedback shared by the faculty members that the FDP has successfully fulfilled its prime objectives.

On the first day, Honorable Principal Dr. Pargat Singh Garcha inaugurated one week online national Faculty Development Programme and exposed the theme of FDP in a very motivational way. He briefed the participants about the subject chosen for the FDP and highlighted the reason and importance for the same. He talked about how technology has come to hold a central place in education system. The theme of FDP was further elaborated by Dr. Mandeep Kaur Kochar Vice Principal of BTTC, Mumbai. She stressed on three things for learning i.e. Awareness, Management & Technology.

The second session of FDP was conducted by Dr. Rajesh Kumar, assistant Professor, GHG Khalsa College, He gave the hands on training on Google Drive and Google Calendar to the participants. He also talked about the importance of these tools in teaching learning process. In the next part of the session Mr. Jatinder Singh, System Analyst from GHG Khalsa College illustrated the use of Google Sheet and Google Docs. He too gave the practical demonstration of these tools in a very lucid manner.

Dr. Unrinderpal Singh from GHG Khalsa College was the resource person for the second day. He started his discussion with recap of previous day session and gave practical training on Generating Google forms and certificates. He also highlighted the importance of these tools in present day world. In the next session Prof. Tarsem Singh, Head PG Department of Computer Science and Applications, from GHG Khalsa College, thrown light on practical aspects of multimedia based presentations. He also illustrated that how these multimedia presentations can make online teaching learning effective.

On third Day of FDP, Honorable Principal of GHG Khalsa College of Education, Dr. Pargat Singh Garcha, delivered an elaborated talk on the topic creating digital content. He started
his talk by highlighting the significance of video lectures in teaching learning process and motivated the participants to be receptive towards evolving developments in the field of education. He also emphasized that positive attitude and motivation can work wonder in any learning process. Principal Dr. Pargat Singh Garcha also gave hands on practice of video recording, editing and publishing through ACTIVE PRESENTER software. He further explained how this software can help in making effective video lectures for MOOCs and online teaching. He emphasized on three major processes related to ICT and education namely, interaction, presentation & assessment. In his concluding remarks he talked about how these ICT tools and techniques can bring transformation in teaching learning process.

Dr. Deepa Verma Vice-Principal & IQAC Coordinator, Viva College of Arts, Commerce and Science, Virar (West) conducted the first session of FDP on the fourth day. In her talk she explained a graphic designing tool Canva. In her presentation Dr. Verma beautifully explained the technique of posters and presentation designing. In the second session Dr. Ramandeep Kaur from GHG Khalsa College of Education discussed how mind maps are useful in classroom. Madam Ramandeep gave hands on practice on creating mind maps and stressed upon their usage in making lectures, notes, and research.

The first session of fifth day was enlightened by Mrs. Karamjit Kaur, Principal, Govt. Sen. Sec. School, Sahnewal. Madam discussed that how Podcast can hugely benefit auditory learners and help them in their learning. She also asserted that creating podcast allows students to develop several important skills such as researching, writing, speaking effectively, solving problems and managing time. She also explained the use of Anchor for making podcasts for teaching learning process.

In the second session Dr. Anubhuti Modgil, Assistant Professor, GHG Khalsa College explained use of Zoom platform for conducting meeting. She discussed about the scheduling and joining the meeting. She also explained the use of white board in Zoom Meeting.

On the sixth day of FDP use of Google Classroom for teaching learning was demonstrated through mobile phone as well as laptop by Prof. Aarti Sharma, Assistant Professor, GHG Khalsa College. In the second session Dr. Parneet Kaur Deol from GHG Khalsa College of Pharmacy, gave hands on training on Moodle Platform. In her talk madam elaborated that how on moodle platform a teacher can create e-courses, add assignments, and keep an eye on your students’ progress. Moodle also allows a teacher to communicate and discuss with the students.

Ms. Annapurna Madhuri, Centre Coordinator, Academy for Teacher Training, Sandur conducted the first session of the 7th day. Madam introduced a very interesting game based learning platform Kahoot. It is user-generated multiple-choice quiz that can be accessed via a web browser or the Kahoot app as well. It was really a wonderful session. In the second session Dr. Umrinderpal Singh, Assistant Professor, GHG Khalsa College illustrated how to make Google Quiz for the assessment of student’s performance. In the third session Dr. Satvir Kaur Gill exhibited use of Testmoz in teaching learning process.

Overall this Faculty Development Programme was very fruitful and successful in attaining its prime objective of bringing facilities of different streams on one platform and update
Amidst such advances in teaching-learning process, now, I am sure that CMD faculty is ready to face the challenges of online teaching-learning process. This Faculty Development Programme was participated by 115 participants.
खालसा कालेजिज़ गुरुसर सुधार के एफ.डी.पी. कार्यक्रम में आनलाइन हिस्सा लेते तीनों कालेजों के प्रि. सहिबान व प्राध्यापक।

गुरुसर मुंहार, 6 जुनाई (वलिंद्र सिंह धाइयाल): 'कोरोना' महामारी में नियंत्रण के लिए सरकारी ओ नैर-सरकारी संस्थाओं सहित प्रत्येक आम चलता भी अपने मार पर चल कर गहा है। इसी संदर्भ में जीएच.जी. खालसा कालेजिज़ गुरुसर मुंहार (डिग्री कालेज, कालेज ओफ एजुकेशन, पार्मेली कालेज) द्वारा संयुक्त रूप से सात दिवसीय पैकेट डिवलमेंट कार्यक्रम करवाया गया। इस दौरान विभिन्न रिसोर्स पर्यावरण ने आनलाइन अभ्यास संबंधी अपने विभिन्न भरपूर लेखक और प्रयोग पेश किए। कालेज ओफ एजुकेशन के प्रि. हा. प्रगट सिंह गर्विया ने पहले दिन कार्यक्रम के लिए संबंधी जानकारी दी और हा. मनीष के कोर्ट वाईस प्रि. बी.टी.टी. कालेज मुंहार ने मुख्य भाषण दिया। इस एफ.डी.पी. के अंतिम दिन हा. सतविंद्र के कोर्ट प्रि. कालेज ओफ पार्मेली ने विदायगी भाषण और प्रि. जसवंत सिंह प्रि. डिग्री कालेज ने धन्यवादी भाषण दिया।
धर्मा वर्तमान सुप्तित हिवे 7 तेज्हः श्रेयः जी. भी. महत्त्व

दासी  सुप्रद, 8 सुहरी (व्यर्थिता विरूद्ध परीक्षा)-
'बंध्य' भीगती तम निरंतर लती तिवारी ते दौर-ललिती ललिती
झेल तर विरूद्ध ललिती ललिती ही आपने देखते 'के जानते बता दिया है।

दीप मुख्य दिति सी. अमृत. धर्मा वर्तमान सुप्रद सुप्रद (विवाही वर्तमान, वर्तमान आदि
आदि-मुख्य, आदि-मुख्य) रहे कई ध्वनि 'के नाइ देखा देखा देखा देखा
'दिनां' प्रदर्शन बनावट बनावट बनावट बनावट बनावट बनावट.

दीप देखा देखा देखा देखा देखा देखा देखा देखा देखा देखा देखा

सुप्रद सुप्रद के आदि-मुख्य आदि-मुख्य आदि-मुख्य आदि-मुख्य

सुप्रद सुप्रद के आदि-मुख्य आदि-मुख्य आदि-मुख्य
Faculty development programme

G H G Khalsa College, Gurusar Sadhar, organised a week-long online national faculty development programme (FDP) on the theme ‘integrating technology in classroom teaching and learning’ under the motivation and guidance of chief patron S Manjit Singh Gill and convenor S S Thind. The FDP aimed to provide the knowledge and skills needed by the teachers to cater to the present-day teachers and their learning styles. In this FDP, nationwide renowned resource persons, principals and faculty members participated and shared their knowledge on ICT tools and techniques. The FDP was inaugurated by principal prof Jaswant Singh, Degree College, principal Pargat Singh, Education College and principal Satwinder Kaur, Pharmacy College. The key address was delivered by Pargat Singh while the theme of the FDP was elaborated by Mandeep Kaur Kochar, vice-principal, Bombay Teachers Training College, Mumbai. The resource persons gave hands-on training on latest tools like Google Drive, Google Calendar, Google Forms, Google Certificates, Canva, Active Presenter, Podcasts, Kahoot, Mind Maps, Zoom, Moodle, Testmoz and Google Classroom. The report of the FDP was presented by prof Aarti Sharma while the vote of thanks was given by Satwinder Kaur. The concluding address was delivered by Jaswant Singh. The FDP was successfully organised due to the efforts of technical coordinators and members of the organising committee.
Dr. Pargat Singh Garcha

Dr. Pargat Singh Garcha, is working as principal in GHG Khalsa College of Education, Gurusar Sudhar. It is grant in aid PG College. The college is reaccredited by NAAC with CGPA - 3.30. This reputed college is also having the status of Mentor College conferred by NAAC.

Dr. Pargat Singh Garcha has over 15 years of experience in teaching and research. With a master's degree in Economics from Punjab University Chandigarh, master's degree in Psychology from IGNOU, PGDCA from PTU and Doctorate in Education from Punjab University, Chandigarh. He specializes in Cooperative learning, Educational Technology, Research Methodology. He has to his credits 8 books and more than 45 publications in various journals on diverse areas in the field of education. He has attended/presented papers at over 40 conferences/seminars/workshops at national and international levels. He has delivered more than 50 invited talks. His name is also glorifying the editorial board and member of reviewer's committee of some reputed journals. He is also editor of research Journal GHG Journal of Sixth Thought.

He is working on minor research project funded by UGC. He has also developed Massive Open Online Course on Cooperative learning under a project from UNESCO Chair (Open education for better world). The course is available free of cost on moocKit, platform developed by IIT Kanpur. He had also been a consultant for curriculum framework for diploma course of Apeejay Satya University. He is working as Secretary of Pb. & Chd. chapter for Council for Teacher Education (CTE). He also served as member academic council of Panjab University Chandigarh (2018-20)
JATINDER SINGH TATHGIR

Mr. Jatinder Singh Tathgir is working as System Analyst in GHG Khalsa College, Gurusar Sadhar, Ludhiana, Punjab. This is a grant-in-aid, multi-faculty, co-educational institution affiliated to Panjab University, Chandigarh and recognised by UGC and NCTE.

With a Master’s degree in Computer Applications (MCA) from IGNOU, Mr. Jatinder Singh Tathgir has a long experience in handling the computerisation projects from planning, design, development and implementation point-of-view. He is the incharge of IT Cell of the college. He is handling most of the non-academic IT works of GHG Khalsa College, GHG Khalsa College of Pharamacy and GHG Khalsa College of Education. He is responsible to plan, design, develop, implement and maintain a custom designed ERP System for college management, Websites, Social Media and other related activities across the three institutions mentioned above with the help of a dedicated team of developers working under his supervision.

He has successfully performed the duties of NAAC Co-ordinator during the previous NAAC Assessment for Accreditation in September 2015 in which the college scored CGPA - 3.11. He is also an approved Punjabi News Reader with Doordarshan Kendra Jalandhar since September 2003. He is also doing Punjabi translation as well as voice-overs of speeches given by President of India and Prime Minister of India for Doordarshan on various occasions including Indepedance Day, Republic Day and Mann Ki Baat etc.

Principal

GHG Khalsa College
Gurusar Sadhar (Ludhiana)
Sofia Singh

Sofia Singh is an Assistant Professor in the Department of Computer science at GHG Khalsa College Gurusar Sadhar, Ludhiana. This is a grant-in-aid, multi-faculty, co-educational institution affiliated to Panjab University Chandigarh and recognised by UGC and NCTE. The college is reaccredited by NAAC with CGPA-3.1.

She has done Bachelors in Computer Application and Masters in Information Technology from Khalsa college for women Ludhiana. She has qualified UGC-NET on July 2016. She worked at Swami Ganga Giri Janta Girls College from 2013 to 2015. Currently she is working at GHG Khalsa college under grant-in-aid post. During this tenure, she has published 7 research papers in international journals on diverse areas in the fields of computers.
Bio Data of Prof. Tarsem Singh

Prof. Tarsem Singh is working as Assistant Professor in Department of Computer Science and Applications in GHG Khalsa College, Gurusar Sadhar since August 2013. He is also acting as Head of the Department since 2014. Prof. Tarsem Singh has 13 years of experience in teaching. He has done MCA, M.Phil (Computer Science) and AMIE (Computer Science and Engineering). He has published two books in the field of Computer Science. His book “ICT Skill Development” is published in three mediums viz. English, Hindi and Punjabi, which are very helpful to the students to learn ICT Skills in any medium. His second book “Web Programming in PHP” based on the subject in BCA 5th Semester. Besides that he has also published three research papers.
Bio Data of Dr. Anubhuti Modgil

Dr. Anubhuti Modgil is working as an assistant professor in PG department of Commerce and Management in GHG Khalsa College Guru Nanak Sadhar, Ludhiana since July 2014. Dr. Anubhuti Modgil is having 11 years of teaching experience. She has done M.Com, M.Phil. and Doctorate in Philosophy (Ph.D.). She has published two books on Quantitative Methods for Business along with its solutions for M. Com 1st Semester for Panjab University, Chandigarh and Guru Nanak Dev University, Amritsar as well under Kalyani Publisher. Besides that she has published 12 research papers in National/International/UGC Care list/Scopus Journals. She has attended workshops and presented papers in more than 20 National/International conferences.
Prof. Aarti Sharma

Prof. Aarti Sharma, is working as Assistant Professor in Commerce in GHG Khalsa College, Gurusar Sudhar. It is grant in aid PG College. The college is accredited with NAAC ‘A’ Grade. Prof. Aarti Sharma has over 15 years of experience in teaching and research. With a master’s degree in Commerce from Punjab University Chandigarh, she specializes in Accounting, Finance & Research Methodology. She is pursuing her doctorate degree from University Business School, Punjab University, Chandigarh. She has fifteen Publications to her credits in various journals on diverse areas in commerce & management. She has attended/presented papers at over 20 conferences/seminars/workshops at national and international levels. She is also editor of two conference proceeding books. She is member of various academic bodies like, Indian Commerce Association, Punjab Commerce & Management Association, and Economic Growth & Research Association.
DR. UMRINDERPAL SINGH
Assistant Professor
P.G. Dept of Computer Science and Applications
GHG Khalsa College Gurur Sadhar, Ludhiana

He has completed his M.Sc (Hons) in Computer Science from Panjab University Chandigarh. He obtained his M.Tech CSE, P.hD in Computing Sciences degrees from Punjabi University, Patiala. Topic of his doctoral thesis is "Urdu To Punjabi Machine Translation". He knows various languages like Punjabi, Hindi, English, Urdu. He is GATE (CSE) and UGC NET qualified in Computer Science and Applications. He has 7 years of research experience and published various research papers in national and international journals and conferences. His thrust area of research is Artificial Intelligence, Machine Learning and Natural Language Processing. Along with this, he has done several international certifications like MCSE, RHEL.
Dr Parneet Kaur Deol

Dr Parneet Kaur Deol is working as Assistant Professor in Department of Pharmaceutics, G.H.G. Khalsa College of Pharmacy Gurusar Sadhar, Punjab, India. She has done her Graduation, Post-Graduation and Doctorate from the University Institute of Pharmaceutical Sciences, Panjab University, Chandigarh. She cleared postgraduation entrance exam (Graduate Aptitude Test in Engineering (GATE)) in 2009 with 99.47 percentile and bagged All India rank 120. She was awarded certificate of merit by Panjab University for my outstanding performance in Master in Pharmacy (2009-2011). Later in 2012, she was awarded Research Fellowship for Meritorious Students (2012-2017) by University Grants Commission, India to pursue PhD from Panjab University, Chandigarh. She was the recipient of ‘Dr. Harpal Singh Buttar and Mrs. Harinder Kaur Buttar Award of Excellence in Pharmaceutical Sciences’ and ‘Mekaster Young Scientist Award’ in the year 2015 and 2018, respectively. Recently she fetched two research projects from Department of Science and Technology-Science and Engineering Research Board (DST-SERB), New Delhi worth 65 Lakh INR.

Presently, her area of research lies in finding cost-effective carriers for probiotic delivery and exploration and evaluation of nano- and microparticle technologies for improving the bioprofile of a variety of drugs including natural antioxidants. She have published 21 papers/chapters in peer reviewed international journals/books with cumulative impact factor >50 and edited a guest volume for “Current Pharmaceutical Design” and a book for Springer Nature. I have also filed an India Patent which is presently under examination.
Dr. Ramandeep Kaur

Dr. Ramandeep Kaur Sidhu is presently working as assistant professor in GHG Khalsa college of education gurusar sadhar ludhiana. She is the allumi of this college. She has completed her Ph.D from Panjab University Chandigarh in Education. She is working as Assistant Professor in Education colleges since 2006. She is teaching Postgraduate and Graduate students in the subject education. This Education stream including various subjects like pedagogy of mathematics, Education for differently abled, assessment for Learning, Teacher Education and many more. She has over 12 year of experience in teaching and research. She specialized in Pedagogy of mathematics. She had presented/attendant more than 40 papers at conference/semnar/workshops at national and international level. She had published more than 30 publications in various journals in the field of education.

Along with the teaching and research experience, she has performed various duties as scholarship coordinator, timetable Incharge, LMS coordinator from Education college, member of Research cell etc.
DR. RAJESH KUMAR

He has done Ph.D., M.Tech, B.Tech in field of Computer Engineering. He has more than 15 years of experience in Academia (M. Tech & B. Tech). He has published 16 Research Papers in Internationals/National journals from his research work. He has attended 27 National/International conferences and Published Research Paper in Conference Proceedings including IEEE and ELSEVIER. He has guided 7 M.tech thesis as Supervisor and 2 M.sc thesis as co-supervisor. He has attended 22 Faculty development Programme/Workshops sponsored by MHRD & AICTE. He has performed duty of Observer in University Examination, Adjunct faculty, Member of Organising committee in Conference etc. Currently, he is working as Assistant Professor (Computer Science & Applications) in Ggh Khalsa college, Gurusar Sadhar (Ludhiana).