



Event Report

- 1. Name of Event:** How to Start Internet Radio
- 2. Nature of the Event:** Workshop
- 3. Date:** 19th November, 2022
- 4. Time:** 02:30 to 04:30 P.M.
- 5. Venue:** Auditorium, School of Technology, GSFC University
- 6. Organized by:** GSFC University, GUITAR Council, SSIP, Start-up Gujarat Cell & Institution's Innovation Council
- 7. Number of Participants:** 50, As per Annexure -1
- 8. State Govt. Role:**
 - a. SSIP 2.0: Funding Support
 - b. IC, GoG: To promote events
- 9. Speakers:** RJ Yogesh Jangir, Founder Sayaji FM
- 10. Event Details:**

GSFC University, GUITAR Council, Students Startup Innovation Policy (SSIP 2.0), Startup Gujarat Cell and Institution's Innovation Council organized a workshop "How to Start Internet Radio" on 19th November, 2022

Mr. Kirankumar Parmar, Sr. Manager, GUITAR Council welcomed invited speaker RJ Yogesh Jangir founder of Sayaji FM, Vadodara and introduced with the participants. He also welcomed all the participants and invited Dr. Saroj Shekhawat, CEO of GUITAR Council for the inaugural address.

Dr. Saroj Shekhawat welcomed the speaker and participants. She said GSFC University is providing an opportunity for students, startups and faculty members to showcase their skills, knowledge and creativity to the world by setting up Internet Radio. She said GSFC University Management approved Internet Radio setup in the studio room, ground floor, SoS and already procured Microphones and broadcasting software recently. She invited all the participants to join the GSFC University Radio team for content development and managing Internet Radio's day-to-day functions.

RJ Yogesh Jangir started the workshop by sharing his startup story of Sayaji FM. He explained the Radio Broadcasting definition, Amplitude modulation (AM), Frequency modulation (FM), their frequency range, and hardware & software requirements. He explained the difference between Digital Radio and Internet Radio to the participants.

RJ Yogesh Jangir said that Internet Radio (also online radio, web radio, net radio, streaming radio, e-radio webcasting) is an audio service transmitted via the Internet. Internet radio involves streaming media presenting the listener with a continuous stream of audio that cannot be paused or replayed. Internet Radio has no geographic limitations and it is not limited to audio. An internet radio broadcast can be accompanied by photos or graphics, text and links, as well as interactivity, such as message boards and chat rooms. This advancement allows a listener to do more than listen. He further explained the difference between Internet Radio and podcasting.

RJ Yogesh Jangir explained how Internet Radio works, hardware requirements, and recording/ editing/ broadcasting software usage. He demonstrated a 3.5 mm splitter, Audio Jack types (TS, TRS, TRRS), Microphone, and connection to the computer/laptop/mobile. He explained Maono AU-A03 and AU-100/AU-200/AU-400 microphone usage and technical data for recording.

RJ Yogesh Jangir asked a question to the participants who all are involved in the Internet Radio Team for handling day-to-day operations. He said that Radio Jokey (RJ), Show Producer, Music Manager, Ad/Script Writer, Station Head, Sales and Marketing team, Broadcast Engineer, Sound Engineer, Video Editor, Graphic Designer and admin staff are part of the Internet Radio team. He explained RJ's roles and responsibilities such as script preparation, handling listener phone calls, promotional content, music selection, copyright, celebrity interviews, sharing relevant information, mapping out promotional content, technical knowledge of audio and sound equipment etc. Further, he explained Radio Jokey Skill requirements i.e. Clarity of voice, Communication, Confidence, Presence of Mind, Interest in Music, General Knowledge, Humour and wit.

RJ Yogesh Jangir invited one student for audio recording and then explained editing software (Audacity-free available) usage for content editing. He explained various functions such as cut, copy, paste, left & right track control, changing audio frequency, merge audio files into one file, Fade In & Fade Out, Reverb, downloading the final file etc. to the participants.

RJ Yogesh Jangir explained the broadcasting software (streamerr.co) control panel's various functions such as content uploading, playlist preparation, scheduling playlist, Auto DJ, media library, listener report generation and other settings for uploading and managing content.

RJ Yogesh Jangir also discussed how to generate revenue by analyzing listener data such as their geographical presence, the number of users, active users, users count on specific days & times, and the number of mobile applications downloaded.

In the end, Mr. Kirankumar Parmar proposed a vote of thanks to the august gathering.

11. Learning outcomes of the event:

- Participants understand the difference between traditional radio and Internet Radio. Additionally, they are aware of the skill needed to start an Internet Radio and work as an RJ.
- Participants understand how to prepare content, record, edit and broadcast.
- Participants were aware of hardware and software usage, music licensing and legalities.

12. Feedback:

Participants enjoyed the workshop and were motivated to create content for Radio GSFCU.

13. Presentation Link: https://docs.google.com/presentation/d/1BKEFsKu-Fc7AgpPVqm0TWtyseWQycn2T/edit?usp=sharing&oid=106640023809987366179&rtf_of=true&sd=true

14. Video Link: https://drive.google.com/file/d/1xXGOaF_43LCUSwIoIU9FUbu-wYHO8Rr9/view?usp=sharing

15. Resources

- a. Software's: Installed at Studio Room, Ground Floor, SOS, GSFCU
 - i. Broadcasting Software: <https://streamerr.co> (Pro Plan), 7-day free trial available for everyone
 - ii. Audio Editing Software: <https://www.audacityteam.org/download>
 - iii. Plugin FFMPEG:
<https://support.audacityteam.org/basics/downloading-and-installing-audacity/installing-ffmpeg>
- b. Hardware's: Available at Studio Room, Ground Floor, SOS, GSFCU
 - i. Computer and speakers (for listing recorded audio)
 - ii. Microphones
 1. Maono AU-A03: Condenser Microphone Kit Podcast Mic with Boom Arm Microphone Stand
 2. Maono AU-200: Omnidirectional Dual Collar Lavalier Condenser Microphone



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Government of Gujarat



GUITAR COUNCIL

16. Photos:

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GUITAR COUNCIL

Do you want to be a part of GSFCU-Internet Radio team?
or want to start your own Internet Radio?

Join the workshop on
HOW TO START INTERNET RADIO

19th November, 2022

02:30 PM to 04:30 PM

Auditorium, SoT, GSFCU

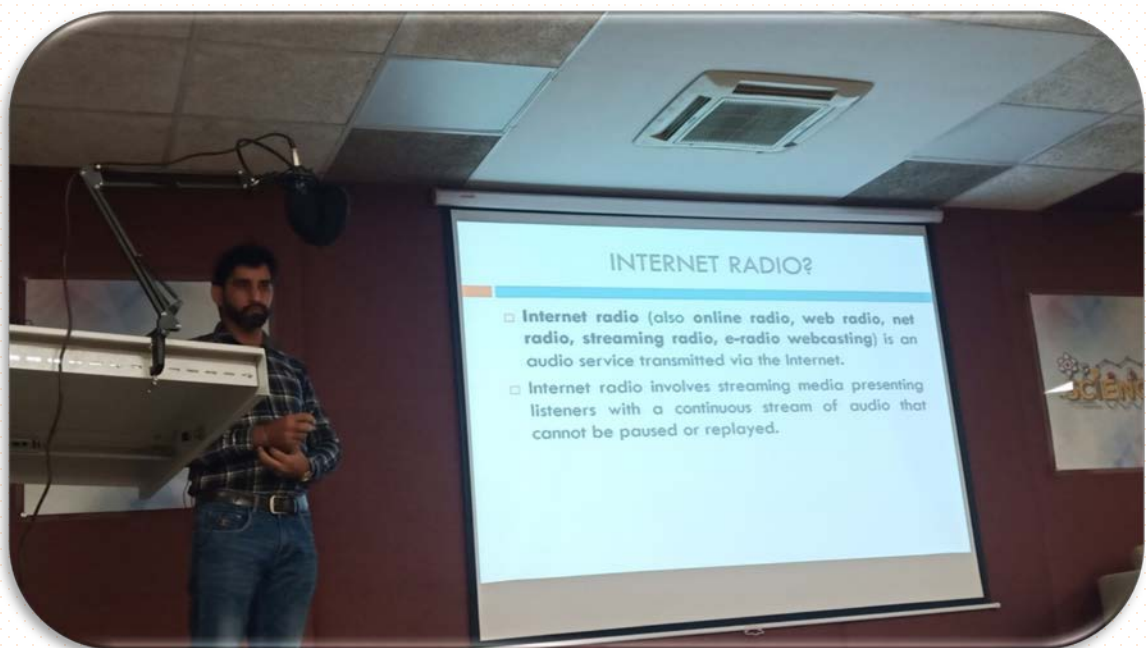
Registration: bit.ly/guiitar57

Speaker:
RJ Yogesh Jangir, Sayaji FM

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Ministry of Education, Government of Gujarat

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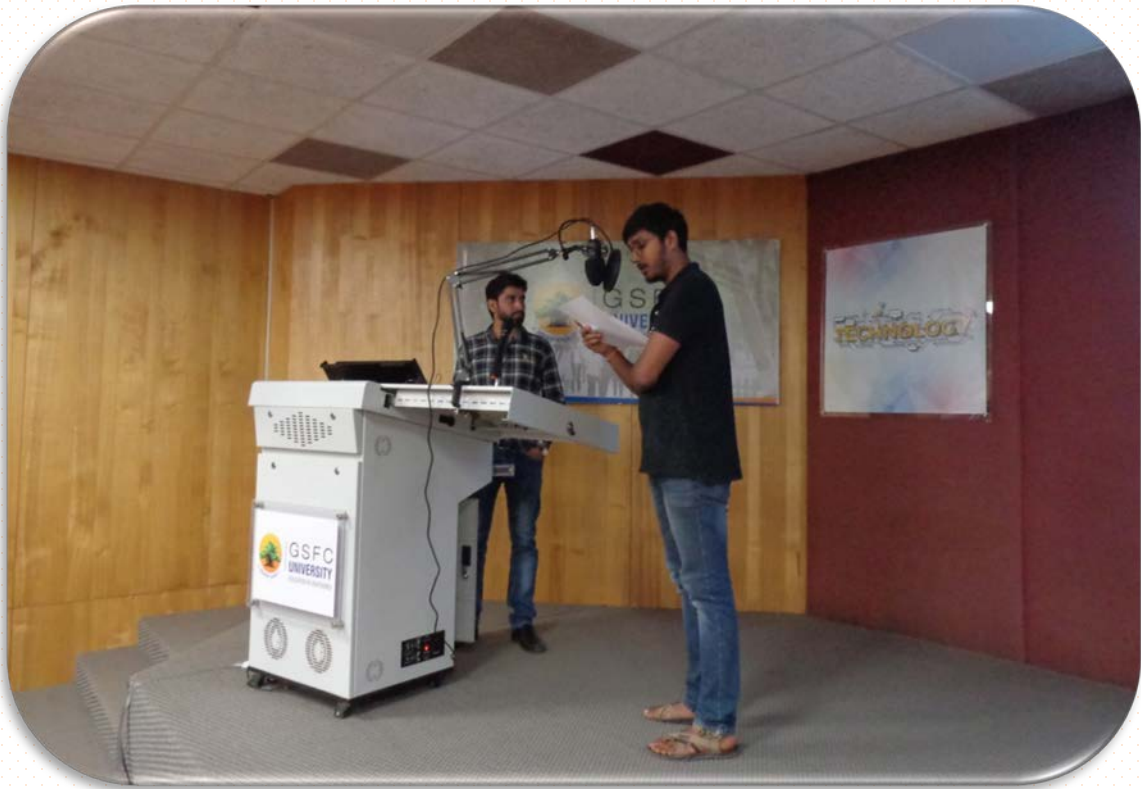
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Annexure -1
Participants:

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