

**Welcome Tomorrow**  
**Episode number 5**  
**Steps towards the future**  
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Characters

Major Srikanth - 24-30 years old, an army commando and AI expert  
Colonel Bijendra - 45 years old, IT expert in army  
Colonel Wasim - 45 years old, Commanding Officer  
Major Kalyani - Nearly 30 years old, A doctor and a technology enthusiast  
Subedar Major Raghav - 48 years old, posted with Captain Srikanth  
Sister / nurse

**View 1**

*(The sound of moving vehicles, trucks, jeeps, etc. the entire unit of the army is going...)*

**Subedar Raghav-** Srikanth sir, you did not give us sweets?

**Srikanth -** Sweets... but what for, Raghav ji?

**Subedar Raghav -** Sir, You have been promoted from Captain to Major... and you are asking what for ?

**Colonel Bijendra -** What are you saying Raghav, the whole unit ate the sweets of Srikanth's promotion... Where were you then ?

**Srikanth -** Hey, Colonel Bijendra, Raghav ji must be busy enjoying the party of his promotion from Subedar to Subedar Major... Why would he remember us...

*(Laughs)*

**Raghav -** What, Colonel sir, you have implicated me... Let us finish the operation today... And we all will have a party from my side... Actually, I missed that day... Now I will make up...

**Colonel Bijendra** - So, this is decided now...

*(Sound of heavy firing... Sound of firing bullets)*

**Colonel Bijendra** - Srikanth, Earl Troops ... We have reached our destination... Here is the unit of Colonel Wasim and around twenty to twenty five terrorists have been surrounded by his team... Come on... Move... Move...

*(Sound of boots)*

**Major Shrikant**- Raghav ji, take three soldiers with you and fix this device on the roof of that house...

**Raghav** - Ok Sir...

*(Sound of fast running steps...)*

**Colonel Bijendra** (In a slightly confused voice) - Colonel Wasim... We are here... All the Equipments are with us and they are being installed...

**Colonel Wasim** - Welcome to Hell, Colonel Bijendra... They have motor and rocket propelled grenades... They have come very prepared ... Many of my young men have been injured... Now show your robot's awesome feat... And where is Major Srikanth?

**Colonel Bijendra** - He is with his team behind that wall... and see... the robot, drone and the whole system is on...

*(Bullets voice)*

**Subedar Raghav**- Shrikant sir, I have installed the device...

**Shrikant** - Yes... Good... Cover me... I am going a little further... Here there is some problem in range...

**Subedar Raghav** - Give Shrikant Sir a covering fire...

*(Sound of Bullets firing)*

**Colonel Wasim** - Srikanth's robot is going ahead and is keeping an eye on the terrorists from the crack of the wall... We can see the visuals... The visuals of the drone have also come... So, everyone's location has been revealed... There are no hostage... No hostage ... No hostage ... Full attack... Full attack...

*(Strong sound of firepower)*

**Colonel Bijendra** - Colonel Wasim, Srikanth has reached closer to that house... Eighteen terrorists are seen in the visuals, Wasim you were saying that there are twenty-five?

**Colonel Wasim** - Oh... some terrorists have gone out from behind... Srikanth knows about them... he is going to engage them...

*(Strong sound of firepower)*

**Raghav-** Srikanth sir, we have surrounded them... Fire...

*(Strong sound of shelling, then the sound of strong bang)*

**Wasim** - (Shouting) Hey... Srikanth...

*(The loud voice of the ambulance siren)*

**Raghav-** Colonel Wasim Sir, How is Srikanth ji feeling... He was very badly injured...

**Colonel Wasim** - Raghav ji, Srikanth's condition is not well, He needs to be operated as soon as possible and the experts are busy in the operation of another soldier... Colonel Bijendra... How about the operation?

**Colonel Bijendra** - Colonel Wasim, Raghav... Don't worry... The good news is that there is a facility of robotic surgery here... and Dr. Chariar, a specialist in this surgery has been contacted... He will

join us right away from Chennai and the operation will start in just half an hour...

**Colonel Wasim-** Great...

**Raghav-** But sir ... How will Doctor Chariar come from Chennai in half an hour?

**Colonel Wasim-** Raghav, Doctor will not come, he will conduct the operation from Chennai...

**Raghav-** from Chennai ???

**Colonel Bijendra-** Yes Raghav, the operation will be done by a robot...

**Raghav-** But how?

**Colonel Bijendra-** Now Srikanth can only explain this to you properly... This robots, artificial intelligence, etc are his subjects... He will explain these things better... but later... Let's go Colonel Wasim... You too can come Raghav, We can see the entire operation from here... it's safe... Come...

*(Sound of shoes getting away)*  
*(Music change)*

**Shrikant** *(With pain in slow voice)* - Raghav ji... Aah ! What happened to the terrestrial operation?

**Raghav** *(Shouting)* - Hey, you have regained consciousness... Sister... Sister... Major Sahab is in senses now...

*(Distant voices of shoes)*

**Doctor** - Namaskar Major, I am Dr. Chariar from Chennai... I arrived this morning and you have come to senses too... That's good... Sister... What about Other parameters...

**Nurse** - Everything is normal sir ...

**Doctor** - Any pain Major Srikanth?

**Srikanth**- Not exactly doctor... some pain is there when I lift my hand and I am feeling some heaviness in the chest...

**Doctor**- It will be alright with time... Good... So Major Sir... You can relax and talk to your friend... We will keep you under observation for a few days... Although you seem to be absolutely normal... Good... sister ...

*(Sound of shoes getting away from)*

**Srikanth**- How are you Raghav... what happened to the operation of Kashmir?

**Raghav** - Hey Major sir, What are you talking... If you reach hospital, then the operation never fails... The operation was a complete success... all terrorists were captured or killed and seven of our people were injured... But they are fine now and today you too got into senses... So, all is well...

**Srikanth** - What is the date today?

**Raghav** -It's 19th...

**Srikanth** - So I was unconscious for fifteen days ???

**Raghav** - Not fifteen days, Shrikant ji... its sixteenth day today... This time you scared all of us... Now you relax... I will sit outside...

**Shrikant** - Hey Raghav ji... I have rested for sixteen days... You sit with me here only... And you have no questions this time...?

**Raghav:-** *(Suddenly speaks quickly)* - Off course I have so many questions... like What is this robotic surgery? Which countries are ahead in AI? In which areas will AI be most effective? What work is going on in the field of AI right now? And many more...

*(Mild laughter)*

**Srikanth** - Hey Raghav ji, my brain will not be able to process that much right now... By the way how did you know about robotic surgery?

**Raghav** - Robotic surgery was done on you... Dr Chariar gave you an appointment for surgery while sitting in Chennai... I saw everything... It was amazing Sir... Colonel Wasim was saying that there is AI's role in this too?

**Srikanth** - Well, a robot has done my operation...

**Raghav** - Yes... Like your robot completed the mission, similarly a robot has completed your surgery...

**Srikanth** - We will come to this later... First we will know about which are the top five countries working on Artificial Intelligence... then they will also know in which areas AI is being used the most or is likely to be used...

**Raghav** - Ji Shrikant ji, let's start with the top five countries...

**Srikanth** - Yes, the first country which has been working with a lot of investment in AI is America...

**Raghav** - I was thinking that only...

**Srikanth** - So Raghav ji, how the US government helps its people through AI ? They prepare plans for everything... like role of AI in US innovation, AI for US industry, AI for US employees and US values...

**Raghav** - For all the Americans?

**Srikanth** - Whatever... Every country thinks of its own welfare first... That's why India too has an emphasis on self-reliance... America has made a national policy on Artificial Intelligence, when the current US President on February 11, 2019, signed

executive Order thirteen thousand eight hundred and fifty nine (13859)...

**Raghav** - What I understood Major Srikanth is that for America now everything is going to come in the hands of AI...

**Srikanth** - Yes and no both... Well let's move forward Raghav ji... and second on the list in terms of development and investment in AI...

**Raghav:-** (*Shouting in the middle*) - Russia... It will definitely be Russia... When America is investing, Russia will also make a firm investment... So Russia will be at the second place... Am I right ?

**Srikanth:-** (Laughing a little) - No Raghav ji... China is at number two...

**Raghav** - China?

**Srikanth** - Yes Raghav ji, China has made a lot of progress in the field of AI in the last few years... China has invested about sixty to seventy billion dollars in AI and today China is into deep learning and publishing research papers much more than America...

**Raghav-** Then it will soon attain number one position...

**Srikanth-** Absolutely Raghav ji, China has decided that by the year 2030 it will be the world leader in AI... China is focussing most in health sector in... like CT scan, X ray etc are used in deep learning for AI... Analysis of AI is being done in the radiology divisions of major hospitals of China and is being described as a disease... AI is also being used in China for early detection of cancer...

**Raghav** - Amazing... Sir, Now which country is at number three?

**Shrikant** - Raghav ji, The country at number three is the one who has published more than eight thousand letters... that is, the maximum number of AI letters...

**Raghav** - Is it Germany?

**Srikanth** - Oh wow Raghav ji, you have recognised it correctly... Germany is at number three... Most work is being done here on preparing AI model for small and medium industries... Many big companies of the world like Amazon... Companies like Porsche, Daimler and Basch have made huge investments in Germany...

**Raghav** - Germany thinks a lot for the industries and it is a good thing that work is being done for small and medium industries... So Major Shrikant ji... France is the country at number four?

**Srikanth** - Raghav ji why did you think France would be at number four?

**Raghav** - Hey Shrikant ji, Because this is a basic understanding that France and Germany go hand in hand...

**Srikanth** - No, you are completely wrong... India is fourth on AI in the world...

**Raghav** - Oh wow... Our India is amazing at number four...

**Srikanth** - Yes Raghav ji, India's AI program is focused on economic development, but at the same time social relevance has been taken care of in India's AI program, which makes this program special in the whole world...

**Raghav** - India's program will definitely be special... After all we are the most special country...

**Srikanth** - There are three major points in India's AI program... First is to develop the ability of Indians to get good and safe employment... Second, to use resources in research and fields that will help in economic development and contribute to social



development... and Thirdly, AI solutions built in India can be used by developing countries all over the world...

**Raghav** - Its India Shrikant ji... Our India... It will surely think of the developing and poor countries of the world...

**Srikanth** - Yes Raghav ji, that is it... So let us also know the fifth country... Would you like to take a guess...

**Raghav** - Yes Major Srikanth... I think it should be Japan or South Korea... Well my mind is towards Russia but Japan seems to be more promising...

**Srikanth** - No Raghav ji, wrong... Canada is at number five...

**Raghav** - Canada is so much ahead in AI...

**Srikanth** - Raghav ji, Canada is the first country in the world to have released a national AI methodology... under which the Government of Canada will spend twelve crore fifty lakh Canadian dollars in the next five years on research and talent search on AI...

*(Then the sound of shoes approaching)*

**Nurse - Ma'am...** Major sir is awake...

*(The sound of a pair of shoes approaching)*

**Major Kalyani** - Namaskar, I am Major Kalyani... Doctor Major Kalyani... You are still talking... and You are Subedar Major Raghav ji... You know that Major Shrikant is quite serious...

**Shrikant** - Well said Major Kalyani ji... but sometimes we can beat serious health issues by talking with Raghav ji...

*(Mild laughter)*

**Major Kalyani** - By the way, Major has come to his senses today itself...  
He needs rest... The conversations can be done later as well...

**Raghav** - Yes Major Kalyani ji... We can talk later also... But what we were talking right now was so interesting that we kept going on...

**Kalyani** - Why... Something special... Sister... Take this file... I am here for a while... Thank you... Yes Raghav ji... What is so special...

**Srikanth** - Major Kalyani... We were discussing Artificial Intelligence...  
Actually, whenever I am injured, Raghav ji helps me in recovering by talking about AI...

**Raghav** - Yes, ma'am, It has become a rule now...

**Kalyani** - Rules? Major Srikanth, you seem to be injured by the rules...  
By the way, AI is an interesting topic... I am also very much interested in it... Let's discuss this only until I give you sleep medicine... What say ?

**Raghav** - It is a good idea... You please sit here Major Kalyani ji... Yes, Major Shrikant ji... Now when we have already discussed the top five countries excelling in AI... Now tell us more work is going on in which areas of AI...

**Kalyani** - Raghav ji, Work is going on in many fields of AI but the major ones are robotics, health services, finance services, tourism and transport, social media and marketing...

**Srikanth** - Oh wow, Major Kalyani ji You seem that your interest in AI is more... Wow...

**Kalyani** - Yes Major Shrikant...

**Raghav**- So as Major Kalyani ji was telling about Robotics... Brief us more on what is so special about it...

**Kalyani-** See Raghav ji, till now robots could not do anything on their own... but now with the help of AI, the ability to solve problems in a limited way and to think something has developed such as Roomba or Aai robots, that are in the shape of a plate help in cleaning the house. Now the new Roomba 980 model accurately assesses the size of the room, identifies obstacles and finds out what are the most efficient ways and methods for cleaning...

**Shrikant-** Rightly said Major... and Raghav ji the robot itself decides about how much cleaning is needed and when charges itself.

**Kalyani-** Now you all just be aware of the Sophia robot, which is a highly advanced robot, also called Humanoid robot which is made by a Hong Kong company... Similar AI-assistant named Oli has been created which is controlled by the voice...

**Raghav-** But there are so many instruments... My daughter has just brought a speaker so that whatever song or news you want to hear... you just need to give a vocal command and it starts playing...

**Kalyani-** Rightly said Raghav ji... but there is a difference between these speakers and Oli...

**Raghav-** What's the difference, sir?

**Kalyani-** Oli's personality keeps evolving... Actually it has been designed in such a way, that eventually it will become like its owner... think like its owner... behave like its owner in any situation... select songs likewise... understand the mood of its owner... etc. Oli has the ability to walk and also to understand your mood...

**Srikanth-** Now look at healthcare itself... Path AI is a technology that performs correct diagnosis by looking and examining tissue samples etc. and thus helps pathologists in catching a disease...

**Kalyani-** Yes, AI is now being used for pain detection, in search for new medicines and treatment. And you have seen the robotic

operation... Although, it is operated remotely and can be called smart right now but not AI based, but soon we will see that robots will take full data of the disease and will also be able to make decisions and perform surgeries...

**Raghav-** Then you would loose your job... err... I mean your job will be in danger...

**Kalyani-** Raghav ji, machine can never be an option of human being... Well now let's talk about AI in financial services...

**Raghav-** An ... Ji ... Major ... Kalyani Ji ... We are moving very fast. Isn't it ?

**Kalyani-** Ji Raghav ji, I want this AI session to end soon because rest is more important for Major Srikanth... Well a lot of work is being done in finance... People who invest in shares, stocks etc... for them, the entire finance management is being done by AI based robots... which assesses the ups and downs in the market, makes your portfolio and even has the ability to pay your taxes etc...

**Srikanth-** So, Raghav ji, Where should you invest? How much should you invest ? You will get all this information easily and also get rid of the hassle of tax... Now as all the travel arrangements are made by a virtual travel assistant like selection of the tourist destination according to your choice, travel plans, airplane booking, hotel booking etc... And at the same time give you the benefit of every kind of scheme to save your money...

**Kalyani-** All right, now this conversation is over... Sister, bring the medicine... Major Shrikant... That's enough for today ...

**Raghav-** Rightly said by Major Kalyani ji... But the map that comes on this mobile, the way it shows the ways, it is also AI based...

**Srikanth-** Perfect Raghav ji... and cars without drivers, have become settled, and AI is helping a lot in marketing...

**Raghav-** Well... How is Major sir?

**Kalyani-** I will tell you... Major Shrikant take this medicine... Good...  
Now take rest...

**Srikanth -** But you will not sleep at once... till then marketing... just...

**Kalyani-** AI based marketing system is proving to be very beneficial for small and medium industries, such as which product is in demand in which field... Insight report of consumers which helps to deliver the product properly...

**Srikanth-** Raghav ji, Just understand that from delivering a product to its customer to knowing the market is good for which products... All this information is available through AI...

**Raghav-** Oh wow, Major Srikanth, when we will retire from army, we should start a good business... All the information will be given by AI... What say Sir...

*(Sound of snoring)*

**Kalyani-** Wait Subedar Major Raghav ji... Your Major Shrikant is asleep... Let's not disturb him... Let's go from here... Sister...

**Sister-** Yes, Doctor

**Kalyani-** Take care of the medicine... Keep calling me... Keep me informed if there is anything... let's go Raghav ji...

**Raghav-** Ok... Let me ask you something better on AI and I will ask you on the way...

*(Sound of moving away)*

**Kalyani-** Yes Raghav ji, Sure... by the way where are you from...

*(The voice becomes lighter and the sound of snoring increases)*

- **End** -