



## **Hyper-Technological Futuristic Vision In Kelley Armstrong's The Rising And J.K.Rowling's Harry Potter And Chamber Of Secrets**

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### **Abstract**

Literature and science are two different domains which influence each other substantially. Twentieth-century science fiction has its predominant influence on fantasy to create awe and wonder. It enables people to discern the rapid advancements in technology and confront looming crises. Apart from science fiction writers, fantasy writers also predict and provide glimpses of the possible future. In contemporary fantasy novels, scientific experiments play a vital role in providing fantasy atmosphere. Apparently, Kelley Armstrong's fantasy novel *The Rising*, tries to portray the hyper-technological futuristic vision that human beings might be genetically modified even before birth through scientific experiments and were monitored and controlled by the Cabals who wish to prepare their employees with supernatural powers to suit to their exigencies. In J.K.Rowling's *Harry Potter and Chamber of Secrets*, magic serves as a character which saves time and labour, in that way it is considered technological. Magic is used as a technology through flying cars, wand, augmented reality through diary and as minuscule- the imprints of science that is evident in her *Hogwarts* saga. This research paper purports to analyze the distinct voices of both Kelley Armstrong and J.K.Rowling and their hyper-technological vision in their novels.

**Key Words:** Hyper-technological Vision, Fantasy, Magic, Futuristic Vision, Supernatural Power.

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### **Introduction**

The domains of science fiction and fantasy have captivated general readers since nineteenth century. Both domains have impacted the developments in film, television and craftsmanship and preferment in scientific technology. Science and technology are coalescent with human lives. It serves as the continuum of the human kind and envisions the unperceived and fortify the human kind for futurity. It maneuvers through technology and creates advertence. Technology has interwoven our lives and continues to advance every day and gives glimpses of possible future. Scientific inventions and discoveries have crafted our lives effortless. It was initially used for luxury, later they became necessary in our lives. It has become soul-sucking mechanization of life too. People are moving away from using technology into being surrounded by technology that enhances all our aspects of life. As Steve Johnson

observes, “Technology. The word has become so commonplace in our culture that we take it for granted, unless, of course, technology doesn’t do what we expect it to do (qtd. by Sheltroun, 55)” It has been absorbed into our day-to-day activities and it has been rampant in the fabric of storytelling.

Literature’s repercussion on scientific technology effectuates the implausible. Speculative fiction, in particular, provides stories that predict future technologies, upcoming crises and suggest solutions. After World War II, science fiction began portraying the dystopian vision, particularly, after the atomic bombs on Hiroshima and Nagasaki in 1945. While they portray the dystopian interpretation of the future, fantasy writers picturize technological utopias i.e., their futuristic technology that might become a phenomenon with a futuristic vision. Usually, science fiction writers predict possible future while fantasy writers predict it with improbabilities.

The technical advancements in science fiction are logical while in fantasy, it is magical. Technology is referred to as “the application of scientific knowledge to the practical aims of human life or, as it is sometimes phrased, to the change and manipulation of the human environment” (Web). Muller states the four ways in which arts had been influenced by Science and Technology in his book “The Science of Art” (1967) as:

- (1) new or altered media as motion pictures, television, electronic musical instruments;
- (2) new subjects, as the microscopic world and outer space; or new point of view, as evolution, the Freudian postulates;
- (3) new ways of communicating, as by telephone, satellites, magnetic tape; and the new devices of staging; and
- (4) increased understanding, as through psychology and techniques of criticism. (Shipley, 25).

It is vital to see the definitions of the terms, hyper, futuristic and vision to extrapolate hyper-technological vision in the select fantasy novels. The term ‘hyper’ is a Greek word which refers to ‘above’ or ‘more than’. It is used as a prefix before technical terms to convey more advanced and more automatic capability. Collins dictionary defines the term ‘futuristic’ as “something that is futuristic looks or seems very modern and unusual, like something from the future”. The term vision means something that a person may imagine or hope it would be like, things will be different from what they are now. “Fantasy contains a prominent or hegemonic element of either the irreducibly supernatural or of what, in terms of a consensus understanding of the real, must be deemed impossible” (Ketterer).

In fantasy novels, technological progression and equipment are a means to save energy and make impossible things possible and scientific inventions too make extraordinary and unprecedented things common. What the world predicted a while ago as futuristic vision is becoming a reality every now and then. Artificial intelligence, mobile phones, 3D printing, tablets and self-driving cars...all innovations insinuated by science fiction and the trend has been bird-dogged by fantasy writers lately. Science fiction and fantasy seem to be discriminable but have certain resemblant and roots. The line between science fiction and fantasy is porous. It should be noted that the term technology refers to the techniques and devices that are used in both the novels. Magic in fantasy is compared to technology in real life. Both Kelley Armstrong and J.K.Rowling unveil their hyper-technological futuristic vision in their *The Rising* and *Harry Potter and Chamber of Secrets* respectively.

### **Genetically Modified Human Beings**

Kelley Armstrong, a Canadian fantasy writer, speculates future through her technological vision in her *The Darkness Rising Trilogy*, a Fantasy series. *The Rising*, the third novel in the trilogy, delineates the narrative of genetically modified teenagers who were provided with ample facilities by Cabals to nurture and resurrect their extinct as well as rare supernatural powers with their surreptitious research. St.Clouds, the second smallest Cabal, has heavily invested in scientific experiments and built Salmon Creek, a separate town for fostering the teens with their specific inherited supernatural power to live with their adopted parents. Maya affirms, “Salmon Creek seemed to have been built as a Petri dish to resurrect extinct supernatural types Project Phoenix. I was Skin-walker, like Rafe, Annie, a brother and

sister who'd come to Salmon Creek looking for answers" (Rising, 4). The teenagers who were genetically modified before their birth have been the subjects of the Project Phoenix. As Maya was a Skin-walker, Daniel was benandanti (demon-hunter) while Corey was trying to find his power. But he had signs of it. Eventually they found out that Hayley and Nicole are xana. Benandanti has the power of persuasion and sileni have the power of charm. Their life began with hopes, desires and dreams but changes were creeping slowly, the teens, with their rebellious nature, began their remonstrance against the Cabals and try to extricate themselves from their actuator.

Furthermore Kelley Armstrong ensures her vision that human beings might be able to predict certain happenings in their life with genetic mutation. Maya and Corey, the teenagers with supernatural powers in *The Rising*, serve as a mouthpiece of the author and provide her vision. They could also visualize their immediate future. The protagonist Maya had visions in her dream, in the near future, she will shape-shift into a Cougar and visualizes the symptoms of shape-shifting.

Apparently, Daniel contrived that Corey had visions of future. When Corey explained what he saw in his vision, Daniel opines, "You're not 'just saying', Corey. You saw who's waiting for us. You had a vision with the headache" ... "You see images of things" (Rising, 47) Maya affirms it by saying, "You see visions of future" (Rising, 48). Daniel explains, "You see images of things... Like Maya with Rafe when we thought he was dead. You saw him with Maya in her backyard. Exactly the way they looked when we found them, right?... it didn't make sense at that time, but after, I started wondering, then we were in that van, you knew it was Maya rescuing us before she got the door open". He was right both about Rafe and the van" (Rising, 48). Corey had another vision when he and his companions were with Project Genesis subjects. Maya elucidates to them, "He's having a vision, I said. "That's what happens" (Rising, 322)". Corey "had his eyes squeezed shut. "Trees", he said. "I'm seeing trees. Which better not mean we're going to end up in another forest, because I am so damned sick-" ... Yep. It's forest. Trees. Trees, and more trees...I see people...They're doing something. Casting spells I think." (Rising, 323).

As the Cabals make sure that their subjects depend on them by using sedatives and tranquilizer rifles to captivate their project subjects when they escape. Daniel states, "We can't exactly take her to a hospital and ask them to fix it. We need help from the people who did this to us" (Rising, 66). Further, Antone, Maya's biological father explains the situation that, "they hoped, woo from the St.Clouds". "Like head-hunting new employees? Seriously?" "That's what you are to them Maya (Rising, 195)". Moreover, Cabals were the huge corporations run and staffed by super naturals; they proffered jobs to regular super naturals like witches and half-demons who didn't need to hide their powers. For Cabals it is, "You work for us: we'll look after you. Wage slaves provided with a decent job and good benefits"(Rising, 83). Instead of hiring people with supernatural powers, they planned to ascertain the people with such origin and recombinant DNA technology of the fetus to patronize their congenital employees with supernatural powers. Apparently, Nast vindicates, "Cabal slaves?... Yes. We expect return on our investment. We expect you to work for us" (Rising,185). Maya retaliates to Nast, "I've been thinking about my future a lot." (Rising, 184). But the Nast rebuffs to Maya's feelings and was keen on making the teens acquiesce to it.

The Cabals began their initial project and after ascertaining out a few failures they perfected their technology and commenced their second project. Eventually, Maya and her companions had to agree Cabals' terms and conditions in order to live with their parents. Maya vindicates, "We agree to their terms, and less than a day later we're seeing the genesis of our new town" (Rising,377). Daniel, Maya and her companions were surprised to witness the Cabals envisioned a new Salmon Creek in Algonquin Park for their future project. In future, in reality, possibilities are for the Cabals to spend huge sum of money to groom their future employees.

### **Enchantment through Incantation**

An incantation is a magical charm triggered on a person or object. Maya ensures, “Cabals have witches so they can use high-powered witch magic, like sensing spells.” (Rising, 96). When Maya, in Cougar form, and her twin brother Ash escape from the couple, Maya ordered Ash to escape and abruptly, Maya was unable to move. Since the witch employed Cabals cast her binding spell and Maya felt,

My legs froze, like someone had disconnected the link to my brain. I skidded muzzle-first to the ground.” And she heard,

“I can’t hold the binding spell for long.

My brain shouted orders. Jump up. Fight. Run. But my body just lay there, as if paralyzed, my eyes fixed open staring at nothing. I felt a dart hit my flank.

Then another. Antone said, “That’s enough! And the world went dark (Rising, 138).

When Dr.Inglis, a doctor as well as a witch, examined Maya after her attempt to save herself from Nicole who hurt her badly, Maya tries to attack doctor; but she cast her spell so that Maya couldn’t reposition herself. Moreover, Cabals were the huge corporations run and staffed by super naturals, they proffered jobs to regular super naturals like witches and half-demons who didn’t need to hide their powers. For Cabals it is, “You work for us: we’ll look after you. Wage slaves provided with a decent job and good benefits” (Rising, 83). Instead of hiring people with supernatural powers, they planned to ascertain the people with such origin and recombinant DNA technology of the fetus to patronize their congenital employees with supernatural powers.

### **Human beings as Assets**

Another vision posed by the author is that, in future, human beings might be looked upon as assets. In Project Phoenix, teenagers who grew without any supernatural powers were murdered secretly. When Maya, in Cougar form, and Ash escaped from the Cabals, their agents informed the animal control and spoke to another office. The voice uttered, “She needs to be found properly and handled with care. She’s a very valuable research subject. It’s critical that we get her back safe and sound... she’s accustomed to people and pose no danger to anyone except herself.” (Rising, 133).

Imminently, Antone, was not allowed to speak to Maya freely. He shouts at the Nasts, “Could I please speak to my daughter in private, sir?”. No. Because you’ll sugarcoat it for her so she doesn’t get sad and cry. We have got a very valuable asset out there. Maya was shocked to hear it and asks, “Asset?” ... “Daniel is not an asset. We’re not assets.” We’re kids. Living, thinking, feeling- (Rising, 142). Ultimately, Maya and her companions had to negotiate with the Cabals as their future employees to live with their parents happily.

### **Shape-shifting**

In fantasy novels, shape-shifting kindles the uncanny and eerie effect and ministers for psychological purposes. As a recurrent motif, it fosters one’s wish to notch up superhuman quality. During crisis, Maya either shape-shifts or had visions of impending occurrences. She states,

I was running through the forest. Running on all fours... Yet somehow my pursuers were catching up. The pounding of their boots was so close I swore my tail switched against them as I ran....

Cougars are sprinters, not distant runners. I had to get into the brush, up a tree, someplace, anyplace I would hunker down, invisible, until they passed, and then –

A dart hit my shoulder. I reared back, snarling, clawing- (Rising,1).

Shape-shifting also serves as an outlet of restrained desires and inhibited animal instincts. Her repressed rare supernatural powers have been resurrected through modification in her genes before her

birth. When she shape-shifts into Cougar she loses a few inherent animal qualities and have certain abnormalities. She vindicates, “While I’d been around humans both times and hadn’t felt any monstrous desire to devour them, I still scrambled away when Daniel approached (Rising, 23)”. Even though she is in Cougar form, she could understand human language and construes. It is evident here, “You, okay? he whispered. I tried to say yes. It came out as a chrr-up, like my bobcat...Daniel smiled.” “That sounds like yes, so I’m guessing you can understand me” (Rising, 24).

Maya harnesses her shape-shifting power to protect her friends during the threatening situation. Eventually, In *The Rising*, the Cabals genetically modified the human beings who can have visions of future, shape-shift in order to save their companions. Eventually, Daniel’s fantasy of possessing a Cougar as a pet has been gratified with Maya’s power of shape-shifting. Even Rafe envied Maya in Cougar form, “Wow, he said. I’m trying so hard to envious right now (Rising, 251)”. In future, through scientific experiments, human beings can be modified by the Cabals to suit to their needs and it is a utopian vision of Kelley Armstrong.

Correspondingly, the most celebrated Harry Potter novels’ author, J.K.Rowling, in her *Harry Potter and Chamber of Secrets*, is utopian in her hyper-technological futuristic vision that is evident in her fantasy novels, but they differ from the use of technology in science fiction since magic, in precision, is considered as technology. Tolkien opines, “The machine is our more obvious modern form though more closely related to magic than is usually recognized.” (Wise,1).

### **Magic as Technology**

Arthur C. Clarke, in his revised essay titled “Hazards of Prophecy”, in his one of the three laws, opines, “Any sufficiently advanced technology is indistinguishable from magic” (qtd. by Scranio). The term ‘technology’ is derived from the Greek word ‘*techne*’ meaning ‘craft’ and can include technology as it is present now. In *Harry Potter* series, the characters actively seek their quest for power through newer ideas influenced by magic. Magic in *Harry Potter* series is flaunted to elongate and accentuate ordinary physical abilities of human beings just as technology enhances ours in real life. In fact, *Harry Potter* is innately magical and his skills are honed with specific and rigorous training in Hogwarts. Longman’s *Dictionary of Contemporary English* defines the term ‘magic’ as, “the use of secret forces to control events and people”. Refinement of innate magical abilities through proper training is seen as a kind of technological development. Further, Sanderson says, “Magic itself a character, and by showing off its laws and rules, the author is able to provide twists, world building and characterization” (qtd.by Strand)

Rowling peppers her immersive and alternate world with magic and technology. In Rowling’s *Harry Potter* stories, the dividing line between magic and technology is blurred and it is porous. The marriage of technology and magic is portrayed by Rowling in two ways. The first is, the technical instruments or items from Muggle world modified with magic such as invisible flying cars, Photos with motion pictures and flying broomsticks. Throughout the series, through Arthur Weasley Rowling expresses her genuine admiration for Muggle technologies. But it is weird. The wizards lack all technologies available in Muggle world but what they do with magic that replaces cleverly technology. The other one is technologies which are used only in wizarding world and the best example are Magic Wand, Floo powder and Invisibility Cloak. In Hogwarts, students learn not only the power of magic but also the misuse of it.

### **Invisible Flying Car**

In a dream, turquoise car is the symbol of God used to speak an exciting message of calling and destiny into the life. It also symbolizes healing, calmness, tranquility, freshness and energy. Ron’s brothers visit Harry’s house and rescued Harry from his uncle’s family. Rowling observed it as, “Harry’s mouth fell open as the full impact of what he was seeing hit him. Ron was leaning out of the back window of an old turquoise car, which was parked in mid-air” (*Secrets*, 25).

To return to Hogwarts, Ron's parents escorted their children along with Harry to the railway station to board Hogwart's Express. Harry was amazed to witness eight people, six large trunks, two owls and a rat to fit into a small Ford Anglia. Arthur showed Harry how the boot of the car is magically expanded to fit the trunks facilely. At the back of car seat, Fred, George, Ron and Harry were comfortably seated side by side while Mrs.Weasley and Ginny seated in the front. Mrs.Weasley asked Harry, "I mean, you'd never know it was this roomy from the outside, would you?" (Rising, 69). They reached the platform number nine and three quarters, magically invisible one. Harry and Ron were unable to crash into the platform since it looked as if it was sealed. They fell down and eventually, decided to follow Hogwarts express by their flying car to Hogwarts. Ron opened and started the ignition with the series of tap of his wand. Ron pressed a tiny button i.e. invisibility Booster on the silver board. Both the car and these two vanished.

Harry could feel the seat vibrating beneath him, hear the engine, feel his hands on his knees and his glasses on his nose...floating a few feet above the ground...It was a different world...It was though they had been plunged into a fabulous dream. This, thought Harry, was surly one way of travel: past swirls and turrets of snowy cloud, in a car full of hot, bright sunlight...and the prospect of seeing Fred and George's faces when they landed smoothly and spectacularly on the sweeping lawn in front of Hogwarts castle. (Rising, 72).

On another occasion, Harry and Ron decided to visit the forbidden forest to follow the spiders. They had a conversation with the spiders, at last, spiders wanted to have Harry and Ron as their feast. While they were struggling to free themselves from the spiders, the flying car, "was thundering down the slope, headlamps glaring, its horn screeching, knocking spider's aside...The car screeched to a halt in front of Harry and Ron and the doors flew open...The doors slammed shut. Ron didn't touch the accelerator but the car didn't need him: the engine roared and they were off" saves them from the spiders who were trying to eat Harry. Surprisingly, When Ron and Harry began to run; the flying car accommodates them and left them in Hogwarts. It can be assumed that Muggle world can automated such flying cars in near future to reach their destination quickly.

### **Augmented Reality through Diary**

Augmented reality is one of the technological visions used by J.K.Rowling in her Harry Potter and Chamber of Secrets in a different way. Merriam Webster dictionary defines augmented reality as "an enhanced version of reality created by the use of technology to overlay digital information on an image of something being viewed through a device (such as a smart phone camera)". When Harry was writing in magical diary, in which, answers to his questions appear via the ink used by him.

Harry potter found a diary in mourning Myrtle's bathroom. At night, after everyone has slept, out of curiosity, Harry took his quill and blots a drop of ink on the diary. To his surprise, it became nonexistent. He wrote his name on it and it also defunct. Then letters began to appear from his own ink. It said, the diary has kept the memories of Tom Riddles when he was sixteen years old. In the novel,

The pages of diary began to blow as though caught in high wind...Harry saw that the little square for June the 13<sup>th</sup> seemed to have turned into a minuscule television screen...he raised the book to press his eye against the little window...the window was widening; he felt his body leave his bed and he was pitched headfirst through the opening in the page, into a whirl of colour and shadow. He felt his feet hit solid ground, and stood, shaking, as the blurred shapes around him came suddenly into focus (Secrets, 256).

Harry saw a video with the entire action sequence which might have happened long back when Voldemort was a student in Hogwarts. Later, Harry gets wind of the fact that Lord Voldemort has commemorated one of his horcrux in the diary which was destroyed by Harry himself at the end of the

novel. Imminently, the authors may begin to write novels with a link featuring a miniature video of the major incidents.

### **Flying Broomsticks**

An enchanted broomstick transports wizards to their destination. In a Quidditch game, players flew through broomstick and the game ends when the seeker catches the golden Snitch. First year students were not allowed to keep their own brooms at Hogwarts. They take their flying lessons with old brooms from the school with Madam Hooch. The way a person balance on a broom controls which direction it has to fly. Harry has the flying ability naturally. It helps him to keep his self-image. His hidden talent was identified by Professor MacGonagall when Harry caught the ball thrown by Malfoy before it hit the window. The Gryffindor team takes him as the seeker in their Quidditch team and he wins the cup for his house. He receives Nimbus 2000 as a gift from his godfather Sirius Black and it is envied by his classmates.

### **House-elf**

House-elves are made of flesh, bones and bat-ears and the Robots of nuts and bolts. Both are more loyal to their masters and perform the duties assigned by masters upon utter surrender. Like robots, House-elves, the magical creatures, are powerful enough to override wizards and they breed infrequently only with their master's permission. Evidently, House-elves are servants to wizards and witches just as humanoid robots to human beings. Again, this "created servant" trope is the influence of science fiction over fantasy novels. Eventually, Rowling envisions our future with the created servants. She is supported by Susan Calvin in *I, Robot* by Issac Asimov. He challenges the young journalist,

(Y)ou don't remember a world without robots. There was a time when Humanity faced the universe alone and without a friend. Now he has creatures to help him; stronger creatures than himself, more faithful, more useful and absolutely devoted to him. Mankind is no longer alone. Have you ever thought of it that way? (qtd.by Strand,186).

When Harry was injured in Quidditch, he was in hospital wing for regrowing his bones which were removed by Lockhart's wrong charm. That night, Harry encountered a strange creature a house-elf, Dobby. He warns Harry that his life will put in grave danger if he attends Hogwarts. Harry became furious but pities the house-elf upon hearing his miserable life. Dobby admits that he prevented Harry and Ron from entering the Platform no 9  $\frac{3}{4}$  as well as a rogue bludger. Dobby, the faithful servant of Malfoy family, met Harry as he admires him. Hence, robots will take care of its masters in future.

### **Photos with motion pictures/ Photos featuring moving pictures**

Colin Creevey, a Gryffindor, has Muggle camera and he is fond of Harry Potter and wanted to take photos to know how he got lightening scar on his forehead. However, he wants a proof that he met Harry. He informs Harry that a boy in his dormitory informed him that "if I develop the film in right potion, the pictures'll move" (Secrets, 101.) It is a Muggle technology modified with magic to suit to his needs.

### **Passwords**

In Harry Potter and Chamber of Secrets, there are passwords to enter into the common room of each house. Since, Ron and Harry's entry into platform no 9  $\frac{3}{4}$  was restricted by Dobby, they reached Hogwarts by their flying car. When they reached Gryffindor tower, Ron enquired Hermione about the password to enter into the tower. It resembles the passwords used by human beings in real world to protect their laptops and mobile phones from data theft. Once they obtain the password "wattlebird" (Secrets, 88) from Hermione, they could enter into the common room. Muggles use passwords to protect

their data in modern contrivances like tablets, laptops and android phones. Rowling's envisions, in future, people might enter into our house using passwords alone as biometric and facial recognition is used in workplaces at present.

### **Magic in Wizarding world**

In Harry Potter and Chamber of Secrets, magic is used by wizards alone amidst without any technological contrivances from Muggle world. Wizards perform magic through their wand and magical objects. Magic wand, Floo Powder, Invisibility Cloak, owls as mail service, Potions with magic and passwords to enter into common hall are indeed belong to wizarding world. Rowling's utopian vision is performed through magic and these magical objects.

### **Magic Wand**

In Harry Potter series wand serves as agent, a technical instrument, a tool and a passport to the wizarding world. Rowling, through Weasleys admire the everyday technologies and confirm Arthur Clarke's insight that advanced technologies are magical. Ron's mother makes charms through her wand to cook food and for cleaning. She "flicked her wand over the sink and it began to clean itself with the clinking sound at the background". (Secrets,36). In forbidden forest, Harry took his wand and murmured "Lumos! and a tiny light appeared at the end of it, just enough to let them watch the path for sign of spiders" (Secrets, 287). When Neville Longbottom's wand slipped, Prof. McGonagall restored the vanished leg of the table with the wave of her own wand.

During an encounter with Tom Riddle Harry draws a sword out of Sorting Hat sent by Dumbledore. Rowling opines, "A gleaming silver sword had appeared inside the hat, its handle glittering with rubies the size of eggs" (Secrets, 337). On another occasion, Tom riddle trace Harry's wand through the air and three shimmering words "TOM MARVOLO RIDDLE" appeared which rearranged themselves as, "I AM LORD VOLDEMORT" (Secrets,331). Forever, Magic wand is the prestigious possession of any wizard. If it is removed from a wizard, it is an insult to him. When Hagrid was expelled from Hogwarts his wand is sequestered from him. If he has to use magic, he should obtain permission from Prof. Dumbledore.

### **Invisibility Cloak**

Professor Dumbledore gifted Harry the invisibility cloak, the only object he inherited from his father. It is exceptionally invaluable in wizarding world. When they wear it, they are invisible but the noise they make is audible. Rowling writes, "Invisibility Cloak. It was their only chance of sneaking out of school to visit Hagrid without anyone knowing about it. Harry and Ron visited Hagrid's hut after Hermione is petrified, they discuss it. They hid themselves under the cloak when Dumbledore and Fudge visited Hagrid to arrest him for attacks on Muggleborns. (Secrets, 274)".

### **Floo Powder**

Floo network is a magical linking between Wizard buildings and an accustomed way of rapid transportation of wizards. They spread a pinch of floo powder in fireplace and fire turns into emerald green and harmless in which wizards get into it and shout the name of their destination, it will take them there. Harry was unaware of it. Fred showed Harry how to use it. He took the glittering powder out of the flowerpot and went up to the fire and threw the powder into the flames, with a roar it turned into emerald green and rose higher than Fred. He got into it and shouted "Diagon Alley" and vanished. They spin rapidly in transit, so, they must tuck in their elbows. But if anyone pronounces the name of intended destination unclearly, they cannot reach it. Harry, in his first attempt didn't pronounce it correctly, so went to place where dark arts things shops were existing. Hagrid came and rescued Harry to Diagon Alley.

### **Owls as Mail Service**

Owls are associated with magic and they carry supernatural powers within their bodies. In Muggle world, owls have been represented as an ill omen while they are proffered as staunch servants to witches and wizards in Magic world. Moreover, they are theme characters in contemporary young adult novels. In Hogwarts, owls have been used to dispatch and receive communication. Once, even Harry had the intention of unlocking Hedwig's cage by his power of magic and send letters through her to Ron and Hermione. In the same way, students and professors at Hogwarts communicate via owls. They bring the letters, Christmas Gifts and howlers to Hogwarts. In contemporary world, people communicate via mail. In magic world, every staff and students of Hogwarts own an owl to consign messages, howlers and get responses. Owls can be compared to our mail service, a modern technology

### **Magic Potions**

Harry, Ron and Hermione took Polyjuice potion to transform themselves into Malfoy's companions. Since Hermione was adamant about figuring out the truth about the heir of Slytherin, she brewed a Polyjuice potion which will enable them to shape-shift into someone else. Harry and Ron took the potion and assumed the bodies of Crabbe and Goyle and enter into Slytherin dormitory to enquire Malfoy. Upon knowing that Malfoy himself is unaware they return.

In Quidditch game, Harry clutched the snitch and imploded into ground breaking his arms. In an attempt to mend his bones, Lockhart removed his bones in his hands using a wrong charm. Madam Pomfrey opined, "I can mend bones in a second-but growing them back-... You will be able to, won't you?" said Harry desperately. "I'll be able to, but it will be painful" (Secrets, 183). She gave 'Skele-Gro' to Harry to drink and asked him to stay overnight. In contemporary real world, broken bones can be mended but regrowing bones is impossible but with magic and willing suspension of disbelief, it is made possible.

### **If Technology goes erroneous**

Both Kelley Armstrong and J.K.Rowling commence their discussion about the dangers involved in these experiments too. In *The Rising*, the Cabals murdered the kids who had no signs of supernatural powers in an unsuspecting way. Maya opines, "We were the only ones for whom the modifications seemed to work" (Rising, 81) When the genetically modified subjects grew into teenagers, they encounter challenges. Their brain gets damaged and Annie is the proven example. Annie, Rafe's sister, began shifting but now-a-days, she shifts often. In Maya's words, "It's like she's becoming more...animal. All she cares about is eating and sleeping and running around the woods." (Rising, 66). Scientific inventions have their own ill effects.

Apparently, scientific inventions have their own ill effects. For example, Corey had visions along with raging migraines. Maya opines, "It didn't help that his came with most serious side-effect of all- debilitating headaches"(Rising,72). Nicole one of the teens with supernatural power tried to kill Maya because she is friendly with Daniel. She drowned Serena for dating with Daniel (Rising, 207). On an attempt to kill Maya, she put pillow on Maya's face and kill her. Maya opines, "Not just crazy, Inhuman. She snarled and gnashed her teeth. Then she leaped" (Rising, 208). Maya found out that Nicole has been stimulated by Cabals to attack her. Earlier, she drowned her best friend Serena, out of crush towards Daniel. Maya conveyed the truth to Daniel with hesitation. She discloses, "Nicole Killed Serena... Drowned Serena. She's xana, like we figured. She swam out under the water and pulled Serena down". (Rising, 261). Hence, scientific inventions will become a source of threat if handled without care.

### **Conclusion**

