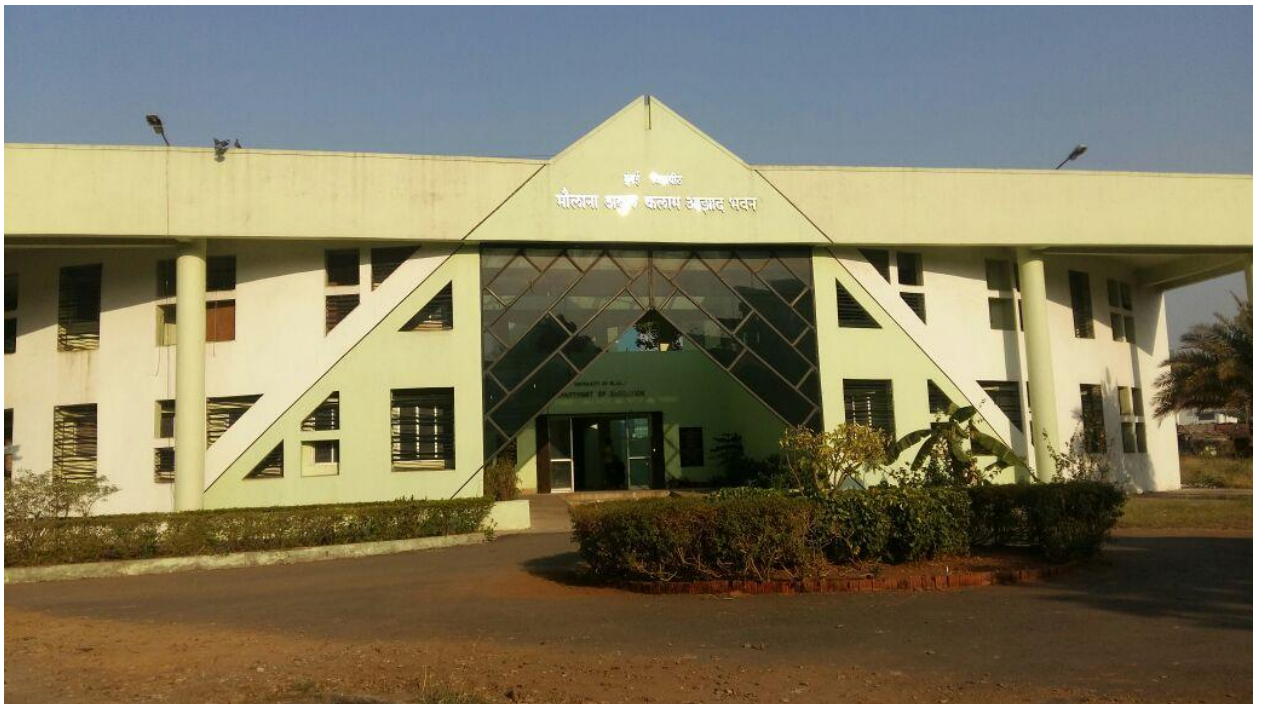


UNIVERSITY OF MUMBAI



DEPARTMENT OF EDUCATION



ANNUAL REPORT

2017

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Compiled by

Dr Sunita Magre , Associate Professor & Head .

Ms. Surabhi Negi, Junior Research Fellow (UGC)

Ms. Sandychris Inchiparamban, Junior Research Fellow (UGC)

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VISION OF THE DEPARTMENT

*A community of excellent teacher educators rooted in tradition,
equipped for the future*

MISSION OF THE DEPARTMENT

*Our students are to become effective and thinking individuals, actively
engaged in life-long learning, problem-solving with a quest for
knowledge, who are able to use their abilities and skills to realize their
roles in society*

FOREWORD

“Learning is not attained by chance; it must be sought for with ardour and attended to with diligence.”

— **Abigail Adams**

This annual report is a glimpse of the various activities that has been conducted at the Department of Education, University of Mumbai in achieving the mission and vision towards excellence in education and deep rooted values.

The year began with a Researchers’ Meet organised by The Internal Quality Assurance Cell (IQAC) of the Department of Education in collaboration with the Homi Bhabha Centre for Science Education, Tata Institute of Fundamental Research (TIFR) in January, it was an enriching session with thought provoking talks and paper reading sessions. Learning and avenues of development never end, it is just the beginning of augmenting our gamut of knowledge, and this was clearly witnessed at the International Seminar on Internationalization of Higher Education: Opportunities, Challenges, and Recommendations organised by the Department of Education and Seva Sadan College of Education and Research. The endeavours of the Internal Quality Assurance Cell of the Department of Education has always been overarching to meet higher standards in Research, hence, the Internal Quality Assurance Cell of the Department of Education in collaboration with the University of Mumbai Library and the Department of Library and Information Science, conducted a workshop in March on Referencing. The session enlightened the participants on ICT-based information sources, documentary sources including primary, secondary, and tertiary sources, and non-documentary sources, and the tools of plagiarism. It was a proud moment for the Department of Education, University of Mumbai to successfully complete in terms of lecture and internals the first batch of students of the Certificate Courses in Instructional Design and Teacher Education for International Schools. The Department of Education bid farewell to Dr. Hemlata Chari in May by felicitating and appreciating the efforts of Dr. Hemlata Chari and her contribution in Education.

The Department of Education, University of Mumbai and the Indian Council of Social Science Research (Western Regional Centre), Mumbai organised a 10 day National level workshop for the benefit SC/ST students with an aim towards hands-on approach of conducting research. The workshop truly set the ball rolling towards having a deeper understanding of the various types of research. It was a privilege to organise the UGC-HRDC Refresher Course for Teacher Educators from August 1 to 22, 2017 at the Department of Education, University of Mumbai with a pertinent theme Technology and Academic

Engagement. The Refresher course had an array of eminent speakers and the various activities that were planned were in line with the theme and sub- theme of the Refresher Course.

After the successful completion of the first batch of students, the Department of Education began with its second edition of the Certificate Course in Instructional Design and Certificate Course in Teacher Education for International Schools in August. In all its efforts towards excellence and progressiveness the orientation for the revised B.Ed. syllabus of the Credit Based Choice System was organised at the Department of Education, University of Mumbai in August. An overview of the Theory and Practicum aspect was discussed at length. The orientation programme for the first year M.Ed. was held in at the Department of Education, University of Mumbai.

The initiatives at the Department of Education have always been to scale greater heights and trace newer paths that will become a milestone for the future. All the efforts are to make human mind progressive and embrace long-term learning.

As I wish the best of success and thanks to all who have been a part of this wonderful journey I would like to conclude in the words of Herbert Spencer “ The great aim of education is not knowledge, but action.” So let us all unanimously drive our learning into action for a knowledge driven society.

DR .SUNITA MAGRE

ASSOCIATE PROFESSOR & HEAD

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ABOUT THE DEPARTMENT OF EDUCATION

The Department of Education, established in 1974, occupies the Maulana Abul Kalam Azad Bhavan at the Kalina Campus of the University of Mumbai. It conducts post-graduate degree, post-graduate diploma, doctoral, and certificate programmes in Education.

The Department is endowed with well-equipped lecture rooms, a reading room, JRF room, and a computer room with each faculty having their own cabin and a Department office. The Department has an active IQAC and undertakes various research endeavours in the field of education in the form of seminars, conferences, and workshops at the local, national, and international levels and paper reading sessions.

Currently, Dr. Sunita Magre heads the Department. The other teaching faculty includes Dr. S. R. Pandya, Professor; Dr. Sybil Thomas, Associate Professor; Dr. Sudha Pingle, Assistant Professor; and Dr. Ashwini Karwande, Assistant Professor.

The support staff includes Mr. R. S. Gurav (Laboratory Assistant), Mr. Vithal Sundarde and Ms. Ratnaprabha Manjrekar (Junior Clerks), Mr. Sawant (Security), Mr. Hari Mohite (Hamal), Mr. Tushar Gawad (Peon), and Mrs. Dulari (Sweeper).

Research scholars presently working at the Department include Junior Research Fellows (UGC), Ms. Jasvanti Maru, Ms. Surabhi Negi.

FACULTY OF THE DEPARTMENT OF EDUCATION



Dr.Sunita Magre
Associate Professor & Head



Dr. Shefali R. Pandya
Professor



Dr. Sybil Thomas
Associate Professor



Dr. Sudha Pingle
Assistant Professor



Dr. Ashwini Karwande
Assistant Professor

SUPPORT STAFF OF THE DEPARTMENT OF EDUCATION



Mr. R.S. Gurav
Laboratory Assistant



Mr. Vithal Sundarde
Junior Clerk



Ms. Ratnaprabha Manjrekar
Junior Clerk



Mr. Hari Mohite
Hamal



Mr. Tushar Gawad
Peon



Mrs. Dulari
Sweeper

RESEARCH SCHOLARS OF THE DEPARTMENT OF EDUCATION



Ms. Jasvanti Maru
JRF (UGC)



Ms. Surabhi Negi
JRF (UGC)

RESEARCHERS' MEET

JANUARY 5 & 6, 2017

The Internal Quality Assurance Cell (IQAC) of the Department of Education in collaboration with the Homi Bhabha Centre for Science Education, Tata Institute of Fundamental Research (TIFR) organized a Researchers' Meet on January 5 & 6, 2017. The Researchers' Meet was held at the Department of Education.

The Meet started with the *Saraswati Vandana* and the lighting of the lamp. This was followed by singing the University song. Dr. Sunita Magre, Associate Professor & Head, Department of Education, University of Mumbai gave the welcome address and explained the purpose of the Meet. The inaugural address was delivered by Dr. K. Subramaniam, Director, Homi Bhabha Centre for Science Education, Tata Institute of Fundamental Research (TIFR). He discussed the challenges encountered in methods of research, choice of tools and sample, and enlightened the participants to look for a practical solution. He also discussed a study done on comparing Mathematics teachers of China and USA on the basis of pedagogical content knowledge and discussed its astonishing findings. Dr. Sybil Thomas Associate Professor, Department of Education, University of Mumbai then gave a comprehensive vote of thanks.

This was followed by a keynote talk by Miss Anjali Noronha, Senior Fellow, *Eklavya*, Bhopal on the topic "Education and Research – Opportunities, Challenges, and Issues. Miss Noronha stressed on the concept of 'the child' (universal child). She questioned if "the child" exists in the true sense? If every child was the same? She then posed a critical question, "If every child has a different personality, background, and upbringing, then why do we have the same curriculum? Miss Noronha stressed that the teacher has to understand each and every child for the learning process to be effective. She emphasized the importance of the role of language in the learning process. Being bilingual is essential in today's times. Miss Noronha also discussed the importance of action researches. She enlightened participants with her experiences at *Eklavya* and guided them as to the correct approach to conducting research. This keynote address was then summed up by the chairperson, Dr. Hemlata Chari, Deputy Director (Academic), Institute of Distance and Open Learning.

INAUGURAL SESSION





KEYNOTE SESSION

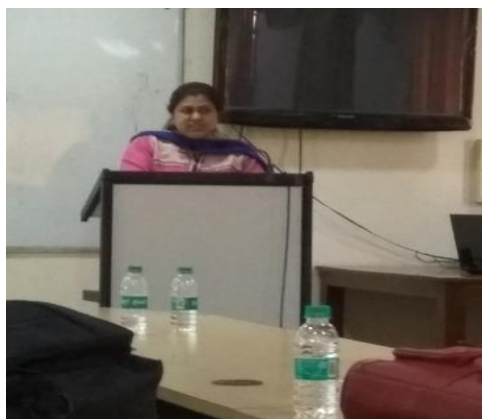


TIME FOR LUNCH



Post-lunch, Day 1 ten paper presentations and this session was chaired by Dr. (Fr.) Frazer Mascarenhas, Governing Body Member, St. Xavier's Institute of Education, Mumbai. Every paper presentation was followed by a discussion. At the end of this session, the chairperson summarized the content presented in a very lively way and spoke about the utility aspect of researches.

PARTICIPANTS PAPER PRESENTATION



Day 2 started with a address by Dr. Archana Mehendale from the Centre for Education, Innovation & Action Research, Tata Institute of Social Sciences. She spoke about educational research and policy-making in contemporary India and the link between them. She said that small level researches should not be ignored. This talk was chaired by Fr. BlaiseD'souza, Manager, St. Xavier's Institute of Education, Mumbai. He summed up the talk and discussed ways to bridge the gap between research and policy-making. He said he believed that our system of education does not respond to the needs of the pupils and, therefore, considering this, a proper policy is needed.

The next talk was delivered by Prof. H. C. Pradhan, Former Centre Director, Homi Bhabha Centre for Science Education, Tata Institute of Fundamental Research (TIFR).He spoke on the significance of statistics. He discussed various concepts of statistics such as ANOVA and Chi-square Tests a practical way. This session was chaired by Dr.Neeraj Hatekar, Director, Department of Economics, University of Mumbai who discussed the correlation between the kind of research undertaken and the selection of the statistical techniques.

Day 2 saw four papers presented. The chairperson for this session was Dr. Sugra Chunawala, Dean, Homi Bhabha Centre of Science Education, Tata Institute of Fundamental Research (TIFR). The papers were discussed at length and suggestions provided to improve them.

The last part of Day 2 saw the valedictory session. It began with one of the participants, Dr.Masarrat Saheb Ali, presenting the report of the event. The chief guest for this session was Dr. Santosh Jadhav, Joint Director, Higher Education, Mumbai Region. Dr. Jadhav, in his address, discussed various funding agencies for research and motivated participants to engage themselves in research activities. This was followed by a speech from the Guest of Honour, Dr. M. S. Kurhade, Principal, Sanskar Education Society's D.T.S.S. College of Commerce, Malad, Mumbai & Dean, Faculty of Arts, University of Mumbai. This was followed by the vote of thanks leading to the culmination of this important event.





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VALEDICTORY SESSION





ONE-DAY INTERNATIONAL SEMINAR ON INTERNATIONALIZATION OF HIGHER EDUCATION: OPPORTUNITIES, CHALLENGES, AND RECOMMENDATIONS

FEBRUARY 22, 2017

Department of Education, University of Mumbai and Sevasadan College of Education, Ulhasnagar, Thane, Mumbai jointly organized One International Seminar on Internationalization of Higher Education: Opportunities, Challenges, and Recommendations on 31st January 2017.

The present one day seminar envisages a meaningful dialogue, discourse and deliberation on the emerging areas of internationalization of Higher Education concern, which should help in developing international understanding and multiculturalism among the stake holders.

Dr. Beena S Khemchandani, Principal Seva Sadan's College of Education, Ulhasnagar in her Welcome Address briefed about the themes of the Seminar. The Guest of Honour, Ms Jenny Hunter, Academic Counsellor, USA - in her speech emphasised that each person have to solve their problems themselves. She shared her childhood experiences, and praised about the Indian culture. She also viewed that everybody should work for the underprivileged sections of the society.

Dr Shashiranjn Yadhav Vice Chancellor Indian institute of Teacher Education (IITE), State University Gujrat were delivered a keynote address. Sir spoke about the dual system of education, emphasizing on the development of skills among the students to make them employable. He shared the five soft skill courses being taught in his institution, namely Communication, ICT, School Management, Dance/Drama/ Painting, DIPTI(developing integral personality through innovation).

There were 30 Research as well as conceptual papers reading in this seminar from all over India and other Countries. the papers were based on the subthemes of the seminar like Internationalization of Higher Education (IHE) theoretical and practical prospective, IHE Approaches, IHE Resources, Institutional responses to IHE, Risks and challenges of IHE, Implication for practice of IHE Effective strategies in IHE and Role of India in IHE

Proceedings of the seminar were published by Principal Dr Beena Khemchandani and Dr Sunita Magre Head of The Department University of Mumbai along with the keynote speaker and guest of honour.

The first technical session was chaired by Dr. Suresh Namdeo Maind, Associate Professor, Economics Department, University of Mumbai. There were in all 12 presenters for the first session. Two papers were research based, and the others were conceptual papers. The papers dealt with the historical

background, need and importance of Internationalization of Higher Education. Approaches and policies relating to Internationalization were also discussed in some of the papers. The various risks and challenges in Internationalization of Higher Education were highlighted in the papers. Threats faced and the Strategies of overcoming the risks of Internationalization constituted the content of some of the papers. The session ended with the critical feedback on the paper presentations, and with a formal Vote of Thanks.

Post Lunch Session was chaired by Dr.Meena Kute, Principal, PVDT college of Education, Mumbai. There were in all 12 paper presenters. The papers talked about the strategies and challenges and also about the role of India in Internationalization of Higher Education. The papers highlighted the current scenario of Internationalization of Higher Education in India and suggestions of different strategies to strengthen the level of Internationalization of Higher Education in India.

At the end of the seminar day certificate were distributed to the participants.







REFERENCING WORKSHOP

MARCH 23, 2017

The Internal Quality Assurance Cell of the Department of Education, in collaboration with the University of Mumbai Library and the Department of Library and Information Science, conducted a workshop on referencing on Thursday, March 23, 2017. The chief guest for the event was Mr. B. K. Ahire, In-charge Director, Knowledge Resource Centre.

The event began with the welcoming of the chief guest followed by the Saraswati puja and the lighting of the lamp. This was followed by the singing of the University Song. Dr. Sunita Magre, Associate Professor & Head, Department of Education, University of Mumbai, then, gave the welcome address.

The first session of the workshop was conducted by Mrs. Sampada V. Jadhav, Assistant Professor (Senior), Department of Library and Information Science, University of Mumbai. Mrs. Jadhav enlightened the audience about various information sources available and used by researchers. She spoke about documentary sources including primary, secondary, and tertiary sources, and non-documentary sources. She also threw light on ICT-based information sources, which seem to be the norm among researchers today.

Ms. Andrea Pinto and Ms. Chhaya Sayam, both assistant librarians at the Jawaharlal Nehru Library, University of Mumbai, conducted the next session on Plagiarism Basics. Ms. Pinto pointed out how rote learning in schools promotes plagiarism and cut-copy-paste is, in fact, a major weapon for plagiarism. Ms. Chhaya, then, introduced the audience to plagiarism tools and demonstrated the use of two of them.

The third session of the workshop on Citation and Referencing Basics was conducted by Dr. Anjali Kale, Assistant Librarian, Rajabai Tower Library, University of Mumbai. Dr. Kale emphasized the importance of using citations and conducted a quiz on the same to drive the point home. She, then, discussed referencing conventions including the APA, Chicago Manual, and MLA styles, and steps in referencing and conducted an activity for the same.

Lunch was followed by a hands-on experience of the use of Zotero, which is a citation management tool.

The event concluded with a formal vote of thanks proposed by Dr. Sybil Thomas, Associate Professor, Department of Education, University of Mumbai. This was followed by the certificate distribution.

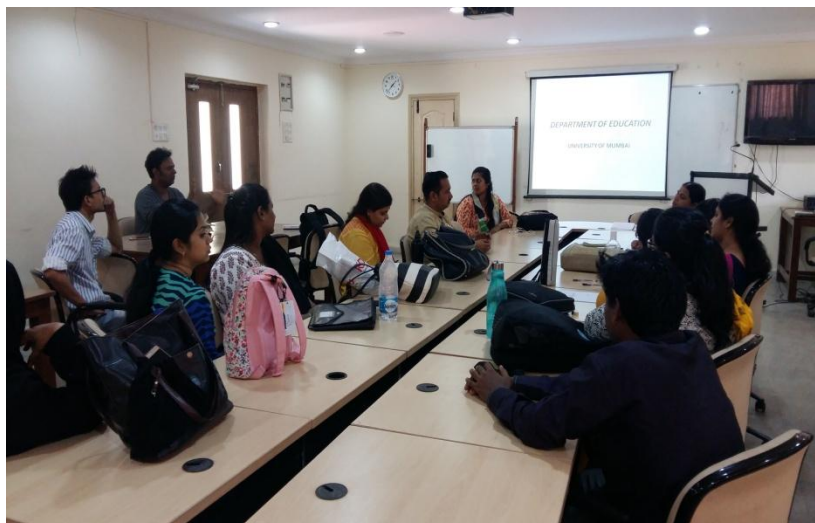
BIDDING FAREWELL TO THE STUDENTS OF THE CERTIFICATE COURSES IN INSTRUCTIONAL DESIGN AND TEACHER EDUCATION FOR INTERNATIONAL SCHOOLS

APRIL 15, 2017

The first batch of students of the Certificate Courses in Instructional Design and Teacher Education for International Schools were bid farewell on April 15, 2017. The two certificate courses were completed successfully in terms of lectures and internals.

During the farewell, the students were given an overall picture of the conduction of the two courses throughout their entire duration. Students were asked to give their opinion about the courses and their feedback was also shared and discussed. The students were also counselled with respect to their theory examination.

The farewell ended with lunch where the students discussed their views about the course and their future prospects.



BIDDING FAREWELL TO DR. HEMLATA CHARI

MAY 6, 2017

The Department of Education bid farewell to Dr. Hemlata Chari on Saturday, May 6, 2017. The Department faculty, headed by Dr. Sunita Magre, well-wishers, and her Ph.D. students, both past and current, were present on this occasion.

All those who were present shared their moments with Dr. Chari, both happy and sad. They all wished her well for her future endeavors. This occasion was celebrated with the cutting of a cake and wonderful memories to behold.





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NATIONAL LEVEL WORKSHOP ON UNDERSTANDING RESEARCH METHODOLOGY IN SOCIAL SCIENCES FOR SC/ST STUDENTS

JUNE 8 TO 18, 2017

A 10-day national level workshop was jointly organized by the Department of Education, University of Mumbai and the Indian Council of Social Science Research(Western Regional Centre), Mumbai for the benefit SC/ST students. The main purpose of the workshop was to guide and offer the participants a hands-on approach of conducting research. It facilitated young researchers to understand the topics of research methodology, focusing on theoretical and practical inputs related to quantitative and qualitative research. This workshop was funded by the Indian Council of Social Science Research (Western Regional Centre), Mumbai.

Day – 1

Inaugural Session

After the University song was sung, Dr. Dolly Sunny, Director, ICSSR-WRC, Mumbai delivered the welcome address. Dr .Sunita Magre, the workshop convener, gave a brief overview of the importance of the workshop and the need for the same. Prof. Ravi Subramaniam highlighted the imperativeness of quality research and its significance in providing support to SC/ST students.







Resource Person: Dr. Sugra Chunawala

Topic: Research Ethics

The inaugural session was followed by a session on research ethics by Dr. Sugra Chunawala. She enlightened the participants about the importance of ethics to be followed while conducting research. She explained that ethical issues were raised when people were involved as participants in research and needs much consideration to maintain quality and conscious in one's research work. According to her, although codes, policies, and principals are important and useful, however like any set of rules, they do not cover every situation, especially in social sciences. They often conflict with known standards and they require considerable interpretation. It is, therefore, important for researchers to learn how to interpret, assess, and apply various research rules, and make decisions to act ethically in various situations.

Resource Person: Dr. Disha Nawani

Topic: Preparing a Research Proposal

Dr. Nawani explained the importance of a research proposal and how it should be framed. She expressed that a research proposal is the document that finally establishes that there is a scope for one's chosen area of study and that the research design is feasible. It is vital as it helps one to think out the research project about to be undertake and predict any difficulties that might arise. She shared the steps involved in drafting of a research proposal with the help of an activity.

Resource Person: Dr. Sunita Magre

Dr. Magre spoke about the objective of the workshop. She explained how the workshop will add to the research acumen and knowledge of the participants. She gave a brief about the workshop schedule to the participants and welcomed everybody.



Day – 2

Resource Person: Prof. Sanjay Kaushik

Topic: Review of Literature

A literature review is usually regarded as being an essential part of student research studies and dissertations. In the process of building knowledge, the literature search is a fundamental requirement of all researches. It is an essential part of any research and Prof. Sanjay Kaushik shared how reviews can be collected, organized, and presented systematically.



Resource Person: Dr. Pradnya Wakpainjan

Topic: Descriptive Research Design

Dr. Wakpainjan said that descriptive research designs hold a special place in educational researches because the humane aspect involved is unique. She explicated that descriptive studies are aimed at finding out what is so observational in the study. She also oriented the participants about the three main purposes of descriptive studies namely describing, explaining, and validating research findings.



Day – 3

Resource Person: Dr.Wankhade

Topic: Tools and Techniques of Data Collection

The collection and organization of data are an integral and critical part of the research process. Dr.Wankhade discussed data acquisition, its importance to research, management of data, and data management plans and tools. He also mentioned that it is extremely important to maintain integrity (accuracy and completeness) while collecting data.



Resource Person: Dr.Agnel Menezes

Topic: Action Research

Action research is an attractive option for teacher researchers, school administrative staff, and other stakeholders in the teaching and learning environment to consider since they encounter challenges in their day-to-day context. Dr.Menezes elucidated how we, the educationists, can make most out of this research model and enhance the overall quality of our educational experience.



Resource Person: Dr. Dolly Sunny

Topic: Importance of Regression Techniques in Social Sciences Research

Regression analysis is a set of statistical processes for estimating the relationships among variables and is important to understand the essence of a research report. Dr. Sunny included many techniques for analyzing several variables in her session.

Day – 4

Library session – Participants were taken to the University Library for research and reference work.

Resource Person: Dr.Vivek Belhekar

Topic: Classical & Modern Methods of Tool Construction

In a research process, success of research work depends upon the appropriate instrument selection and in some cases, its preparation. Data gathering devices are an integral part of research and their construction needs immense dedication and skill. With advancement in technology, there are software that can aid in this process. Dr.Belhekar discussed a lot of such methods. Few tools discussed were inventories, questionnaires, opinionnaires, Q methodology, observation, checklists, rating scales, content analysis, interviews, and sociograms.



Day – 5

Resource Person: Dr. Rita Kothari

Topic: Ethnographic Field Work

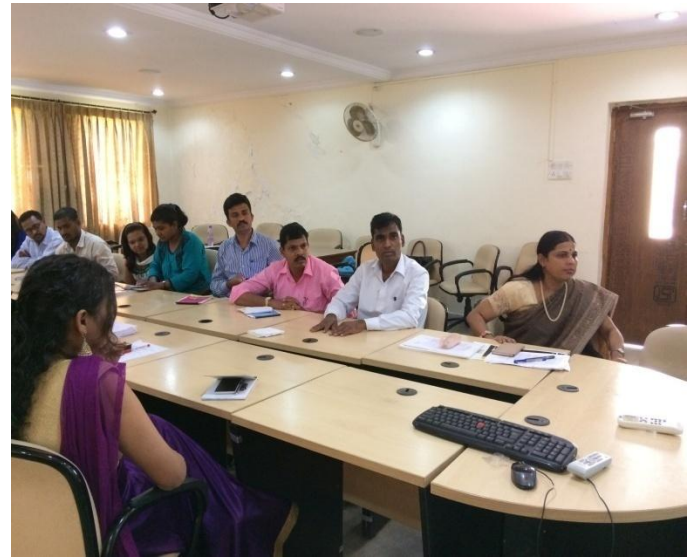
According to Dr. Kothari, there are a number of methodologies that can be chosen for a research but it is important for researchers to know the advantages of choosing ethnography over other methodologies or approaches. During her session, she explained how data collection can be done in ethnography including observation, interviewing, and archival research. She also discussed the prerequisites needed before conducting an ethnographic study and the stages involved. It was an interesting and interactive session.



Day – 6

Group Discussion – It was an active session during which the participants discussed different case studies.





Day – 7

Resource Person: Dr.Ramotra

Topic: Sampling Techniques

Dr. Ramotra insisted that the way in which we select a sample of individuals to be research participants is critical. How we select participants will determine the population to which we may generalize our research findings. The procedure that we use for assigning participants to different treatment conditions will determine whether bias exists in our treatment groups. According to him, if we do a poor job at the sampling stage of the research process, the integrity of the entire project is at risk.



Day – 8

Field Visit to HBCSE

Participants were taken to the Homi Bhabha Centre for Science Education, TIFR, for a day's field visit. They visited the social science resource centre and got the opportunity to interact with the Ph.D. research scholars and faculty of the institution. A lot of insights on the current trends in research in social sciences were shared during this session.



Day – 9

Resource Person: Prof.ChannaBasavaiah

Topic: Report Writing

In this session, Prof. Basavaiah was explained the systematic manner and methodology of writing a research report. It was a useful session where the participants came to know about the do's and don'ts of report writing, which could be followed when they write their research report.



Day –10

Participants Presentation – Participants presented their learnings from the workshop in the form of presentation of their research proposals.





Resource Person: Dr. Devasmita

Topic: Academic Writing

Dr. Devasmita said that academic writing is an essential skill that researchers need to harness if they want to write and publish academic papers. As per her, in academic writing assignments, one starts with asking a good question, then finds and analyzes answers to it, and chooses the best answer to discuss in one's paper. Therefore, one needs to develop skills in researching, evaluating information, organizing, arguing, responding to others' arguments, analyzing, and expressing oneself clearly in writing academically.

Valedictory and Report Reading

At the end of the last day, participants shared their experiences and expounded how fortunate they were to be part of this workshop. Dr. Sunita Magre, Associate Prof & Head, Department of Education, University of Mumbai gave the valedictory address during which she shared her views about the dire need of quality research in the field of social sciences and how workshops like these are important to reach this goal. After the formal vote of thanks, the ten-day workshop came to an end.



TIME FOR LUNCH



REFRESHER COURSE FOR TEACHER EDUCATORS

AUGUST 1 TO 22, 2017

The UGC-HRDC Refresher Course for Teacher Educators was held from August 1 to 22, 2017 at the Department of Education, University of Mumbai. The theme for this course was Technology and Academic Engagement.

At the inaugural session, Dr. M.S. Khurade, Keynote Speaker & Dean, Faculty of Arts, University of Mumbai, emphasized that higher education is the only one thing that will open our third eye. He said that there is a need for transformation only when we decide to do it. The main work of teachers and gurus is to guide the students. Our level of understanding is at an upper level. He said that change is taking place in every field. Only our willpower will allow us to grow, and understand our limitations and our greatness. Technology is a tool as we see it and it will give results. Happiness should get multiplied. If you are happy, make other people happy too.

Dr. Shanti, Director, Academic Staff College, University of Mumbai, believes that ICT revolution will impact education. MOOCs, she said, are the utilization of experiential devices as smart phones, they don't have geographical barriers. Rapid advances are seen in virtual reality and artificial intelligence. She said that the progress and achievement of UGC-HRDC, Mumbai can be seen that it has been ranked 7th in India and its successful completion of more than 100 refresher and orientation programmes.

Dr. Sunita Magre, Coordinator and Head, Department of Education, University of Mumbai, explained the aim of the refresher course: to review the subjects, to update the knowledge of teachers and to improve professional competence and teaching abilities. The themes focused on the different kinds of technology in teaching and engaging student academically.

Day – 1

Resource Person: Dr. Pradnya Wakpajjan

Topic: How to write a Research Proposal

The session focused on the importance of making research proposal, to understand the areas of research, and to compare and arrive at a decision. It also highlighted the significance and importance of a study and the area of contribution. The resource person also emphasized that research will highlight whether it is genuine and worthwhile for study. Social science research has many facets. The session focused on the aspects of a researcher, steps in the formulation of a research problem, the broad areas of research, and the need to frame research questions. It also focused on the types of research, review of literature, variables, and hypotheses. It emphasized on the sampling techniques, limitations, and delimitations of the study. The session threw light on analysis of data, too.

Day – 2

Resource Person: Dr. Vivek Behlekar

Topic: Recent Advances in Test Development

This session focused on intelligence as the ability to solve problems. It also focused on the ability to acquire and apply knowledge and skills. The session focused on experimental designs – Equivalence, Birt and Simon test on Intelligence, Jim Pigments theory of Cognitive Development, and Classical Test theory. It highlighted domain sampling and Item Response theory as well.

Resource Person: Prof. Nagarjuna G.

Topic: Learning and Teaching through Sustained Engagement through Instant Feedback

The session focused on making use of the new technologies and media to connect people with each other. Feedback system, the resource person said, is very important in every field. Knowledge, these days, is transferred in many ways based on ZPD – the difference between what a learner can do without help and what he or she can do with help.

The session also focused on ABCDE – Activity Based Collaborative Distributive Engagement. The main highlight was culture vs. content. Today, we externalize what is there in our mind onto paper. Books can't read themselves; they need agents for it. But computers can read the books as they are being programmed. We have externalized the language but not the interpretations, he said.

Day – 3

Resource Person: Dr. Sybil Thomas

Topic: Philosophical and Psychological Bases of Learning Technology

The topic focused on the definitional issues with regard to Educational technology, Technological Orientations, Epistemological question of knowing, Psychological question of learning, Pedagogical question of teaching, and Social question associated with technology and social transformation. Technology was defined in lucid terms, specifically focusing on activity of practices, object, or knowledge. Technology is always instrumental, it is always used for some end or the other, it is never an end in itself. Hence, Dr. Thomas emphasized that technology without application is not technology at all. Thus, it is important to arrive at the application of knowledge to produce some learning. The focus on educational technology is “learning technology” and hence, it should not be synonymously used as ICT. This session also focused on the role of teachers in design, implementation, and evaluation.

Resource Person: Prof. J.V. Yakhmi

Topic: From Science to Innovations to Job

This talk focused on what science is, what innovation is, and how innovations spring from science. Innovation, Prof. Yakhmi emphasized, creates jobs, influences the job-market, and career options. He also threw light on the exponential, disruptive technologies and how they influence jobs, both present and future. Prof. Yakhmi believes that Science beckons new jobs in the future. He left the participants with the question, “How can educators use technology to bring in new job opportunities?”

Day – 4

Resource Person: Dr. Ramesh Kamble

Topic: Technology and Globalization

Dr. Kamble began by saying that technology is at the center today and the challenges faced by technology are prominent; however, we had not envisaged the role of technology. He said we will need to ask ourselves the following questions:

- Why to talk about technology and not techniques? What are the logos to technology?
- What is the nature of the world policed through contemporary technology as a force that is rooted in transformative matter in relation and power?
- Why technology offers the possibilities of dreams and hopes and challenges?
- What is the nature of technologically organized world? How can we theorize contemporary technology?
- Does technology create equality or inequality as opposed to producing an egalitarian world, leading to technological inequalities?
- What roles do intellectual have in technology? Is it possible for us to be critically intellectual?

Resource Person: Dr.S.C.Agarkar

Topic: Use of Augmented Reality for Effective Teaching

Dr. Agarkar began by saying that teaching is going on from generations and human beings have to be educated and even trained. There is a change in the teacher-student relations and it can be seen through three revolutions: Agricultural revolution, Industrial revolution, and Information revolution.

He said that the Information Age has changed the way people interact with each other and their daily activities. He highlighted the work by EDU 360, an educational tech start-up, in attempting to design technological methods to enhance school education. He also gave the example of Sahi Labs, which uses mobile software solutions for making learning of science interactive. The various benefits of Augmented Reality, he said, was given focus to 1) state of Mind, 2) Teaching concepts, 3) Presentation, 4) Learning types, 5) Content understanding, and 6) Costs.

Day – 5

Resource Person: Dr.Vivek Patkar

Topic: Technology in Education – Expansive Vistas

This session focused on current and advanced technology, the new learners, the evolving role of teachers, technology assessment guidelines, and the challenges. It also highlighted the components of Education – levels, processes, support, ICT categories – computer technology, communication technology, reproduction technology, sensor technology, and artificial intelligence. The advantages of mLearning were dealt with in detail and key approaches such as Partnership, Collaboration, and Shared Learning were discussed. Types of learning such as Enactive mode, Iconic mode, and Symbolic mode were also discussed.

Day – 6

Resource Person: Dr.Rajendra Badawe

Topic: Mind your stress mindfully

Dr.Badawe said that mind is a device operating system. The functions of the mind include awareness, feelings, emotions, voluntary actions, and movements carried out consciously and some unconsciously. We are often stressed because the time between two stresses is very less and there is no time to cope with this change. The frequency of stress in today's life is too much. If we cannot cope with flight and fright, then fright comes in. Dr. Bawade emphasized that fear leads to flocking together and then we multiply the fear.

Day – 7

Resource Person: Dr. Rajendra Agarkar

Topic: Role of teacher in the present health scenario of our country

Our mind is already pre-occupied with some problems and so we always see negative things. Rule of Half – In 100% population, only 50% of people know they have hypertension and then 50% of people go to doctor, and 50% people continue. Our brain, Dr. Agarkar said, can get addicted to sugar and salt. Our job is to teach them to make correct choice.

Resource Person: J.B. Mistry

Topic: Technology, Media, and Education

The session focused on research proposal, test development, inclusion and cybercrime, media convergence for empowerment, role of web, and role of teacher. Media plays a role in technology in education engagement, thus catering to Lifelong learning, Connectivity and Mobility, Personal Attention and Values.

Media convergence through smartphones with global connectivity with apps, earlier broadcast on TV, Radio, Internet and satellite is the in-thing. J.B. Mistry emphasized the need to be sensitive to social issues, and not use too much technology; otherwise we will lose human touch and balance in education.

Day – 8

Resource Person: Dr. G.G. Wankhede

Topic: Inclusion Issue in Higher Education

Dr. Wankhede emphasized that there is no shortcut to knowledge, learning, and hardwork. Teacher–student relationship is intellectual. Education is a mix of social, economic, and national development. Higher education generates skills. In current generation, children are forced to join any course which is not as per their wish – this is due to parental pressure, societal, and peer group pressure. We all are caught between the traditional and modern background. We are stressed in modern ways, our minds are traditional. We are free to support rationally without biased thinking. Dignity and respect are the main factors for equality.

Resource Person: Dr. Kanchana Mahadevan

Topic: Technology: Philosophical Perspective

Philosophy of technology has come up in the last 30 years. Technology is what surrounds and supports us. The mobile phone has reached everyone. Technology is not regarded as applied science but as autonomous as something that encloses and overwhelms the human. Therefore, technology becomes an endeavour of science. Dr. Mahadevan pointed out that both have the capacity to reinforce each other. Technology is a commodity which is forced on us by the Western culture. Technology is not an instrument but it is something that we do or practice.

Resource Person: Dr. Agnes D’costa

Topic: Learning through Cyberspace’

Dr. Agnes highlighted learners, as receptacles of knowledge, learners as communicating, connecting, and collaborating. Traditional learning, she said, is cognitivism and constructivism. This session involved a hands-on experience on making a MOOC on Swayam, Eliademy, and OER Commons.

Day – 9

Resource Person: Dr. Geeta Chedda

Topic: Gender and Society

The session dealt with gender, patriarchy, and feminism. The concept of gender was introduced by women and the first movement was the right to vote. The struggle was for the basic kind of equality and

struggle. One of the reproducing factor which is different is a gender bias system - understanding gender differently from natural structures. Patriarchy is an unequal distribution of resources and unequal distribution of education. Freedom is controlled much for women and less for women. It decides the relation of power and as Dr. Chedda pointed out, natural difference is the reason for social difference.

Resource Person: Dr.Jayashree Shinde

Topic: Role of Web in 3.0 in Education

The session provided hands on experience on MOOCs and Curriki, e-PGpaathshaala, MNEICT and Swayam.

Day – 10

Resource Person: Dr. Karuna Gupta

Topic: Technology: A Must for the Future

Dr. Gupta pointed out that the need of the hour is technology with humanness and human touch. She said, nowadays students listen less than 10% and their attention span is only 7–10 minutes. Student engagement is based on high attention and commitment to the tasks at hand. Learning is of three types – passive learning, selective learning, and active learning. Dr. Gupta emphasized that three practices underpin student engagement – interaction with content, interaction with each other, and with faculty.

Day – 11

Resource Person: Santosh Hulgabali

Topic:Exploring Scholarly Literature Online for Educators

Various social network as tools were emphasized in this session such as Google Scholar, Research Gate, LinkedIn, and Facebook. A total hands-on experience was given as well as metasearch engines were also discussed to enhance research and learning skills.

Resource Person: Ms.Firdos Shroff

Topic: Management Strategies for Academic Engagement

‘Believing yourself’ is the first step in forgetting and knowing thyself. Ms.Shroff emphasized on a plan of action should be designed to achieve long term or overall aim.

Day – 12

Resource Person: Dr.Mandar Bhanuse

Topic: Developing e-contents for Learners

Moodle, as a Learning Management System for teaching–learning evaluation, was discussed in this session. It also focused on the need for e-learning, thus, focusing on a holistic environment and continuous learning environment. The session also threw light on the 3As of learning and the benefits of eLearning. This session culminated with teacher educators receiving online experience of creating MOODLE and CAMSTUDIO, which helped record a video presentation.

Resource Person: Dr.Vidya Naik

Topic: Distance and Online Education in Higher Education

Dr.Naik began by saying that higher education today is internationalization of teaching and research. By 2020 China, India, USA, and Russia are forecasted to account for more than half of the world's tertiary enrolments. The learner characteristics of today are different, with shorter attention span and highly techno savvy, believe only and be convinced, multitasking risk-takers, open-minded, multilingual. Dr.Naik also pointed out that learning is central in knowledge based on societies and economies.

Day – 13

Resource Person: Dr. Dilip Tikle

Topic: Using Digital Resources for Effective Education

The session focused on knowledge, competencies and skills, and the need for new teachers to be facilitators. Today, we see a new world of Open Educational Resources, which enables self-learning; there is also emergence of Edubytes, Open courseware, Open warcity, Home parenting sites, and collaborative learning. Nowadays we focus on BYOD – Bring your Own Device, Virtual classrooms, Digital Classrooms.

Resource Person: Mr.Ram Jha

Topic: Handled Technologies

Mr. Ram Jha discussed the emergence of handled technologies and the importance of the same in the classroom for teachers.

Day – 14

Resource Person: Ms. Sucheta Phadke

Topic: Technology Tools for Academic Engagement

In this session, various tools such as Evernote, XMind, Socrative, and hands-on training were given.

Resource Person: Sachin Dedhia

Topic: Cyber Crime

The importance of safe cyber space and how to secure your Gmail account and Facebook account were dealt with in this session. A lot of information on security measures to be taken while using the Internet was dealt with at length. Anti-hacking websites were also mentioned.

Day – 15

Resource Person: Dr. Sunita Wadikar

Topic: Reflective Teaching, Effective Learning- A Psychological Investment

Dr. Wadikar said that learning is to engage and construct information. As a theory, it is technology-based teaching and learning. She said that approaches to engagement are cognitive and vigour, and dealt with the various methods to focus on engagement in the classroom.

Day – 16

Field visit to St. Xavier's Institute of Education

GLIMPSES OF THE REFRESHER COURSE



Inaugural Session



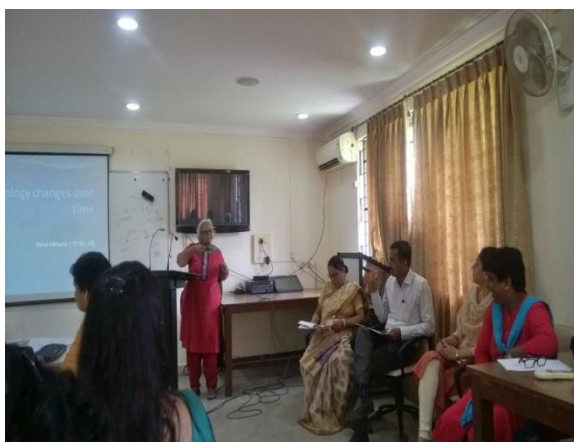
Participants & Chairperson



Computer Lab Session



Session



Presentation Session



Lab Session



Session



Tea time



Visit



Participants Bonding



Valedictory Session



Certificate Distribution

**INSTITUTION OF THE CERTIFICATE COURSES IN INSTRUCTIONAL
DESIGN AND TEACHER EDUCATION FOR INTERNATIONAL SCHOOLS,
AND POST-GRADUATE DIPLOMA IN MANAGEMENT OF EDUCATION
AUGUST 5, 2017**

The Department of Education began with its second edition of the certificate courses, namely Certificate Course in Instructional Design and Certificate Course in Teacher Education for International Schools. The second batch for both programmes were oriented on August 5, 2017.

The Certificate Course in Instructional Design is designed for schools and university instructors to enhance their skills in integrating instructional design for classroom instruction. The purpose of this course is to introduce students and teachers to adapt to the systematic design of instruction. Learners are expected to learn how to plan, develop, and analyze the instructional design process effectively. The course covers various elements of instructional design (ID) process including fundamentals of ID, basic psychological theories of learning, pedagogical designs and models of ID, Communication and Communication Technologies, Instructional Led Teaching, Computer Assisted Instruction and Handheld Technologies. This course, with an intake capacity of 30 students, will run for six months.

The Certificate Course in Teacher Education for International Schools aims to give an extra edge to the student teacher in dealing with the digital natives who are having altogether different mental configuration. Through this course, the teacher educator will be able to develop inter-cultural understanding and global approach to teaching. The duration of this course is six months but a candidate could complete it any time within two years. The intake capacity for this course is 40.

Both courses have been scheduled to be conducted on the working Saturdays of a month with faculty visiting from various teacher training institutions. Two lecture sessions will be held on these Saturdays, one in the morning and the other in the afternoon.

In addition, the next batch for the Post-graduate Diploma Programme in Management of Education (PGDME) was also oriented on the same day. Unlike the two certificate courses, the lectures for PGDME are scheduled from Monday to Thursday every week. This course, too, will be taught by visiting faculty from various teacher training institutions.





B.ED. SYLLABUS (CBCS) ORIENTATION

AUGUST 17, 2017

The orientation for the **revised B.Ed. syllabus** of the **Credit Based Choice System** was organised by Dr. Sunita Magre, Head, Department of Education, and Chairperson, Board of Studies in Education on 17th August, 2017 at the Department of Education, University of Mumbai. The orientation was scheduled from 10:00 AM to 1:00 PM in the Department Conference Room.

The orientation program began at its scheduled time in the presence of Dr. Sunita Magre, Dr. Sybil Thomas, member of BOS in Education, Dr. Heena Wadhwani, Chairperson for the revised B.Ed. syllabus committee, the core members, and participants of different colleges of Education. At the outset, the university song was played to commence the program.

Dr. Heena welcomed the participants and requested Dr. Sunita Magre to give an overall idea about the orientation. Dr. Magre gave a brief insight into the revision of B.Ed. syllabus and the base for revision. She further assured the participating teacher educators that the revision will be presented in a systematic manner so that it can be implemented smoothly. Dr. Sunita Magre further congratulated the core committee for their sincere, dedicated, and focused work. She also warmly appreciated the sub-committee for their support. She thanked Dr. Sybil Thomas and Dr. Beena Khemchandani for their cooperation and guidance to the committee. Dr. Sunita Magre applauded the participating teacher educators, too, for attending in large numbers and the positive energy in the house.

Dr. Heena Wadhwani then made the presentation of the orientation, in which all the points were clearly stated with an overview picture as well as slide-wise detailed explanation of the theory as well as the practicum aspects of the syllabus. After the detailed presentation, the house was asked to submit queries or doubts in written note, if any, so that they could be answered. A small break was announced and refreshments were served. After the break, the core committee members presented different aspects of the syllabus in detail such as the difference between revised and previous syllabus, emphasis on choice, core papers, pedagogy framework, examinations, internship, and other rules and regulations. The doubts and queries of the participants were cleared by Dr. Sunita Magre, Dr. Sybil Thomas, and the members of the core committee.

Dr. Sunita Magre then concluded the session by giving suggestions for fruitful implementation of the revised B.Ed. syllabus and complimented once again the participants for their attendance and participation. She told the participants that the certificate of participation will be distributed at the end of the session. Dr. Magre assured the participants that the PowerPoint Presentation will all be put up on the Department website at the earliest. She also said that this orientation was the only one that the Department had undertaken for this revised syllabus.

The orientation concluded with the vote of thanks proposed by a member of the core committee on behalf of the chairperson of the committee, and all other core committee members. Dr. Sunita Magre, Dr.

Sybil Thomas, and in absentia, Dr. Beena Khemchandani were thanked for their constant guidance and encouragement. The participants were thanked for their presence in large number and were requested to further disseminate the information to their college. The orientation concluded as scheduled. The participants congratulated Dr. Magre and the team for the lucid orientation and clarification of queries. The certificates were distributed to the participants.





M.Ed. ORIENTATION
OCTOBER 9, 2017

The orientation programme for the first year M.Ed. students was held on October 9, 2017 at the M.Ed. classroom at the Department of Education, University of Mumbai.

The students were welcomed to the Department by Dr. Sunita Magre, Associate Professor & Head. She also introduced the students to the faculty of the Department.

Dr. Ashwini Karwande, Assistant Professor and co-coordinator for the M.Ed. Programme then ran the students through the various aspects of the courses including the syllabus, internship, and dissertation. Students were also asked to introduce themselves and directed to complete administrative formalities.

Dr Sybil Thomas Associate Professor was concluding the orientation programme.

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**INSTITUTION OF THE CERTIFICATE COURSE IN RESEARCH
METHODOLOGY ORIENTATION
DECEMBER 15, 2017**

The course was inaugurated formally by welcoming all the visiting faculty and Research scholars for the Certificate Course in Research Methodology in Education. Dr. Sunita Magre – Associate Professor & Head Department of the Education, University of Mumbai, laid down the objectives of the Course, Rules, Exam pattern, Assessment pattern etc. Dr. Sunita Magre also highlighted the importance of research in the present context and the impact of learning research changes our mindset to newer and broader perspectives in life. She also introduced the students to the faculty of the Department. 20 Research scholars enrolled in this course.



“Those people who develop the ability to continuously acquire new and better forms of knowledge that they can apply to their work and to their lives will be the movers and shakers in our society for the indefinite future.” — Brian Tracy

**Don't depend too much on anyone in this world,
because your own shadow leaves you when you are in
the dark.**

Never forget three peoples in your life

- 1. Who helped you in your difficult time**
- 2. Who left you in your difficult time**
- 3. Who put you in your difficult time**