


1. Details of the Teacher/ Academic :

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|-----------------------------------|---|
| Name & Date of Birth : | PROF. SUBHASIS MAJI, 04/01/1956 |
| Date of Joining in IGNOU: | 01/01/1993 |
| Current Designation : | Professor |
| Pay Scale as on date : | Basic Pay : Rs.2,18,200/- Pay Band IV |
| Qualifications : | BE (Mechanical) ; Ph. D (Fluid Dynamics); PGDDE; MADE(Gold Medal); PGDHE; MBA; PGJMC; PGDRD(Gold Medal) ; PGDDM |

2. Honour/Award/Fellowship/membership of Professional body/ Statutory body (internal/ external) received by the Teacher/ Academic:

| Name of the recipient | Honour /Award/ Fellowship name/ membership of Professional body/ Statutory body | Agency name /Name of statutory body/ institution/ Apex body | Period |
|------------------------------|--|--|----------------|
| Prof. Subhasis Maji | National Scholarship Holder | West Bengal Board of Secondary Education | 1973-1978 |
| Do | IDEA | (Indian Distance Education Association) | Life Member |
| Do | ISTE LM 7949 | (Indian Society for Technical Education, New Delhi) | Life Member |
| Do | School Board Member | School of Engineering and Technology, IGNOU | As a Professor |

3. Books/Book Chapter:

- Co-author/co-editor if any, title, place of publication, publisher, Year, page (no) s, ISBN No

| Sl. No. | Name of Author1/ Editor 1, & Co- author (s) / Co-editor (s) (if any) | Title of chapter/book | Place of publication | Publisher | Year | Total Pages | ISBN No. |
|----------------|---|------------------------------|-----------------------------|------------------|-------------|--------------------|-----------------|
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4. Research Articles/Publications:

| Sl. No. | Author/ Co-author (if any) | Title | Name of Journal | Volume | page no. (s) | Year | ISSN No |
|---------|--|--|--|------------|--------------|-----------------|--|
| 1. | Prof. P K Sen, Mr. D. Venketeswarlu, Mr.. Subhasis Maji, | <i>“On the stability of Pipe-Poiseuille flow to finite-amplitude axisymmetric and non-axisymmetric disturbances”</i> , | Journal of Fluid Mechanics | Volume 158 | pp 289-316 | 1985 | Printed in Great Britain |
| 2. | Prof. Subhasis Maji | <i>“Engineering Programme through Distance Mode of Education – an effort to conduct Practical, Projects and Assignments”</i> | Research Journal Devoted to Distance and Non Formal Education, | Vol.10 | No.1 | 2001 | Directorate of Distance Education, University of Kashmir |
| 3. | Prof. Subhasis Maji | <i>“Continuing and Distance Education Programmes in Engineering :IGNOU-Industry Partnership”</i> | Journal of Distance Education, | Vol. III | No.110 | 2001 | Directorate of Distance Education, University of Jammu |
| 4. | Prof. Subhasis Maji | <i>“Flexible and Modular Curricula in Mechanical Engineering (Manufacturing Management) Though Distance Mode of Education”</i> | Periyar Research & Development, Tamil Nadu, | Vol.10 | No.1 | November, 2001 | |
| 5. | Prof. Subhasis Maji, & Dr. N. Venketeshwarlu | <i>“Multimedia Technology in Distance Education in Engineering Programme”</i> | Journal of Distance Education | Vol. IX | No.1 | 2002 | Directorate of Distance Education, University of Jammu. |
| 6. | Prof. Subhasis Maji & Mrs. Mridula Maji | <i>“Training for Effective Management in Open learning System - A Case Study of IGNOU Employees”</i> | , Indian Journal of Vocational Education | Vol.5 | No.1 | 2002 | Published by PSS Central Institute of Vocational Educational (PSSCIVE), National Council of Educational Research and Training (NCERT), Bhopal. |
| 7. | Prof. Subhasis Maji & Mrs. Mridula Maji | <i>“Contribution to Quality of Labour through Open Learning system”</i> | Periyar Journal of Research & Development, Tamil Nadu | Vol.1 | No.3 | September, 2002 | |
| 8. | Prof. Subhasis Maji & Mrs. Mridula Maji | <i>“Digital Media Communication in Open Learning System”</i> | Research Journal Devoted to Distance and Non Formal Education | Vol. 12, | No. 1, | 2002. | Published by Directorate, Centre of Distance Education, University of Kashmir, Srinagar |

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|-----|---|--|---|--------------------|----------------|------------------|--|
| 9. | Prof. Subhasis Maji & Mr. P. Srinivas Kumar | <i>"Impact of Internet and World Wide Web (WWW)"</i> | Research Journal Devoted to Distance and Non Formal Education. | Vol. 12 | No. 1 | 2002. | Published by Directorate, Centre of Distance Education, University of Kashmir, Srinagar, |
| 10. | Prof. Subhasis Maji & Mrs. Mridula Maji, | <i>"IGNOU and Rural Institutes: Pragmatic Possibilities"</i> | Journal of Distance Education. | Vol. 10 | No. 1 | 2003 | Published by Directorate of Distance Education, University of Jammu, |
| 11. | Prof. Subhasis Maji, | <i>"Quality Assurance in Technical Education: Possibilities through E-Learning in Distance Education"</i> | Indian Journal of Technical Education | Vol. 26 | No. 2 | April-June, 2003 | Published by All India Council for Technical Education |
| 12. | Dr. A. S. Guha and Prof. Subhasis Maji | <i>"E-Learning; the Latest Spectrum in Open and Distance Learning"</i> | Social Responsibility Journal | Vol. 4 | No. 3, | 2008 | Printed in UK |
| 13. | Manoj Kumar, Dr. B. B. Arora, Prof. Subhasis Maji | <i>"Study of inlet conditions on diffuser performance"</i> | International Journal of Theoretical and Applied Mechanics, | Volume 5 No. 2 | pp. 201-221 | 2010 | ISSN 0973-6085 |
| 14. | Manoj Kumar, Dr. B.B.Arora., Prof. Subhasis Maji | <i>"Analysis of Flow Separation in Wide angle Annular Diffuser"</i> | International Journal of Applied Engineering Research | Volume 5 Number 20 | pp. 3419–3428. | 2010 | ISSN 0973-4562 |
| 15. | Manoj Kumar, Dr. B. B. Arora, Prof. Subhasis Maji and S. Maji | <i>"Inlet behavior for flow through annular Diffuser"</i> | International Journal of dynamics of Fluids | Volume 7 | NO. 2 | 2011 | ISSN 0973-1784 |
| 16. | Manoj Kumar, Dr. B.B.Arora, Prof. Subhasis Maji | <i>"Effect of Equivalent Cone Angle on the Performance of Annular Diffuser"</i> | International Journal of Fluids Engineering | Volume 4, No.2 | pp 97-194. | 2012 | ISSN 0974-3138 |
| 17. | Manoj Kumar, Dr. B.B.Arora, Prof. Subhasis Maji, | <i>"Effect of Area Ratio and Inlet Swirl on the Performance of Annular Diffuser"</i> | International Journal of Applied Engineering Research | Volume 7, No. 13 | pp 1493-1506 | 2012 | ISSN 0973-4562 |
| 18. | Sridhar S., Prof. Subhasis Maji | <i>"Investigation of Moisture Diffusion Process in Fibre Reinforced Composites at Elevated Temperatures by Studying the Diffusivity Factors in Accelerated Hot Wet Resin Matrix for Water Body Structures"</i> | International Journal of Emerging Technology and Advanced Engineering | Volume 4, Issue 7 | pp. 126-133 | July 2014 | ISSN 2250-2459, |
| 19. | Sridhar S., Prof. Subhasis Maji | <i>" Investigation of Moisture Diffusion Process and Degradation of Impact Strength in Fibre Reinforced Composites at Elevated Temperature"</i> | International Journal of Emerging Technology and Advanced Engineering | Volume 4, Issue 8 | pp. 141-146 | August 2014 | ISSN 2250-2458 |

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|-----|---|---|---|---------------------|-------------|-------------------------|--|
| 20. | Sridhar.S, Prof. Subhasis Maji | <i>"Durability Analysis of Glass Fibre Reinforced Epoxy Composite Laminate after Moisture Diffusion by Accelerated Testing and Life Prediction"</i> | International Journal of Mechanical, Robotics and Production Engineering | Volume V, Issue IX | pp.37-45 | Sep 2015 | ISSN: 2349-3534 |
| 21. | Sridhar.S, Prof. Subhasis Maji | <i>"Fatigue Durability Analysis of Glassfibre Reinforced Epoxy Composite laminate and Damage Estimation and Loading Prediction"</i> | International Journal of Mechanical and Production Engineering | Volume -3, Issue-10 | pp.107-110 | Oct-2015 | ISSN: 2320-2092 |
| 22. | Sridhar.S, Prof. Subhasis Maji | <i>"Degradation analysis in Tensile property after accelerated moisture diffusion in Glassfibre reinforced composites"</i> | International Journal of Mechanical and Production Engineering | Volume 3, Issue 11 | pp. 126-134 | Nov. 2015 | ISSN: 2320-2092 |
| 23. | S.R. Kumbhar, Prof. Subhasis Maji and Bimlesh Kumar | <i>"Fabrication and Response Analysis of Magnetorheological Elastomer"</i> | Material Science Research India (MSRI), An International Peer Reviewed Research Journal | Vol. 9 | No. 1 | June 2012 | |
| 24. | S. R. Kumbhar, Prof. Subhasis Maji, Bimlesh Kumar | <i>"Comparative Dynamic Mechanical Analysis Study of Rubber and Magnetorheological Elastomer"</i> | International Journal of Applied Engineering Research | Vol. 10, No. 71 | pp. 531-534 | 2015 | RIP Publication |
| 25. | S. R. Kumbhar, Prof. Subhasis Maji, Bimlesh Kumar | <i>"Comparative Study of Magneto-rheological Elastomeric and Rubber Bushings"</i> | Technical Journal of the Institution of Engineers (India), Pune Local Centre | Volume 38 | pp. 275-278 | Novemb er 2014 | ISBN-978-81-924990-2-4. |
| 26. | S. R. Kumbhar, Prof. Subhasis Maji, Bimlesh Kumar | <i>"Research on Smart Materials for Automotive Applications"</i> | Journal of Automobile Engineering and Applications (JoAEA), STM Journals | Vol. 1, Issue 1 | pp. 6-14 | Jan. – April 2014 | DOL.: 10:1260/1708-5284.10.6.535, (Scopus Indexed) |
| 27. | S. R. Kumbhar, Prof. Subhasis Maji, Bimlesh Kumar | <i>"Automotive Vibration and Noise Control Using Smart Materials: A State of Art and Challenges"</i> | World Journal of Engineering (WJE) China, Multi Science Publishing | Volume 10, No. 6 | pp. 535-542 | Dec. 2013 | ISSN 1708-5284 Wireilla Scientific Publications, New South Wales, Australia, |
| 28. | S. R. Kumbhar, Prof. Subhasis Maji, Bimlesh Kumar | <i>"Development and Testing of MRE Bushing for Road Vehicle Suspension System"</i> | International Journal of Recent Advances in Mechanical Engineering (IJMECH) | Vol. 2, No. 3 | pp. 37-44 | August 2013 | ISSN 2200:5854, |

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|-----|---|--|--|----------------|---------------|------------------|--|
| 29. | S. R. Kumbhar, Prof. Subhasis Maji, Bimlesh Kumar | <i>"Development & Characterization of Isotropic of Magnetorheological Elastomers"</i> | Universal Journal of Mechanical Engineering (UJME) | Vol. 1, No. 1 | pp. 18-21 | June 2013 | Horizon Research Publishing, USA (HRPUB), DOI:10.13189/ujme.2013.010103 |
| 30. | S. R. Kumbhar, Prof. Subhasis Maji, Bimlesh Kumar | <i>"Dynamic Mechanical Analysis of Magnetorheological Elastomer"</i> | IEEE International Conference on Energy Efficient Technologies for Sustainability (ICEETS'13), | | pp. 870-873. | 10-12 April 2013 | DOI: 10.1109/ICEETS.2013.6533500, 978-1-4673-6150-7/13/\$31.00© 2013 IEEE, |
| 31. | S. R. Kumbhar, Prof. Subhasis Maji, Bimlesh Kumar | <i>"Magnetorheological Elastomers: Preparation and Dynamic Response Analysis"</i> | Proceedings of ACMFMS 2012, Mechanics of Functional Materials and Structures | | pp. 236-239 | 5-8 Dec. 2012 | ISBN no. 978-81-8487-248-4 |
| 32. | S. R. Kumbhar, Prof. Subhasis Maji, Bimlesh Kumar | <i>"Dynamic Characterization of Magnetorheological Elastomers under Compressive Loading"</i> | International Journal of Mechanical Engineering (IJME) | Vol.1, Issue 2 | pp. 37-40 | Nov. 2012 | ISSN (Print):2319-2240; ISSN (Online): 2319-2259; International Academy of Science, Engineering and Technology |
| 33. | Rajat Pardal, Prof. B. B. Arora, Prof. Subhasis Maji | <i>"Study of Thermo Economic Analysis"</i> | International Journal of Applied Engineering Research | Vol. 7 | pp. 1563-1567 | 2012 | RIP Publication; |
| 34. | Rajat Pardal, Prof. B. B. Arora, Prof. Subhasis Maji | <i>"Thermo Exergetic Analysis of Steam Power Plant",</i> | International Journal of Engineering Studies | Vol. 8 | pp. 11-19 | 2016 | RIP Publication |

5. Policy Documents Reports/ Mimeos:

| SNo. | Title | Institution/ Agency | Year |
|------|-------|---------------------|------|
| 1. | | | |
| 2. | | | |

6. Book Review published : Nil

| SNo. | Author/ Co-author (if any) | Title | Name of Journal | Volume | page no. (s) | Year | ISSN No |
|------|----------------------------|-------|-----------------|--------|--------------|------|---------|
| | | | | | | | |

7. Presentation/Invited talk/Chair in National or International Seminar/Conference/ Workshops (Please do not mention if it is only participation without presentation)

| SNo. | Author/ Co author (if any) | Title of presentation, /Talk/Lecture | Name Organizing institute | Conference | City | Date and Year |
|------|----------------------------|--|--|--|----------------|--------------------------|
| 1. | Prof. S. Maji | Conducting Practical and Project Courses in Science and Technology through Distance Education” | Post-AAOU Satellite Round Table Conference | Conference | New Delhi | 23.02.95 |
| 2 | Prof. S. Maji | “Strategy and Policy of Continuing Engineering Education Facing 21 st Century” | Tsinghua University | International Symposium | Beijing, China | 28-31 May, 2000 |
| 3. | Prof. S. Maji | From Postal Tuition on Virtual Classroom: Changing Contours of Methodologies Technologies and the Learning Environment | Indian Distance Education Association (IDEA) | VIII Annual Conference of Indian Distance Education Association (IDEA) | Warangal | during 22-24 March, 2001 |
| 4. | Prof. S. Maji | Convergence of Formal and Non Formal and Distance Modes of Education: Trends and Perspectives | | IX Annual Conference of Indian Distance Education Association (IDEA) | Jammu | March 13-15, 2002 |

8. Study Tour Organised/ Participated/ Attachment Organized/Internship:

| S.No | Details of the tour | Name of coordinating body | Duration |
|------|---------------------|---------------------------|----------|
| 1. | | | |

9. Consultancy assignment (if any):

| S. No. | Organization/ agency | Cost, title of consultancy | Duration |
|--------|----------------------|----------------------------|----------|
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(Duly authenticated by the Director/ Head of School/ Division/ Unit/Centre / Cell)
10. Details of Institution/ Government/ Industry / own Institution Sponsored Research Projects (including Programme Evaluation) and Amount (Both completed and ongoing):

| SNo. | Agency | Amount | Duration with dates | Status i.e. ongoing/ completed |
|------|--------|--------|---------------------|--------------------------------|
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11. Details of PhD and MPhil Scholars (including those awarded degree):

| S. No | Name and enrolment no: | Year of registration | Year of completion/ award |
|-------|---|----------------------|---------------------------|
| 1 | Mr. P.Sreeraj 112247008 | 2011 | 2014 |
| 2 | Mr. Manoj Kumar 100165460 | 2010 | 2014 |
| 3 | Mr. S. Sridhar. 131636480 | 2013 | 2017 |
| 4 | Mr. Sanjay Ramchandra. Kumbhar 122877658 | 2012 | 2017 |
| 5 | Mr. Rajat Pardal, 112246962 | 2011 | 2018 |

12. Details of Programmes/ Courses coordinated/ written/ edited/ translated:

| S. No. | Programme | Course | Unit (print)/ Audio/ Video/ SLM | Coordinated/Written / Edited (content/ language/ format)/ Translated | Period |
|--------|-----------|--------------------------------------|--|--|-----------------|
| 1 | BTME | Engineering Mathematics-I BME 001 | Unit 10: Matrices & Determinants | Written 3 Units | Feb.,2005 |
| 2. | BTME | Engineering Mathematics-I BME 001 | Unit 11: Probability | | |
| 3. | BTME | Engineering Mathematics-I BME 001 | Unit 12: Testing of Hypothesis | | |
| 4. | BTME | Quality Engineering BME 007 | Unit 8: Quality Functions Deployment | Written 5 Units | Feb.,2005 |
| 5. | BTME | Quality Engineering BME 007 | Unit 9: Failure Mode Criticality Analysis | | |
| 6. | BTME | Quality Engineering BME 007 | Unit 10: Cause & Effect Analysis | | |
| 7. | BTME | Quality Engineering BME 007 | Unit 11: Reliability | | |
| 8. | BTME | Quality Engineering BME 007 | Unit 13: Cost of Quality | | |
| 9. | BTWRE | When Water Breaths Again ET507B | Video | Coordinated | September, 2005 |
| 10. | BTCM | Concrete Technology ET 522 | Video | Coordinated | November, 2005 |

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|-----|------------|--|----------|-----------------------------------|-----------------------|
| 11. | BTME | Engineering Mathematics-I BME 001 | 12 UNITS | Course Coordinator | Feb.,2005 |
| 12. | BTME | Mechatronics BME 006 | 17 UNITS | Course Coordinator | Dec., 2004 |
| 13. | BTME | Quality Engineering BME 007 | 14 UNITS | Course Coordinator | Feb.,2005 |
| 14. | BTME | BMEL 002 | 1 UNIT | Course Coordinator | April 2005 |
| 15. | BTME | Metrology & Instrumentation BME 014 | 9 UNITS | Course Coordinator | December, 2005 |
| 16. | BTME | Laboratory IV BMEL 004 | 1 UNIT | Course Coordinator | December, 2005 |
| 17. | BTME | Energy Conservation BME031 | 15 UNITS | Course Coordinator | |
| 18. | BTCM/BTWRE | Mathematics – I ET-101 (A) | 18 UNITS | Course Development Coordinator | March, 1994 |
| 19. | BTCM/BTWRE | Mathematics– II ET-101 (B) | 9 UNITS | Course Development Coordinator | September, 1994 |
| 20. | BTCM/BTWRE | Engineering Thermodynamics ET-201 (B) | 14 UNITS | Course Development Coordinator | Jan.- April 1995 |
| 21. | BTCM/BTWRE | Mechanics of Fluids ET-201 (A) | 16 UNITS | Course Development Coordinator | Jan. May 1996 |
| 22. | BTCM/BTWRE | Open Channel Flow ET-533 (A) | 14 UNITS | Course Development Coordinator | April-Aug. 1996 |
| 23. | BTCM/BTWRE | Mechanical Equipment in Construction ET-581 (F) | 9 UNITS | Course Development Coordinator | July,1996 |
| 24. | BTCM/BTWRE | Operation Maintenance of Construction Equipment ET -523 (B) | 12 UNITS | Course Development Coordinator | October, 1996 |
| 25. | BTCM/BTWRE | Laboratory – I (ADCM) ET-571 | 8 UNITS | Course Development Coordinator | December, 1996 |
| 26. | BTCM/BTWRE | Laboratory – I (ADWRE) ET -573 | 4 UNITS | Course Development Coordinator | December, 1996 |
| 27. | BTCM/BTWRE | Computer Applications ET-301 (B) | 6 UNITS | Course Development Coordinator | October, 1996-1997 |
| 28. | BTCM/BTWRE | Materials Science ET -204(A) | 10 UNITS | Course Development Coordinator | March-April 1997 |
| 29. | BTCM/BTWRE | Foundation Engineering Et 501(B) | 8 UNITS | Course Development Coordinator | March, 1997 |
| 30. | BTCM/BTWRE | Quantity Surveying and Valuation ET – 521 (D) | 3 UNITS | Course Development Coordinator | April, 1997 |

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|-----|------------|---|----------|-----------------------------------|-------------------------|
| 31. | BTCM/BTWRE | Hydraulic Structure – I ET – 536(A) | 12 UNITS | Course Development Coordinator | Jan.-Feb. 1998 |
| 32. | BTCM/BTWRE | Mathematics – III ET – 102 | 16 UNITS | Course Development Coordinator | Jan.-Oct. 1999 |
| 33. | BTCM/BTWRE | Hydraulic Structure ET -535 (B) | 6 UNITS | Course Development Coordinator | Nov. 1999- Jan. 2000 |
| 34. | BTCM/BTWRE | Flow in Open Channel ET-540(B) | 8 UNITS | Course Development Coordinator | Feb. 2000 |
| 35. | BTCM/BTWRE | Laboratory –II ET-574 | 1 UNIT | Course Development Coordinator | June-May 2000 |
| 36. | BTME | Materials Science BME-018 | 6 UNITS | Course Development Coordinator | March-Aril 2001 |
| 37. | BTME | Energy Conversion BME - 301 | 15 UNITS | Course Development Coordinator | April-June 2002 |
| 38. | BTME | Safety Engineering BME - 030 | 8 UNITS | Course Development Coordinator | May 2002 |
| 39. | BTME | Engineering Mathematics-I BME 001 | 12 UNITS | Course Development Coordinator | Feb.,2005 |
| 40 | BTME | Mechatronics BME 006 | 17 UNITS | Course Development Coordinator | December, 2004 |
| 41. | BTME | Quality Engineering BME 007 | 14 UNITS | Course Development Coordinator | Feb.,2005 |
| 42. | BTME | Laboratory I BMEL 002 | 1 UNIT | Course Development Coordinator | April 2005 |
| 43. | BTME | Metrology & Instrumentation BME 014 | 9 UNITS | Course Development Coordinator | December, 2005 |
| 44. | BTME | Laboratory IV BMEL 004 | 1 UNIT | Course Development Coordinator | December, 2005 |
| 45. | BTME | Energy Conservation BME - 031 | 15 UNITS | Course Development Coordinator | Dec. 2007 |
| 46. | BTCM/BTWRE | Mechanics of Fluids ET 201 A | 12 UNITS | PARTICIPATED IN Vetting | Jan.-May 1995 |
| 47. | BTCM/BTWRE | Engineering Mechanics ET 202 A | 11 UNITS | PARTICIPATED IN Vetting | Feb. 1996- 97 |
| 48. | BTCM/BTWRE | Strength of Materials ET - 502A | 15 UNITS | PARTICIPATED IN Vetting | Feb.. – March 1997 |
| 49. | BTCM/BTWRE | System Methods ET-301A | 4 UNITS | PARTICIPATED IN Vetting | 1996 |
| 50. | BNS | Physics BNA – 012 | 5 UNITS | PARTICIPATED IN Vetting | October, 2006 |
| 51. | BTME | Strength of Materials BME – 017 | 3 UNITS | PARTICIPATED IN Vetting | Feb. 2007 |

13. Training programmes designed and conducted, duration and dates

| SNo. | Programme | Dates | Place | No. of Participants |
|------|---|--|--|---------------------|
| 1. | Development of Self Instructional Material (SIM) | 14 Days (Duration) | IGNOU | 30 |
| 2. | Basic Experiments in Fluid Mechanics | 5 Days (Duration) | IIT, Delhi | 35 |
| 3. | Training On interactive multimedia on macromedia Director and Flash | 5 Days, 02-06 Sept. 2002 | IGNOU | 30 |
| 4. | Workshop on Programme evaluation | 3 Days, 23-25 Oct. 2002 | STRIDE, IGNOU | 25 |
| 5. | International Workshop on interactive Multimedia in Distance Learning | 9 th to 25 th Nov. 2004 | DEC, TEFED, SACODIL, CEMCA | 35 |
| 6. | Workshop on Scenario Based e-Learning (SbeL) Designs | 21-23 Nov. 2007 2 nd -5 th Jan. 2008 | IGNOU & Commonwealth of Learning | 30 |

14. Details of Counselling sessions conducted:

| S. No. | Programme | Course | Place | Dates | Duration | Mode (Specify- Face to Face Radio counselling Teleconferencing Web conferencing Any Other) |
|--------|-----------|--|----------------|------------|----------|---|
| 1. | BTCM | ET-201A: Fluid Static and Kinematics | AIR, DELHI | 10/06/2001 | 60 min. | Radio-Counselling |
| 2. | BTCM | ET-301A: Project Scheduling Techniques in Construction | EMPC, IGNOU | 12/08/2001 | 60 min. | Radio-Counselling |
| 3. | BTCM | Engineering Programmes through Distance Mode | EMPC, IGNOU | 14/11/2004 | 60 min. | Radio-Counselling |
| 4. | BTCM | ET-581F: Mechanical Equipment in Construction | EMPC, IGNOU | 22/05/2005 | 60 min. | Radio-Counselling |

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| 5. | BTCM | ET-507A: Environment and Sustainable Development | EMPC, IGNOU | 05/06/2005 | 60 min. | Radio-Counselling |
| 6 | BTAE | BAS – 003: English and Communicatio n Stall | EMPC, IGNOU | 08 – 02– 2009 | 60 min. | Radio-Counselling |
| 7. | BTCM/BTWRE | ET -201A: Application of Fluid Dynamics | EMPC, IGNOU | 08- 03 – 2009 | 60 min. | Radio-Counselling |
| 8. | BTCM/BTWRE | Student Support Services for Engineering | EMPC, IGNOU | 26 –04 – 2009 | 60 min. | Radio-Counselling |
| 9. | BTAE | BAS -021: Renewable Energy | EMPC, IGNOU | 09 – 06– 2009 | 60 min. | Radio-Counselling |
| 10. | BTCM/BTWRE | ET – 201 B: Application of Thermodynami cs | EMPC, IGNOU | 23 – 06- 2009 | 60 min. | Radio-Counselling |
| 11 | BTCM/BTWRE | First Law Thermodynami cs ET – 201 B | EMPC, IGNOU | 02/02/2005 | 60 min. | EDUSAT LECTURE (Through Tele Conferencing) |
| 12. | BTME | System Reliability BME 007 | EMPC, IGNOU | 10/02/2005 | 60 min. | EDUSAT LECTURE (Through Tele Conferencing) |
| 13. | BTCM/BTWRE | Second LAW of Thermodynami cs and applications ET – 201B | EMPC, IGNOU | 03/03/2005 | 60 min. | EDUSAT LECTURE (Through Tele Conferencing) |
| 14. | BTCM/BTWRE | Scheduling Of Jobs ET – 301A | EMPC, IGNOU | 10/03/2005 | 60 min. | EDUSAT LECTURE (Through Tele Conferencing) |
| 15. | BTCM/BTWRE | Refrigeration and Air- conditioning ET – 201 B | EMPC, IGNOU | 21/03/2005 | 60 min. | EDUSAT LECTURE (Through Tele Conferencing) |
| 16. | BTCM/BTWRE | Conservation of Linear ET – 202 A | EMPC, IGNOU | 05/04/2005 | 60 min. | EDUSAT LECTURE (Through Tele Conferencing) |

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| 17. | BTCM/BTWRE | Assignment in Linear Programming | EMPC, IGNOU | 15/04/2005 | 60 min. | EDUSAT LECTURE (Through Tele Conferencing) |
| 18. | BTCM/BTWRE | Conservation of Energy – I ET – 202 A | EMPC, IGNOU | 05/05/2005 | 60 min. | EDUSAT LECTURE (Through Tele Conferencing) |
| 19. | BTCM/BTWRE | Steam Turbine ET – 201B | EMPC, IGNOU | 24/05/2005 | 60 min. | EDUSAT LECTURE (Through Tele Conferencing) |
| 20. | BTCM/BTWRE | Concrete Technology Part I ET – 522 | EMPC, IGNOU | 22/06/2005 | 60 min. | EDUSAT LECTURE (Through Tele Conferencing) |
| 21. | BTCM/BTWRE | Transportation Problem in Linear Programming ET – 301A | EMPC, IGNOU | 05/07/2005 | 60 min. | EDUSAT LECTURE (Through Tele Conferencing) |
| 22. | BTCM/BTWRE | Concrete Technology Part – II ET -522 | EMPC, IGNOU | 12/07/2019 | 60 min. | EDUSAT LECTURE (Through Tele Conferencing) |
| 23. | BTCM/BTWRE | Air Pollution ET – 507 A | EMPC, IGNOU | 19/07/2005 | 60 min. | EDUSAT LECTURE (Through Tele Conferencing) |
| 24. | BTME | Competitive Situation : Game Theory | EMPC, IGNOU | 19/07/2005 | 60 min. | EDUSAT LECTURE (Through Tele Conferencing) |
| 25. | BTCM/BTWRE | Introduction of Fluid Mechanics ET – 201 A | EMPC, IGNOU | 02/08/2005 | 60 min. | EDUSAT LECTURE (Through Tele Conferencing) |
| 26. | BTME | Logic Gates BME – 006 | EMPC, IGNOU | 06/09/2005 | 60 min. | EDUSAT LECTURE (Through Tele Conferencing) |
| 27. | BTCM/BTWRE | Boundary Layer Flow ET – 201 A | EMPC, IGNOU | 04/10/2005 | 60 min. | EDUSAT LECTURE (Through Tele Conferencing) |
| 28. | BTCM/BTWRE | Inventory Management ET – 581 B | EMPC, IGNOU | 08/11/2005 | 60 min. | EDUSAT LECTURE (Through Tele Conferencing) |
| 29. | BTCM/BTWRE | Friction ET – 202 A | EMPC, IGNOU | 22/07/2007 | 60 min. | EDUSAT LECTURE (Through Tele Conferencing) |
| 30. | BTCM/BTWRE | Second Law of thermodynamics and its Applications ET – 201B | EMPC, IGNOU | 28/09/2008 | 60 min. | EDUSAT LECTURE (Through Tele Conferencing) |

(Duly authenticated by the Director/ Head of School/ Division/ Unit/Centre / Cell)

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|------------|------|------------------------------------|----------------|------------|---------|---|
| 31. | BTME | Computer Aided Design BME - 002 | EMPC, IGNOU | 26/10/2008 | 60 min. | EDUSAT LECTURE (Through Tele Conferencing) |
|------------|------|------------------------------------|----------------|------------|---------|---|

15. Details of Patents granted (if any): NIL

16. Contribution to IGNOU's corporate life:

| SNo. | Chairperson/ Member of Committee | Name of the Committee | Date/ period |
|-----------|--|-----------------------|--------------|
| 1. | | | |

17. Administrative position/s held in the University (even as in charge)

| SNo. | Designation | Period |
|----------------|--|----------------|
| Sl. No. | Director (3years Permanent; & 6 years In-charge Director) | 9 Years |

18. Any other contribution/information

Signature of Teacher /Academic

Signature of Director/ Head