

Parvatibai Chowgule College of Arts and Science Autonomous

Accredited by NAAC with Grade 'A' (CGPA Score 3.41 on a 4 Point Scale in 3rd cycle) Best affiliated College-Goa University Silver Jubilee Year Award

WORKSHOPS/SEMINARS CONDUCTED ON RESEARCH METHODOLOGY (RM), INTELLECTUAL PROPERTY RIGHTS (IPR)

AND

ENTREPRENEURSHIP AND SKILL DEVELOPMENT(ESD)

2016-2017

| Sr. No. | Name of the workshop/ seminar |
|---------|--|
| 1 | ESD: Soft Skills: Critical thinking, lateral thinking, Problem based learning |
| 2 | RM-Research orientation |
| 3 | ESD-Cloud Computing |
| 4 | ESD-Fundamental Concepts and Principles for creating world- class Software Product |
| 5 | ESD-Empower NGO' |
| 6 | ESD-Lecture on intra-college paper presentation on the theme 'Empowering future generation of girls and women: Empowering Humanity |
| 7 | ESD- Workshop on My Birding Experience |
| 8 | RM-Our Feathered Friends and Enemies: Applied Dimensions of Ornithology |
| 9 | RM-Workshop on Version controlling using GIT |
| 10 | ESD-Wajood NGO |
| 11 | RM-Workshop on R Tool |
| 12 | ESD-Workshop on Scratch Software |
| 13 | ESD- One-Day State-Level Seminar on 'Teaching-Learning Methodology in Geography' organized in collaboration (GAG) and (HISTAG) |
| 14 | ESD-Workshop on Experimental Physics |
| 15 | RM - Research Discussion Forum |
| 16 | RM - Research Discussion Forum |
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| 18 | RM - Research Discussion Forum |



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<u>REPORT OF 'SOFT SKILL PROGRAM'-</u> <u>DEPARTMENT OF ZOOLOGY</u>

| DEPARTMENT OF ZOOLOGY | |
|----------------------------------|--|
| Title: | Orientation on Thinking Skills |
| Date and year: | 16/06/2016 |
| Venue: | A-202,ParvatibaiChowgule College of Arts and Science |
| Resource person/s: | Dr. Nandini Vaz Fernandes |
| Organising Committee | Department of Zoology |
| No. of Participants | 35 |
| Objective: | To acquaint students with the department culture, modes of assessment and the activity planned for the academic year. |
| Summary of the proceedings | The department of zoology conducted session on soft skills for the students of FYBSc. The students were first oriented on various issues viz examination pattern, theory and practical assessment modes, activities planned for the year 2015-16 and departmental events, delegation of responsibilities for campus activities, usage of CLAAP, etc. The FYBSc students were also given sessions on 'Problem Solving skills' and 'Thinking skills. The sessions conducted by Dr. Nandini Vaz Fernandes. |
| | Soft Skills: Students were explained the importance of thinking skills inorder to develop the mind to effectively solve problems rationally and logically. Students were taught Logical Thinking skills, Lateral thinking skills and Creative thinking skills which are vital for problem solving. Students were also taught 'Problem Solving Steps'. These skills are very important for students as the department adopts higher order thinking (blooms taxonomy) based T-L-E methods. |

THINKING SKILLS



BY



DR. NANDINI VAZ FERNANDES

ASST. PROFESSOR DEPARTMENT OF ZOOLOGY PARVATIBAI CHOWGULE COLLEGE MARGAO GOA

16TH June 2016 EMAIL: nvf001@chowgules.ac.in

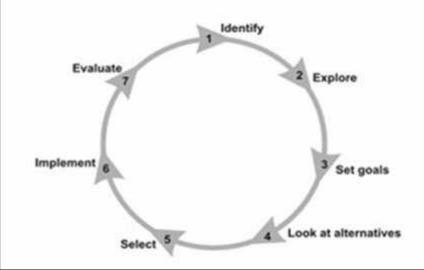




- solving these problems involves both analytical and creative skills.
- · Which particular skills are needed will vary.
- · Following skills are key to problem-solving:
 - Analytical Ability
 - Lateral Thinking
 - Initiative
 - Logical Reasoning
 - Persistence



7 STEPS...





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| Title: | Orientation for TYBSc Students on Research Methodology |
|----------------------------|--|
| Date and year: | 23/07/2016 |
| Venue: | Parvatibai Chowgule College of Arts and Science |
| Resource person/s: | Dr. Nandini Vaz Fernandes |
| No. of Participants | 103 |
| Objective: | To acquaint the students with the knowledge and steps of scientific process/of Research methodology. |
| Summary of the proceedings | Dr. Nandini Vaz Fernandes was the resource person for <i>'Research methodology"</i> orientation for TYBSc students, of Chowgule College. The orientation was held on 23 rd July 2016. The orientation was focused on exposing the students to concepts of scientific research, steps in research, experimentation and thesis writing. The orientation was attended by students of natural and life science. |
| Photographs | |



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Report on "Cloud Computing workshop"

| Title: | Cloud Computing |
|------------------------|--|
| Date and year: | 11 th July 2016 |
| Venue: | M.Sc. (IT) lab |
| Resource person/s: | Mr. Anay Kamat from Presentsoft Technologies Pvt. Ltd |
| No. of Participants | 40 |
| Objective: | During the workshop students were exposed to various Cloud Services. By the end of the session students successfully developed a Chat application on the cloud platform. |

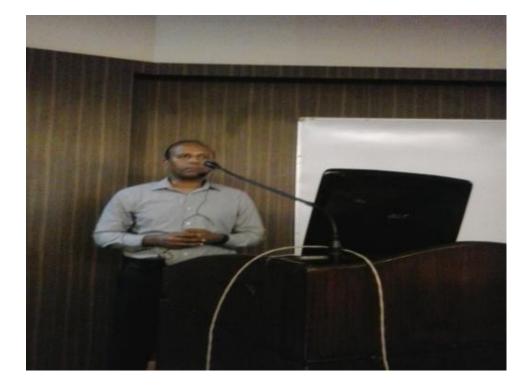




Report on "Fundamental Concepts and Principles for creating worldclass Software Product"

| Title: | Fundamental Concepts and Principles for creating world-class Software Product |
|------------------------|--|
| Date and year: | 12 th Jul. 2016 |
| Venue: | Upper Auditorium, Parvatibai Chowgule College of Arts & Science |
| Resource person/s: | Mr. Sarva Thulasingam, Chief Technical Officer, Infiswift Inc., California, USA |
| No. of Participants | 60 |
| Objective: | The seminar was very informative and stressed on companies perspective of developing software product. |
| Summary of the | NA |

the proceedings





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Report on "Lecture on Empower NGO"

| Title: | Empower NGO' |
|---|---|
| Date and year: | 27th July 2016 |
| Venue: | class B- 303 |
| Resource person/s: No. of Participants Objective: | MS. Deeksha Mahale, president of 'Empower NGO' 45 The Role and Significance of NGO's in Society The need to start NGO's through her experience |

Summary of
theThe Department of Sociology organised guest lecture on 27th July 2016 at
2 PM in class B- 303 by MS. Deeksha Mahale, president of 'Empower NGO'
for NGO Management class. She is presently a member of the Drafting
committee of NGO management paper of our college. She spoke on 'and
how she started with it and what were the hardships she faced in the initial
stage of her NGO formation. She also stressed on the importance of NGO
management paper. Her suggestions were there along with the theory
knowledge. The session ended with the vote of thanks by Sayali Gaunkar.





Report on "Lecture on Empowering future generation of girls and women: Empowering Humanity"

| Title: | Intra-college paper presentation on the theme 'Empowering future generation of girls and women: Empowering Humanity |
|------------------------|--|
| Date and | 8th of March 2016 to celebrate the commemoration of the International Women's Day. |
| year: Venue: | Lower Auditorium |
| Resource person/s: | Student Presenters |
| No. of Participants | 75 |
| Objective: | Awareness of issues faced by Women Develop Scientific and research spirit Empower the students to face an audience |

Summary of
the
proceedingsA total of 12 papers were presented on varied issuesPhotographsImage: Constraint of the proceeding of the





2.1: Miss Neha Correia of FYBA (Economics)

2.2: Miss. Shreya Jain of SYBA



2.3: Students of TYBA perform a dance on women issues



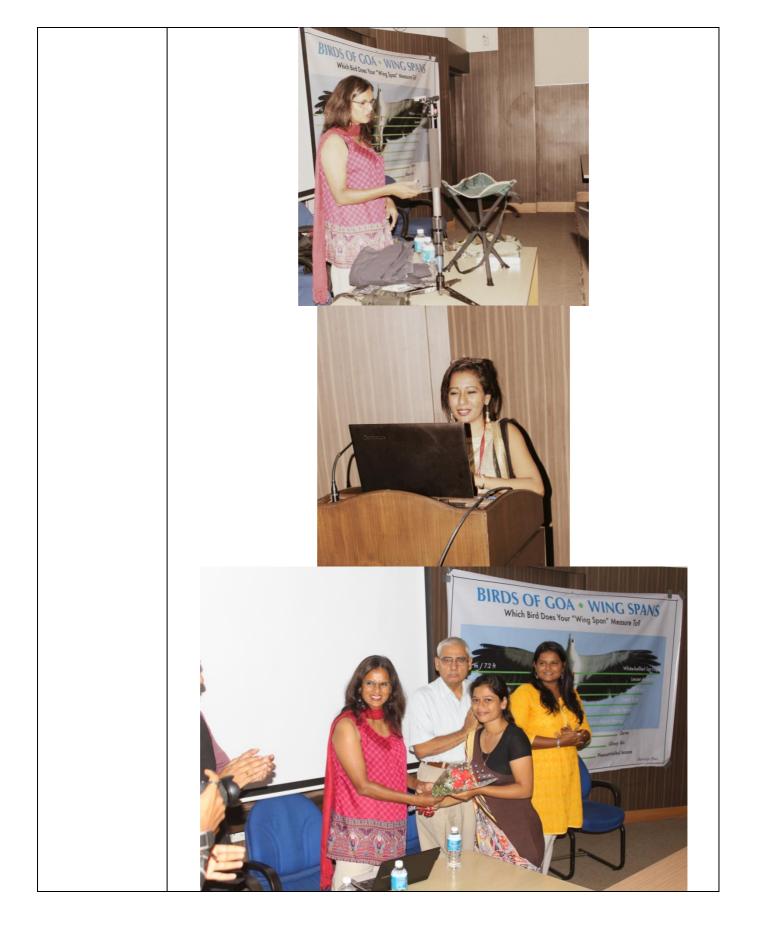
2.4: Mr. Joel Dias of TYBA



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| Title: | CBC lecture series |
|-------------------------------|---|
| Date and year: | 08/08/2016 |
| Venue: | Parvatibai Chowgule College of Arts and Science |
| Resource person/s: | Dr. Nandini Vaz Fernandes ; Dr. Manoj Borkar; Ms. Marvelyn Dias |
| No. of Participants | 55 |
| Objective: | To enlighten the students with the importance of birding and ornithology |
| Summary of the proceedings | The CBC initiated by Dr. Nandini Vaz Fernandes in 2014, conducted the following events for this year. CBC organised Lecture series on 8 th August 2016. The resource persons were Dr. Manoj Borkar, Ms. Marvelyn Dias and Dr. Nandini Vaz Fernandes who spoke on "Our Feathered Friends and Enemies: Applied Dimensions of Ornithology"; "My birding Experience" and "Introduction to Birding – Birding Etiquettes and Qualities of Good Birder" respectively. |
| Photographs | |







Report on "Version Controlling using GIT"

| Title: | Version Controlling using GIT |
|----------------------------------|--|
| Date and year: | 24 th Aug 2016 |
| Venue: | Computer Science Lab 2 |
| Resource person/s: | Dr. Sameena Falleiro, Assistant Professor & Mr. Castor Godinho |
| No. of Participants | 15 |
| Objective: | To demonstrate the use of GIT hub as an effective software tool during software development |
| Summary of the proceedings | Dr. Sameena Falleiro organised a workshop for T. Y. B. Sc. students on "Version Controlling using GIT" in order to demonstrate the use of GIT hub as an effective software tool during software development. Mr. Castor Godinho, FOSS founder and a student from M. Sc-IT was the resource person. |



Report on "Lecture on Wajood, NGO"

| Title: | 'Wajood, NGO for Transgenders' |
|----------------------------------|---|
| | 31st August 2016 |
| Date and year: | D 202 |
| Venue: | B- 303 Ms. Diana Dias, founder President of 'Wajood NGO' |
| Resource person/s: | MS. Dialia Dias, founder l'resident of Wajood Ndo |
| No. of | 50 |
| Participants | |
| Objective: | The scope of the Wajood Ngo Need to start an NGO |
| Summary of the proceedings | The Department of Sociology organised guest lecture on 31st August 2016 at 2pm in the college hall B- 303 by Ms. Diana Dias, founder President of 'Wajood NGO' for the elective paper entitled NGO Management. Wajood NGO is the first transgender organisation in Goa. She enlightened the crowd on their aims and objectives of the organisation. She also stated the hardships she faced to form such NGO. She informed the crowd the problems, gender stereotyping, gender discrimination and psychological trauma faced by the third genders. She also spoke on hierarchal organised traditional structure of Chelas and Gurus and Nayak, the rituals and customs to be identified as hijra and clear-cut distinction between hijra community and transgender community. Dr. Sachin Moares, Head of the Department of Sociology gave vote of thanks. |





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Report on "Workshop on R Tool"

| Title: | R Tool |
|----------------------------------|---|
| Date and year: | 29 th Sept. 2016 to 30 th Sep 2016 |
| Venue: | Upper Auditorium |
| Resource person/s: | Mr.Rajendra Patil, Assistant Professor, Department of of I.T., S.K.Somaiya College, Mumbai & Mr.Hiren Dand, Director, VVM College of I.T. & Management, Mumbai |
| No. of Participants | 50 |
| Objective: | To explain the significance of RTool in various research fields and elucidate the various |
| Summary of the proceedings | kinds of statistical operations that can be achieved using the R-Tool. Organized 2 two days state level workshop on "R Tool" for the faculties and students of various colleges from Goa. This was basically conducted to explain the significance of RTool in various research fields and elucidate the various kinds of statistical operations that can be achieved using the R-Tool. |





Report on "Workshop on Scratch Software"

| Title: | Scratch Software |
|----------------------------|---|
| Date and year: | 2 nd May 2017 |
| Venue: | Computer Science department Lab |
| Resource person/s: | Ms. Priya Lotliker, Assistant Professor, Dept. of Computer Science |
| No. of Participants | 20 |
| Objective: | To introduce students to creative computing with scratch, using design- based approach. |
| Summary of the proceedings | This workshop was organized for F. Y. B. Sc. students of computer science department to introduce creative computing with scratch, using design based approach. |
| Photographs | |





Report on "Seminar on Teaching-Learning Methodology in Geography"

| Title: | One-Day State-Level Seminar on 'Teaching-Learning Methodology in Geography' organized in collaboration with Geographers' Association, Goa (GAG) and Higher Secondary Teachers' Association in Geography (HISTAG) |
|-----------------------|--|
| Date and year: | 26 th April 2017 |
| Venue: | Parvatibai Chowgule College (Autonomous), Margao, Goa |
| Resource person/s: | Dr. Surendra Thakurdesai, Vice-Principal, Gogate-Jogalekar College, Ratnagiri, Maharashtra Dr. Nandkumar Sawant, Associate Professor, Department of Geography & Research Center Parvatibai Chowgule College Margao Goa Dr. F. M. Nadaf, Associate Professor, Department of Geography, Shree Mallikarjun college, Canacona, Goa Mr. Vishal Malave, Assistant Professor Department of Geography & Research Center Parvatibai Chowgule College Margao Goa Mr. Sagar Mali, Assistant Professor, Vidya Prabodhini College of Education, Porvorim, Goa |
| No. of Participant | 50 |



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Report of "Workshop on Experimental Physics"

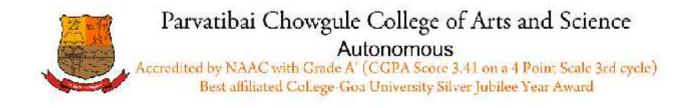
| Title: | Workshop on "Experimental Physics" |
|---|--|
| Date and year: | 28 th to 30 th April 2017 |
| Venue: | Lower Auditorium and Physics laboratory, Chowgule College |
| Resource person/s: No. of Participants Objective: | Prof. Kaustubh Priolkar, Prof. S. M. Sadique, Mr. Yatin P. Desai, Dr. Ashish Desai 16 To avail advanced experimental facilities to Physics students of Gogate- |
| Objective. | Jogalekar College, Ratnagiri as part of a MoU exchange programme. |
| Summary of the proceedings | As a part of MoU exchange programme, Physics Department of Chowgule College organized a three-day workshop on "Experimental Physics" for Physics students of Gogate-Jogalekar College. Total 16 students benefitted from this course. |
| | The workshop was inaugurated on 28 th April, 2016 at 10:00 am at the hands of Principal Dr. N.N. Sawant, Prof. K. R. Priolkar. The first session was conducted by Prof. Priolkar on thermal diffusivity of brass. Prof. Sadique conducted the sessions on working principles of constant current source and differential amplifier. Dr. Ashish Desai conducted sessions on error analysis. |
| | On 29 th April 2018, Mr. Yatin Desai conducted sessions on thermal and electrical conductivity of copper, thermal conductivity of poor conductor and Si diode as a thermometer. After one and half day of theory sessions, next one and half day was devoted for lab work. At the end of the workshop students gained the knowledge of performing some heat experiments using associated electronic equipment's, refreshed their ideas of using Microsoft excel for data analysis and understood the significance of error analysis in laboratory experiments. |
| | The workshop was concluded with valedictory function and feedback from |

students.



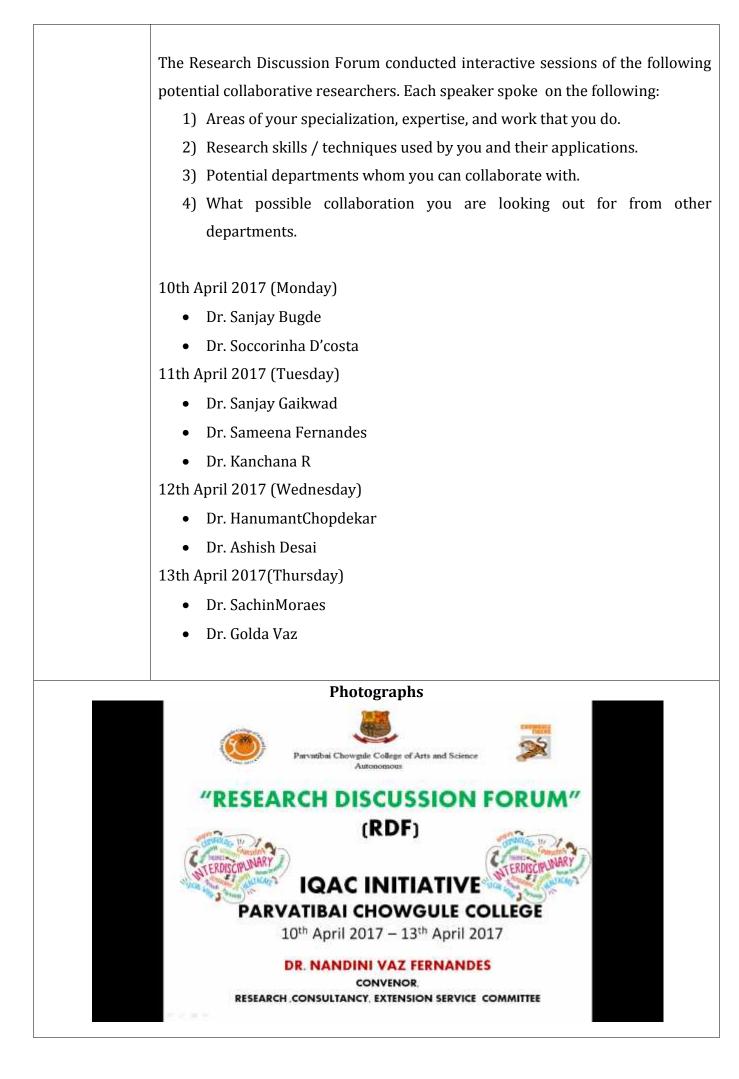






RESEARCH COMMITTEE (PCCAS-RCEA) & IQAC

| | REPORT ON DESEADCH DISCUSSION FODUM (DDF) |
|---------------------------------------|---|
| Title: | RESEARCH DISCUSSION FORUM (RDF) |
| The. | Session of "Research Discussion Forum" |
| Date and year: Venue: | 10 th April 2017 – 13 th April 2017 Auditorium |
| Speakers : Organizing Committee | Dr. Sanjay Bugde Dr. Soccorinha D'costa Dr. Sanjay Gaikwad Dr. Sameena Fernandes Dr. Kanchana R Dr. HanumantChopdekar Dr. Ashish Desai Dr. SachinMoraes Dr. Golda Vaz Research, Consultancy and Extension Activity Committee (PCCAS-RCEA) and Internal Quality Assurance Cell (PCCAS-IQAC). |
| No. of Participants | 43 Faculty members. |
| Objective: | The IQAC of the college has initiated "Research Discussion Forum" (RDF) of the Research committee. The objective of this RDF is to identify potential researchers for collaborative research of interdisciplinary nature. The sessions were held with the aim to encourage interdisciplinary research between faculty researchers from different departments. |
| Summary of the proceedings | The IQAC of the college was aiming at encouraging interdisciplinary research between faculty researchers from different departments. Dr. Nandini Vaz Fernandes explained that RDF sessions were planned with the objective to identify potential researchers for collaborative research of interdisciplinary nature. |



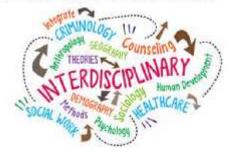
OBJECTIVE OF RDF

- To initiate collaboration between faculties of different disciplines.
- For the purpose of:
 - 1. Interdisciplinary research projects.
 - 2. Interdisciplinary research publications.
 - 3. Collaborative extension services.
 - 4. Collaboration with Industries for research funding

NEED FOR RDF

Thus RDF will provide platform for faculty to:

- identify potential collaborators.
- initiate collaboration with faculty who can broaden your research prospects.



So what we have planned:

- Speakers:
 - Talk about their research field / area of expertise.
 - Skills / techniques / tools they know.
 - The applications of the skills to other disciplines.
 - Potential departments they can collaborate with.
 - Writing Books.





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| Members who | participated in | IQAC | Initiated | "Research | Discussion | Forum (hor) |
|------------------------|------------------|--------|------------|-----------|------------|-------------|
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Menders who participated in IGAC initiated "Research Observation Forum" (RDF)

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Parvathai Chowpie College of Arts and Science Autonomia



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| B | 5 8 - KAKODKAK | Thursday | 34 | ELTRIN D'SOUTH | server |
| 7 . | Riggle Fernandes | 10-T | 36 | Mr. SAMONYTHA GENTINANO | 802/19/17 |
| 8. | ablet I tail = | Mail | 27. | Widya Balekar | In letter |
| 8 | Dr. T. M. Dushparale | -100000 | 38 | Cookiem da Silva | CANO. |
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| 11, | Semuel Segarion | Byren - | 40. | Gelika Vas | ave |
| <u>11</u> | Monica Partie | Madii | .42 | Rucha Kanon | Art |
| 11. | Take P. how | 1- | 42, | Amigha Shingdken Palasta | Carling and the |
| 14, | new leditor | W. | 43, | | |
| 15. | Maladana Moure | TUCK | 44, | | |
| 18. | Ashuk Ashin | AC- | 45, | | |
| 9 7 . | Sonika Adulkan | Para and | #E, | | |
| 58. | Singley & tonkand | And a | 41. | | |
| 19. | Nexte Degesboyly | 3 | 48, | | |
| 29. | Suchila Black | Stal | 49. | | |
| | Sand Sheith | and the second | 50 | | |
| 12. | Repaire Decar | Spear | 51. | | |
| 22 | Malah Denas | 1- | 62 | | |
| 14. | Mather P Baletay | the second se | 63. | | |
| 8 | Berminka Milanta | ST- | 54. | | |
| 28_ | PRINTING N MANY | 30022 | 55 | | |
| 10.0 | Propran Renahar | Heren | 56. | | |
| 4 | 2 Marchara | nhoushand | 57. | | |
| a. | Lial Willow | Bulika | 58. | | |
