# Workshop Report



## Two-Day Workshop on

# Design and development of contents and proposals for SWAYAM

**Organized by**
**Ravenshaw University, Cuttak, Odisha**
**in collaboration with**
**Commonwealth Educational Media Centre for Asia**
**(CEMCA), New Delhi**

**Date: 5-6 April, 2022**
**Venue: Annex-III, Seven Pillars of Wisdom**

Reported By:
**Mr. Ashish Kumar Awadhiya**, Assistant Director-Training and Development, Centre for Online Education (COE), IGNOU, New Delhi

## THE BACKGROUND

SWAYAM is a programme initiated by the Government of India and designed to achieve the three cardinal principles of Education Policy viz., access, equity and quality. The objective of this effort is to take the best teaching-learning resources to all, including the most disadvantaged. SWAYAM seeks to bridge the digital divide for students who have hitherto remained untouched by the digital revolution and have not been able to join the mainstream of the knowledge economy. It facilitates the hosting of courses from various disciplines starting from school level to post-graduate level which can be accessed by anyone, anywhere at any time. All the courses are interactive, prepared by the best teachers in from across the country. (www.swaysm.gov.in).

Within the overarching objective of Learning for Sustainable Development, vis-à-vis its Six-Year Plan (2021-27), the Commonwealth Educational Media Centre for Asia (CEMCA), is engaged in assisting Higher Education Institutions to use Online education and enhancing the capacity on online and blended learning mode for better teaching and learning.

In this regard CEMCA in collaboration with Ravenshaw University, Cuttack is conducted a two days capacity building workshop on "Design and development of contents and proposals for SWAYAM" for university teachers during 05-06 April 2022. The focus of this workshop was to orient the teachers of the Ravenshaw University on SWAYAM MOOCs and facilitate them to develop a proposal for offering MOOCs through SWAYAM.

## WORKSHOP OBJECTIVES

After going through this Two-days workshop the participants will be able to
- Discuss the regulatory guidelines of SWAYAM
- Explain the four-quadrant approach of SWAYAM
- Explore teaching learning Opportunities of SWAYAM
- Develop introductory video for their course
- Develop the SWAYAM proposal

## EXPECTED LEARNING OUTCOMES

- The participants should be able to explain the teaching learning opportunities of SWAYAM.
- Participants should be able to explain the applicable guidelines of SWAYAM.
- The participants should be able to explain the four-quadrant approach of SWAYAM;
- The participants should be able to develop the course introductory video
- The participants should be able to develop a proposal to offer MOOCs on SWAYAM.

## VENUE AND DATES

This A two-day workshop on Design and Development of Contents and Proposals for SWAYAM-MOOCs was organized by Ravenshaw University in collaboration with Commonwealth Education Media Centre for Asia (CEMCA), New Delhi during 5-6 April, 2022 at Convention Centre, Ravenshaw University, Cuttack, Odisha.

## METHODOLOGY

The workshop was conducted on face-to-face mode. Each session included a presentation and live demonstration followed by discussion and hands-on session.

The workshop was conducted as per the planned schedule as per Annexure I

The participants were divided in the groups to encourage team work and collaborative engagement. Participants used their laptops and Smart phones for hands-on activities. All the Participants were requested to design and develop a proposal for a SWAYAM MOOC and present the same along with course introductory video.

## PARTICIPANTS

A total of 55 faculty members (42 male and 13 female) from 22 Departments of Ravenshaw University participated in this training program conducted in workshop mode. The training program comprised of seven sessions preceded by the inaugural session and ended with the valedictory session.

List of participants is enclosed as Annexure II.

## WORKSHOP PROCEEDINGS

The day one of the workshop began with inaugural session followed by technical sessions. Day two started with technical sessions followed by valedictory session. The detailed proceedings of the workshop are as follows:

- **Inaugural Session**

The inaugural session started at 10.00 am with a warm welcome by Prof. Sudarshan Mishra, the co-ordinator of the programme. Prof. Ashima Sahu, Chairperson, PG Council (CPGC), Ravenshaw University chaired the session. Mr. Ashish Kumar Awadhiya, Assistant Director- Training and Development, Centre for Online Education (COE), IGNOU, New Delhi acted as the Key-Resource person of the Training Programme.

At the outset Prof. Sudarshan Mishra in his welcome address extended his gratitude to CEMCA, New Delhi for extending support to organize the training programme. He highlighted the very purpose of the Massive Open Online Courses, hosted on SWAYAM online platform.

He focused on the relevance of MOOCs, Academic Bank of Credit (ABC) system, concept of blended learning and 40% option of core courses from MOOCs by university students in tune with NEP-2020 and recent UGC guidelines. MOOCs in SWAYAM platform are getting popular by higher education can optimize the five foundational pillars of NEP-2020 i.e. Access, Equity, Quality, Affordability and Accountability, Prof. Mishra clarified.

The key resource person Dr. Ashish Kumar Awadhiya in his inaugural address oriented the participants on the importance and current status and guidelines of SWAYAM. He said that developing MOOCs on SWAYAM platform is now not a value addition but a compulsion on the part of teachers if they want to update themselves as per the need of twenty-first-century learners. He also informed about the various developments in different regulations of UGC which are in alignment with SWAYAM thereby making SWAYAM MOOCs as an integral component of learning in Higher Education.



The Chairperson PG Council, Prof. Ashima Sahu pointed out the importance of Massive Open Online Courses in near future and anticipated that it can serve the needs and interest of learners from diverse disciplines. The expertise of the faculty members across the universities can be useful in catering to many online courses in SWAYAM platform giving free access to higher education learners. She expressed her expectation that this workshop will be helpful in connecting the learned faculty members of Ravenshaw and orienting them to come out with proposal for potential MOOCs.

- **Day-one-Session-I**

The key resource person Dr. Ashish Kumar Awadhiya conducted the session through his interactive presentation on the topic "SWAYAM- Current Status and Guidelines". He highlighted the applicable guidelines related to SWAYAM.

The participants were clarified their doubts related to SWAYAM. The resource person demonstrated the SWAYAM platform and informed various options available on the platform.

**Day-one-Session-II**

The resource person conducted the session through his interactive presentation on the topic "Teaching Learning though Four Quadrant Approach". He highlighted all the four quadrants that needs to be developed to launch MOOCs through SWAYAM portal. The participants were clarified their doubts related to SWAYAM. He also presented the importance of these quadrants to the participants. The session was followed by demonstration of integration of all the four quadrants in the course page. The participants were demonstrated on how these four-quadrant can be used in different innovative ways to engage the learners and making the learning environment more interesting.

- **Day-one-Session-III**

This session included interactive presentation on the topic "Process for developing SWAYAM Proposal". He highlighted all the major key points to be taken care of in developing introductory video and development of proposal for SWAYAM-MOOC. They were also given guidelines about development of e-contents, content-based videos, discussion forum and assessment practices. The participants were clarified their doubts related to SWAYAM. The participants were demonstrated about requirements of the submitting the proposals by different National Coordinators. The resource person oriented the participants about academic and administrative requirements during SWAYAM course proposals.

- **Day-one-Session-IV**

Session-IV was devoted to hands-on-practice for development of MOOC proposal and preparation of introductory video. The participants were engaged in group work situation and Developed Course Specific Proposals. All the participants were divided into 10 groups. Each group worked on a particular theme/discipline/ course to develop the proposal. The proposals were discussed in the specific groups and mentored by the resource person.

Session-I of Day-2 was started with introductory group-wise video presentation. Each group developed an introductory video and shared in you-tube. The topics which are covered are as follows:

1. Basic spectroscopic technique for material characterisation
2. Origin & Development of Indian Languages
3. Medical Diagnostics
4. Digital Pedagogy
5. Idea of Bharata-India
6. Psychological First Aid
7. Financial Institutions and Markets
8. Introduction to Hydrogeology
9. Research Methodology
10. Introduction to Philosophy

After presentation, the group was given necessary feedback by the resource person and participants for necessary changes.

- **Day two, Session-II and III**

Session-II and III of Day-2 was devoted to group-wise presentation followed by finalization of proposals, sharing of ideas and feedback in in peer groups also took place. The resource person also shared his feedback to the participants for improvement in the Proposal and provided the hands-on-practice for development of MOOC proposal and preparation of introductory video. The participants were engaged in group work situation and Developed Course Specific Proposals. All the participants were divided into 10 groups. Each group worked on a particular theme to develop the proposal. The proposals were discussed in the specific groups and mentored by the resource person. The group wise proposal titles are as follows:

1. Basic spectroscopic technique for material characterisation
2. Origin & Development of Indian Languages
3. Medical Diagnostics
4. Digital Pedagogy
5. Idea of Bharata-India

6. Psychological First Aid
7. Financial Institutions and Markets
8. Introduction to Hydrogeology
9. Research Methodology
10. Introduction to Philosophy

- **Valedictory Session**

Valedictory session was chaired by Prof. Ashima Sahu, Chairperson, PG Council (CPGC), Ravenshaw University. The session started with the report reading by Prof. Sudarshan Mishra, the co-ordinator of the programme. It was followed by the feedback from the participants.

After the feedback from the participants, the key resource person Mr. Ashish Kumar Awadhiya in his address appreciated the effort made by the participants towards preparing the introductory video and proposal for SWAYAM. He also highlighted some of the critical points which need to be taken care of in developing proposal such writing, objectives, learning outcomes and evaluation.

The Chairperson Prof. Asima Sahu extended her thankfulness to the Director, CEMCA for extending her support towards organizing this training programme. She also thanked Mr. Ashish Kumar Awadhiya for his continuous support in helping the participants towards developing the proposal for SWAYAM. She zeroed-in-on the importance of Massive Open Online Courses in near future and anticipated that it can serve the needs and interest of learners from diverse disciplines. She also committed to facilitate to conduct more such workshops in future particularly on the topic 'Outcome-based education'.
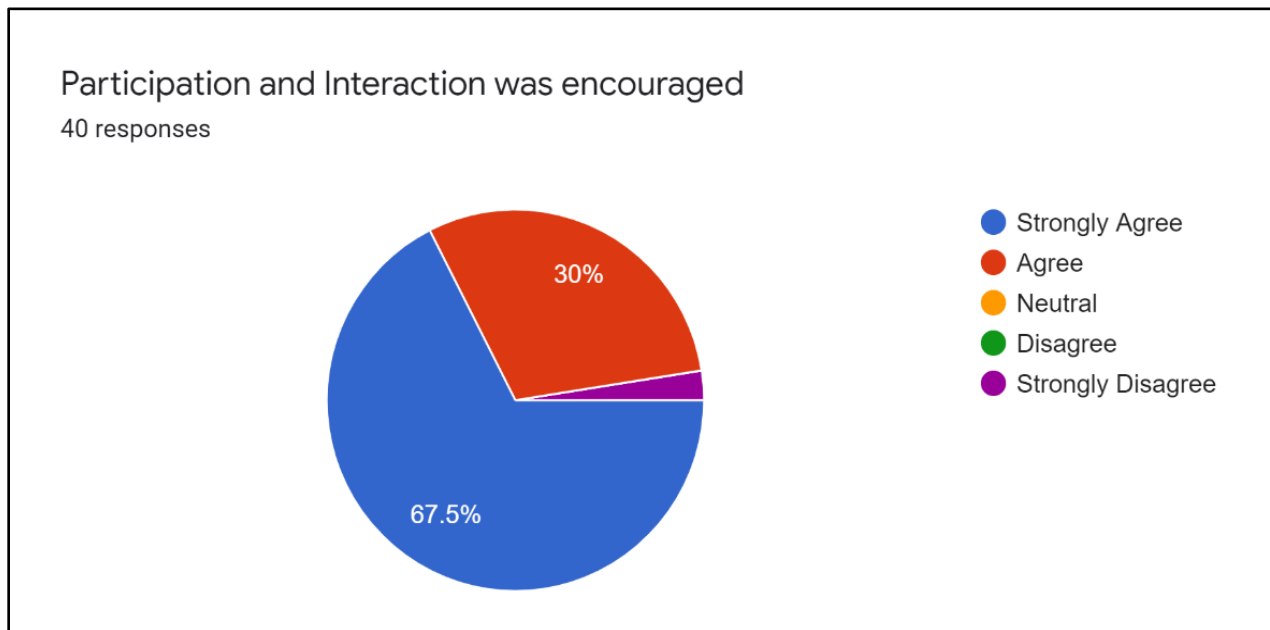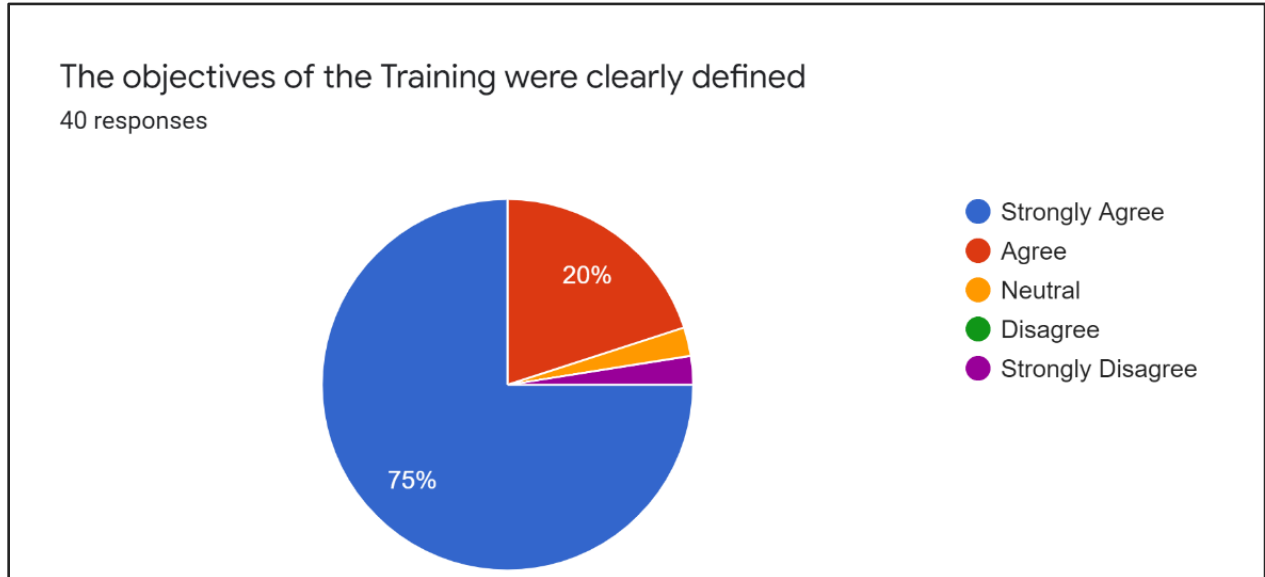
At last, Dr. (Mrs.) P.B. Binjha, Assistant Professor, Department of Education extended a vote of thanks. Workshop was concluded with thanks to all the dignitaries and participants.

An online feedback form was administered to all 55 participants through google form at the end of the workshop. Total 43 participants responded to the feedback form.

The details of the feedback received from the participants is presented below:



**The objectives of the Training were clearly defined**
40 responses

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

75%  20%



**Participation and Interaction was encouraged**
40 responses

- Strongly Agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

67.5%  30%

## How would you rate the usefulness of the content
40 responses



- Very Satisfactory
- Satisfactory
- Average
- Un-Satisfactory
- Very Un-Satisfactory

40%

57.5%
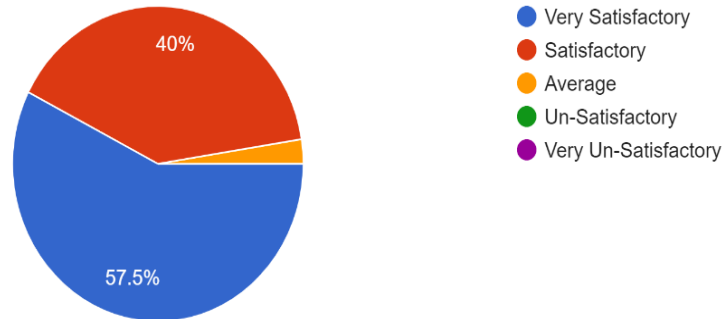
## How would you rate the Hands on Activity
40 responses



- Very Satisfactory
- Satisfactory
- Average
- Un-Satisfactory
- Very Un-Satisfactory

32.5%

62.5%
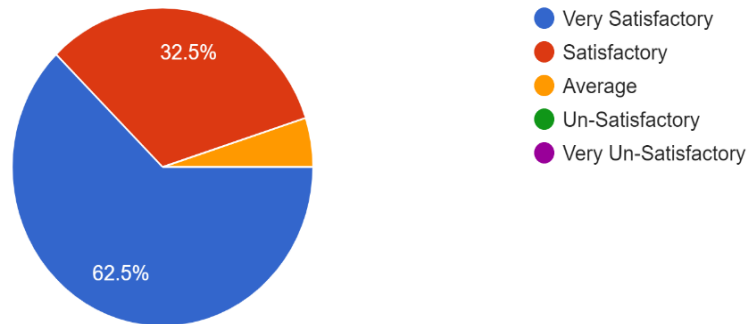
## How would you rate the overall conduct of the workshop
40 responses



- Very Satisfactory
- Satisfactory
- Average
- Un-Satisfactory
- Very Un-Satisfactory

37.5%

62.5%
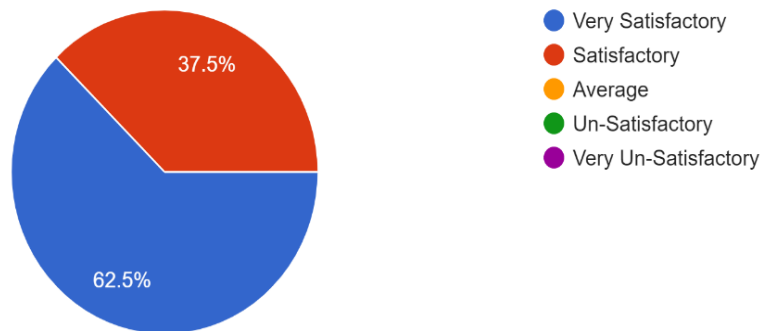
The participants were given an open-ended question on "**What did you like the best about this workshop**?". Responses from the participants are listed below:

*"Hands-On Training"*
*"Participatory learning environment and a very effective resource person in the workshop"*
*"It was interactive "*
*"This workshop is highly fruitful for teachers"*
*"The one-to-one interaction regarding proposal preparation and presentation"*
*"Both guidelines and Hands-On experience in developing the MOOC Proposal for SWAYAM good"*
*"Interactions and critical discussion"*
*"Hands-On experience and repeated motivation by the Resource person to make the Introductory video, Improvise the contents, even sharing of ideas in different interdisciplinary fields."*
*"Group discussion, proposal preparation and presentation"*
*"How to better impact your teaching skills"*
*"Sessions were quite interactive and nicely arranged by organizers"*
*"The intention of this workshop was to encourage the faculties to develop the various courses covering a wide range of learners under SWAYAM following standard norms of teaching and learning process."*
*"Preparing proposals and introductory videos session"*
*"Hands-On training is the best part."*
*"The fundamentals of building moocs proposal"*
*"Hand-on activities"*
*"Hands-On training and discussion and Very well-organized course"*
*"I got the way how to develop the e - content of our Syllabus and found the way to use SWAYAM etc platform for benefits of the students interested to gain more knowledge from the social media."*
*"Team work, Purpose and Presentation"*
*"Writing proposal for MOOCs"*
*"The entire session was very interactive and encouraging"*
*"Very Informative and helpful for future works on online classes as well for online course design."*
*"Purpose and its objective"*
*"Interactive"*
*"Hands-On activity and coverage of the topic"*
*"Presentation of Proposal by the Participants"*
*"Presentation"*
*"Satisfactory"*
*"Introductory video on mooc course"*

*"Informal approach"*
*"Group assignment. Well organized arrangements"*
*"Well delivered"*
*"Interactive session"*
*"Proposal writing & modification"*

The word cloud generated from the above descriptive feedback from the participants is presented below:



The participants were given an open-ended question on **"Please provide your feedback on further improvement in the workshop**?". Responses from the participants are listed below:

*"Please provide your feedback on further improvement in the workshop"*
*"Duration of the course should be increased to one week to learn and design the Swayam course details."*
*"Individual attention and guidance for each participant may be provided by the RPs"*
*"It was really excellent."*
*"Provide some ideas regarding development of language and literature for swayam "*
*"Arrange another seven days"*
*"Expert help in preparing final proposal"*

*"Need another workshop about how to write about the learning outcomes and learning objectives "*
*"May be improved"*
*"Need more innovative "*
*"One more course on designing the syllabus may be conducted. Food could be better. Technical team might have been more professional. "*
*"Hands out and materials may be provided "*
*"Thanks to the coordinator for organizing a very helpful course "*
*"Purpose is good, and nice initiative"*
*"It was a very good program and will be very helpfull in future. One thing I would like to suggest about the duration of program which should be more."*
*"I would expect the organiser to include training on how to make professional educational videos at our own desk. Because going out to a studio for the recording might create some issues related to ambience which might affect the deliverance of the teacher. So it will be effective if the teacher record the video at his/her own convenience. Thank you "*
*"It was an excellent course work and hoping this type in future."*
*"It was amazing learning experience, expect more of this sort ."*
*"GOOD". Thank you."*
*"It should be more elaborative"*
*"More focus should be give on course objective and course outcome"*
*"Individual proposal development "*
*"The workshop is quite nicely organized. However, the resource person could have demonstrated about the tools and techniques of making of videos and how to edit them for better presentations."*
*"Good/ satisfied"*
*"IGNOU as the National Coordinator may take care of training our faculty members and provide expertise in finalization of many potential MOOC Proposals from Ravenshaw University."*
*"More number of sessions on pedagogy can be conducted in future."*
*"Min one week duration as FDP"*
*"Such kind of Workshop may be repeated with adding more resource persons "*
*"Extend it some more days."*

The word cloud generated from the above descriptive feedback from the participants is presented below:

## Annexure I: Workshop Schedule

**Two-Day Workshop on**
**Design and development of contents and proposals for SWAYAM**
**Organized by**
**Ravenshaw University in collaboration with CEMCA, New Delhi**
**Date: 5-6 April, 2022**
**Venue: Annex-III, Seven Pillars of Wisdom**

| Day | Session | Timings | Topics |
|---|---|---|---|
| **Day 1** **05-Apr-2022** | | 9:30 AM | Reporting and Registration |
| | Inaugural Session | 10:00 AM | **Inauguration** Prof. Asima Sahu, CPGC, Ravenshaw University Prof. Sudarshan Mishra, Coordinator Mr. Ashish Kumar Awadhiya, Asst. Director (T&D), Centre for Online Education, IGNOU, New Delhi |
| | Session 1 | 10:45-11:15 AM | SWAYAM- Current Status and Guidelines |
| | **11:15-11:30AM** | | **Tea Break** |
| | Session 2 | | Teaching Learning though Four Quadrant Approach |
| | **1:30-2:00 PM** | | **Lunch Break** |
| | Session 3 | 2:00-3:30 PM | Process for developing SWAYAM Proposal |
| | **3:30-3:45 PM** | | **Tea Break** |
| | Session 4 | 3:45-5:00 PM | Hands-on for Developing SWAYAM Proposal |
| **Day 2** **06-Apr-2022** | Session 1 | 9:30-11:00 AM | Development of Course Introductory Video |
| | **11:15-11:30AM** | | **Tea Break** |
| | Session 2 | 11:30-1:30 PM | Finalization of the SWAYAM Proposal |
| | **1:30-2:00 PM** | | **Lunch Break** |
| | Session 3 | 2:00-3:15PM | Proposal Presentation by the Participants |
| | **3:30-3:45 PM** | | **Tea Break** |
| | Session 4 | 3:45-4:15PM | Feedback and Workshop Conclusion |
| | Valedictory Session | 4:15-5:00 PM | Prof. Asima Sahu, Chairperson, PG Council, Ravenshaw University Prof. Sudarshan Mishra, Coordinator Mr. Ashish Kumar Awadhiya, Asst. Director (T&D), Centre for Online Education, IGNOU, New Delhi |

# Annexure Ⅱ: List of Participants

**Two-Day Training Programme on**
**Design and development of contents and proposals for SWAYAM**
**Organized by**
**Ravenshaw University in collaboration with CEMCA, New Delhi**
**Date: 5-6 April, 2022**
**Venue: Annex-III, Seven Pillars of Wisdom**

| S.N. | Department | S.N. | Name of the Participant | Mobile Number | Email ID |
|------|------------|------|-------------------------|---------------|----------|
| 1. | Applied Geography | 1. | Dr. Siba Sankar Sahu | 9439167855 | sibasankarjnu@gmail.com |
| 2. | Bengali | 2. | Dr. Shreeta Mukherjee | 9971385637 | shri.beng@gmail.com |
| 3. | Botany | 3. | Dr. Khirod Kumar Sahoo | 6370903711 | khirod555@gmail.com |
| | | 4. | Dr. Nihar Singh | 7978372738 | nihar.singh@gmail.com |
| | | 5. | Dr. Durga P. Barik | 9853316200 | barikdp@yahoo.com |
| 4. | Chemistry | 6. | Dr. Seetaram Mohapatra | 7735675772 | seetaram.mohapatra@gmail.com |
| | | 7. | Dr. Purnendu Parhi | 8895193144 | pparhi@gmail.com |
| 5. | | 8. | Dr. Bairagi Charan Mallik | 9437128279 | |
| 6. | Commerce | 9. | Dr. Bhagabat Behera | 9437128279 | bbehera@ravenshawuniversity.ac.in |
| | | 10. | Dr. Yayati Nayak | 7750847707 | yayatinayak@yahoo.com |
| 7. | Computer Science | 11. | Dr. Alok Ranjan Tripathy | 9438505381 | tripathyalok@gmail.com |
| | | 12. | Priyanka Kujur | 8895638010 | priyankakujur96@gmail.com |
| 8. | Economics | 13. | Dr. Chittaranjan Nayak | 7205046531 | chitta1061@rediffmail.com |

| | | 14. | Dr.Manoj Kumar Das | 9439619650 | manojdas4@yahoo.co.in |
|---|---|---|---|---|---|
| | | 15. | Dr. Lipishree Das | 9861460154 | drlipi_das@yahoo.co.in |
| | | 16. | Dr. Asis Kumar Senapati | 9938641781 | asiseco@gmail.com |
| | | 17. | Ms. Nirupama Tete | 9938641781 | nirupama.tete@yahoo.co.in |
| 9. | Education | 18. | Dr. S. K. Rout | 9337760983 | saratrout2007@rediffmail.com |
| | | 19. | Dr. B.C. Das | 8093895897 | dasbcbu@gmail.com |
| | | 20. | Dr. P. B. Binjha | 7205574311 | bobby452@gmail.com |
| | | 21. | Dr. Ashok Dansana | 76068 76173 | dansana.cie@gmail.com |
| | | 22. | Dr. Sudarshan Mishra | 9938641781 | |
| 10. | English | 23. | Dr. Khagendra Sethi | 9437200285 | sethi.khagendra@gmail.com |
| | | 24. | Dr. Diptiranjan Maharana | 9439367004 | diptimailid@gmail.com |
| 11. | Geology | 25. | Dr Banajarani Panda | 8895164554 | banajapanda1992@gmail.com |
| | | 26. | Dr Satyabrata Behera | 9439199983 | geo.beherasatyabrata@gmail.com |
| | | 27. | Dr. Abhinay Sharma | 9439478601 | sabhinay340@gmail.com |
| | | 28. | Nirasindhu Desinayak | 8763505545 | neer2505@gmail.com |
| | | 29. | Sudipta Kumar Naik | 7978628253 | sudiptanaik123@gmail.com |
| 12. | History | 30. | Dr. Umakanta Misha | 9938002373 | umajnu@gmail.com |
| | | 31. | Dr. Priyadarshi Kar | 8895274042 | priyadarsikar@gmail.com |

| 13. | Mathematics | 32. | Dr. Subarna Bhatacharjee | 9438004182 | b_subarna@yahoo.com |
|-----|-------------|-----|--------------------------|------------|---------------------|
| 14. | Statistics | **33.** | Prof Sudhir Kumar Sahoo | 9583871537 | drsudhir1972@gmail.com |
|     |            | **34.** | Dr. Saroja Kumar Singh | 9348532914 | sarojasngh@gmail.com |
|     |            | **35.** | Dr. Janardan Behera | 7077972052 | janardanbeheragreetsyou@gmail.com |
| 15. | Odia | 36. | Dr. Bijaylaxmi Dash | 9437000915 | rudrabijayalaxmi@gmail.com |
|     |      | 37. | Dr. Raja Kumar Nayak | 9892171152 | rajakumar.naik@gmail.com |
| 16. | Philosophy | 38. | Prof. Patitapaban Das | 7377074334 | pdas@ravenshawuniversity.ac.in |
|     |            | 39. | Dr. Nibedita Priyadarshini | 9438677477 | nibeditapriyadarsini@gmail.com |
|     |            | 40. | Mr. Jitendra Sabar | 7327912410 | jitu22211@gmail.com |
|     |            | 41. | Ms. Kashmira Murmu | 7326055912 | kashmiramurmu796@gmail.com |
| 17. | Physics | 42. | Dr. Bibekananda Sundaray | 7978032243 | bnsundaray@gmail.com |
|     |         | 43. | Dr. Debadhyan Behera | 9040544898 | debadhyan_25@yahoo.co.in |
|     |         | 44. | Dr. Sudhansu Sekhar Biswal | 9938641781 | sudhansu.biswal@gmail.com |
| 18. | Psychology | 45. | Raja Kishore Prusty | 9337096344 | rajaprustybgr@gmail.com |
|     |            | 46. | Prabhudarsan Sahoo | 8908213741 | prabhudarsansahoo@yahoo.com |
|     |            | 47. | Reetu Patra | 6371876097 | ritzzyy48@gmail.com |
| 19. | Sanskrit | 48. | Dr. Yudhisthir Sahoo |  | judhistirsahu2012@gmail.com |
|     |          | 49. | Dr. Subhashree Dash | 8908213741 | subhasreedash1@gmail.com |

| 20. | Sociology | 50. | Mr. James Kindo | 7205847367 | jameskindo@gmail.com |
| 21. | Urdu | 51. | Dr. Rahmatullah Ashraf | 9971412937 | Mrashraf28@gmail.com |
| 22. | Zoology | 52. | Prof. Lipika Patnaik | 7894516375 | lipika_pat@yahoo.co.uk |
| | | 53. | Dr. Dipti Raut | 9439049872 | raut.dipti2@gmail.com |
| | | 54. | Dr. Dhananjay Soren | 9337333482 | d_soren@yahoo.com |
| | | 55. | Dr. Srikanta Jena | 9337096344 | srikantajena@ravenshawuniversity.ac.in |