

KARNATAK SCIENCE COLLEGE, DHARWAD (KSCD)

(Constituent Science College of Karnatak University, Dharwad)

INTERNAL QUALITY ASSURANCE CELL

Activity Report on the One Day Workshop on Research Methodology held on 17th December 2024

General Information:

Type of Activity	Workshop
Title of the Activity	One Day Workshop on Research Methodology
Date/s	17-12-2024
Time	11 AM- 4 PM
Venue	C1 Lecture Hall, Chemistry Department, KSCD
Collaboration	Science Association, KSCD

Details about the Resource Person:

Name	Dr. I G N Goudar
Title/Position	Ex. Visiting Professor and Library Adviser Bangalore University, Bangalore Ex. Visiting Professor and Library Adviser, UoM Formerly Scientist 'G' and Head, ICAST, NAL, Bangalore
Adjunct Professor, Mangalore University Organization	Adjunct Professor, Mangalore University Ex-Scientist G from ICAST, NAL, Bengaluru
Title of Presentation	The workshop was conducted in two sessions: Morning Session (11:30 AM-2 PM): E-Resources for Excellence in Academic Research and Useful AI Tools Afternoon Session (2:30-4 PM): Quality and Visibility of Research in the Context of NAAC & NIRF and Research Impact Metrics

Participant's profile:

Type of Participants	M Sc Final Students, Faculty, and Research Scholars
No. of Participants	200

Synopsis of the Activity (Description):

Highlights of the Activity	<p>1. Morning Session: E-Resources for Excellence in Academic Research and Useful AI Tools</p> <p>2. Afternoon Session: Quality and Visibility of Research in the Context of NAAC & NIRF and Research Impact Metrics</p>
Key Takeaways	<p>1. The audience was introduced to different e-resources along with working links; demonstrations were conducted and questions by members of the audience were answered by the resource person.</p> <p>2. The power point presentations, including several links were shared with the audience</p> <p>3. The faculty members were made aware of where the institution stands in terms of research output, quality of research and suggestions were given for improvement of quality and documentation</p>
Summary of the Activity	<p>The Workshop started with an inaugural function from 11:00 to 11:30 AM, followed by the Workshop conducted in two sessions, the details about which follow.</p> <p>1. E-Resources for Excellence in Academic Research and Useful AI Tools Chairman: Dr. Rajappa S K Topics Covered: Research process; Literature review; E-Resource types: Theses, Journals, Books, Conferences, Technical reports, Patents, Standards; Pirate Bay of Science – Sci-hub; Chinese National Knowledge Infrastructure; Open Educational Resources: Open Text Books; Bibliographic Databases; Open Access Content of Commercial Publishers: Elsevier, Springer, etc; eShodhSindhu, N-List, One Nation One Subscription; Artificial Intelligence Tools for Literature Search and Review of Literature: AS Review, Scispace, etc</p> <p>2. Quality and Visibility of Research in the Context of NAAC and NIRF and Research Impact Metrics Chairman: Dr. B. Parvathalu Topics Covered: Research evaluation; Publication and Citation based Indicators; Research Impact Metrics: Publication counts, Impact Factor, CiteScore, SJR, h-Index, i10 Index, Altmetrics; Citation Databases: Scopus, Web of Science; Dimensions; Journal Selection Tools; Predatory Publications; UGC-Care List of Journals; NAAC Criteria – Research, Innovation and Extensions; NIRF Parameters – Research and Professional Practice; Research Output of Karnatak Science College, Dharwad (Scopus) – Publications, Citation, h-Index; Tips for Improving Quality and Visibility of Research.</p> <p>After the second session, there was a short Valedictory program (4:30-5:00 PM), during which the Resource Person Dr. I G N Goudar was felicitated by the Principal, Academic Dean, Coordinator of IQAC and other functionaries of the college.</p>



Figure 1. In this photograph, Dr. I G. N. Goudar is seen addressing the participants of the workshop on RESEARCH METHODOLOGY in the CI hall of Karnatak Science College, Dharwad on 17th December 2024.



Figure 2. The first session (morning session) of the one-day workshop on research methodology is in progress. Dr. Rajappa K S chaired the session. Dr. I G N Goudar, the resource person, is delivering his first presentation to the participants of the workshop.



Figure 3. *Dr. I G N Goudar is seen here answering a question by Ms. Sana Attar, a third semester M Sc (Physics) student, during the one-day Workshop on Research Methodology organised by the IQAC of Karnatak Science College, Dharwad (KSCD) in collaboration with the Science Association of KSCD on 17th December 2024. This was during the second session (Afternoon Session) chaired by Dr. B. Parvathalu (seen standing in the background).*



Figure 4. *The resource person of the workshop, Dr. I G N Goudar (seated) was felicitated by dignitaries of the college, during the Valedictory function of the One-day workshop on Research Methodology organized in KSCD on 17th December 2024. Standing (L-R): Dr. Rajesh Kalkhambkar, Dr.(Smt.)Nirupama J M, Professor Dr. G H. Malimath, Professor Dr. Blaise Lobo (Chairman of Science Association and the Coordinator of IQAC, KSCD), Dr. K. S. Katagi (Coordinator of Biotechnology), Professor Dr. Jagadish T Gudagur (Vice-President of KSCD Gymkhana), Principal Professor Dr. (Smt.) M S Salunke, Dr. (Smt.) Saraswati Masti (the Student Welfare Officer) and the Academic Dean Professor Dr. Rajendrakumar Y Budihal.*



Figure 5. Certificates of participation in the one-day workshop on Research Methodology were distributed by the Resource Person Dr. I G N Goudar, during the Valedictory function.



Figure 6. Dr. Kariyappa S Katagi, Associate Professor of Chemistry and Coordinator of Biotechnology receiving his Certificate of Participation from the Resource Person Dr. I G N Goudar.



Figure 7. Earlier in the day, the workshop on Research Methodology was inaugurated by the dignitaries by watering a plant.



Figure 8. Prof. Sangam from the Department of Library and Information Sciences (LIS), Karnatak University, Dharwad (KUD), the research Guide of Dr. I G N Goudar arrived as an invited Guest, and was welcomed with a bouquet by Professor Dr. Kiran P Kolar, Department of Botany, KSCD



Figure 9. Dr. (Smt.) Nirupama J M, Assistant Professor of Physics, Nodal Officer for Artificial Intelligence and Chairperson of Einstein Study Circle, KSCD welcomed the dignitaries, invitees, and participants of the One-day Workshop on Research Methodology during the inaugural program, held on 17-12-2024 in C1 Lecture hall in the Chemistry Department of KSCD



Figure 10. Dr. Kariyappa S Katagi, Associate Professor of Chemistry and the Coordinator of Biotechnology, KSCD introduced the Resource Person (Dr. I G N Goudar) to the audience during the inaugural function of the One-Day Workshop on Research Methodology.



Figure 11. Dr. Rajesh Kalkhambkar, Associate Professor of Chemistry, KSCD welcomed the Chief Guest Dr. I G N Goudar with a bouquet of flowers, during the inaugural function of the one-day workshop on Research Methodology conducted on 17th December 2024.



Figure 12. Academic Dean of KSCD, Dr. Rajendrakumar Y Budihal delivered his remarks on the occasion of the inaugural program of the One-day workshop on Research Methodology held on 17-12-2024. He encouraged the participants to make full use of the expertise of the resource person.



Figure 13. Principal of KSCD, Professor Dr. (Smt.) M S Salunke delivered the Presidential remarks during the inaugural function of the one-day workshop on Research Methodology organized by the Internal Quality Assurance Cell (IQAC) and Science Association of KSCD on 17th December 2024.



Figure 14. Dr. Blaise Lobo, Professor & Head of the Physics Department, the Coordinator of IQAC and Chairman of Science Association, KSCD delivered the “Vote of Thanks” at the end of the inaugural function of the one-day workshop on Research Methodology organized at KSCD on 17th December 2024.




Follow-up plan, if any	<ol style="list-style-type: none"> 1. Collection of PPT files and follow up interaction of participants with the resource person 2. Conduct of micro-level programs in each department by utilising the links in the PPTs 3. Conduct of a more detailed program in the future.
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Rapporteur

Name of the Rapporteur	Dr. Blaise Lobo Professor & Head of the Department of Physics, KSCD IQAC Coordinator & Chairman of Science Association, KSCD
Email and Contact No	blaisefranklobo@gmail.com blaiselobo@kud.ac.in 9980250761

Annexures:

1. Poster of the Activity (or Invitation Letter/ Invitation Card)

 <p>Karnatak University's KARNATAK SCIENCE COLLEGE, DHARWAD <i>Accredited by NAAC with B++ Grade (CGPA: 2.89) in the 4th Cycle</i></p> 	<p>ONE DAY WORKSHOP ON RESEARCH METHODOLOGY</p> <p>RESOURCE PERSON Dr. I. R. N. Goudar</p> <ul style="list-style-type: none"> - Adjunct Professor, Adichunchanagiri University - Adjunct Professor, Mangalore University - Ex. Visiting Professor Cum Library Adviser, Bangalore University - Ex. Visiting Professor Cum Library Adviser, University of Mysore - Ex. Scientist 'G' and Head, ICAST, Nat. Aero. Labs, Bangalore - Ex. Dy Librarian, Indian Inst. of Technol. Madras, Chennai - Ex. Scientist (Information), Indian Inst. of Chem. Technol, Hyderabad - Fulbright Scholar, Univ. of Michigan and Columbia Univ, USA (1995-96) - British Council Scholar (1982-83)
<p>INVITATION INTERNAL QUALITY ASSURANCE CELL (IQAC) in collaboration with the SCIENCE ASSOCIATION has organized a ONE DAY WORKSHOP on RESEARCH METHODOLOGY</p> <p>RESOURCE PERSON: Dr. I. R. N. Goudar Ex. Scientist 'G' and Head, ICAST, NAL, Bengaluru</p> <p><i>Target Audience: Faculty members, Research Scholars and M.Sc. final semester students</i> <i>Inaugural Function is scheduled from 11:00 -11:30 AM on 17-12-2024</i> President: Prof. (Smt.) M. S. Salunke, Principal, KSCD</p> <p>Date: 17th December 2024 Time : 11 am to 4 pm (Lunch Break: 1:30-2:00 PM)</p> <p>Venue: C1 Lecture Hall Karnatak Science College, Dharwad (KSCD)</p>	<p>FIRST TALK: <u>E-Resources for Excellence in Academic Research and Useful AI Tools</u> ; Pre-lunch session: 11:30 am – 1:30 pm Topics Covered: Research process; Literature review; E-Resource types: Theses, Journals, Books, Conferences, Technical reports, Patents, Standards; Pirate Bay of Science – Sci-hub; Chinese National Knowledge Infrastructure; Open Educational Resources: Open Text Books; Bibliographic Databases; Open Access Content of Commercial Publishers: Elsevier, Springer, etc; eShodhSindhu, N-List, One Nation One Subscription (ONOS); Artificial Intelligence Tools for Literature Search and Review of Literature: AS Review, Scispace, among many others.</p> <p>SECOND TALK: <u>Quality and Visibility of Research in the Context of NAAC and NIRF and Research Impact Metrics</u>; Post-lunch session: 2:00 pm – 4:00 pm Topics Covered: Research evaluation; Publication and Citation based Indicators; Research Impact Metrics: Publication counts, Impact Factor, CiteScore, SJR, h-Index, i10 Index, Altmetrics; Citation Databases: Scopus, Web of Science; Dimensions; Journal Selection Tools; Predatory Publications; UGC-Care List of Journals; NAAC Criteria – Research, Innovation and Extensions; NIRF Parameters – Research and Professional Practice; Research Output of Karnatak Science College, Dharwad (as indexed in Scopus)– Publications, Citations, h-Index; Tips for Improving Quality and Visibility of Research. Sessions include extensive practical demos.</p>
 <p>Prof. Blaise Lobo Coordinator (IQAC) and Chairman (Science Association)</p>	<p>Prof. R. Y. Budihal Academic Dean KSCD</p>
<p>Prof. (Smt.) M.S. Salunke Principal and Chairperson (IQAC)</p>	

The banner features the logos of Karnatak University and the Science Association at the top corners. The central text is arranged in a hierarchical manner, starting with the college name and accreditation details, followed by the workshop title in large, stylized letters. Below the title, the resource person's name and credentials are listed, followed by the names and titles of the three organizing faculty members. The bottom section contains the event date, time, and venue information.

Karnatak University's
KARNATAK SCIENCE COLLEGE, DHARWAD
Accredited by NAAC with B++ Grade (CGPA: 2.89) in the 4th Cycle
INTERNAL QUALITY ASSURANCE CELL (IQAC)
IN COLLABORATION WITH THE SCIENCE ASSOCIATION
ONE DAY WORKSHOP ON
RESEARCH METHODOLOGY
RESOURCE PERSON:
Dr. I. R. N. Goudar
Ex. Scientist 'G' and Head, ICAST, NAL, Bengaluru
Prof. Blaise Lobo
Coordinator (IQAC) and Chairman
(Science Association)
Prof. R. Y. Budihal
Academic Dean
Prof. (Smt.) M.S. Salunke
Principal and Chairperson
(IQAC)
Date: 17th December 2024 Time: 11 am to 4 pm Lunch Break: 1:30-2:00 PM
Venue: C1 Lecture Hall, Karnatak Science College, Dharwad (KSCD)

2. Schedule of the event (Agenda):
PTO (see next page)



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INTERNAL QUALITY ASSURANCE CELL
in collaboration with
SCIENCE ASSOCIATION



One - Day Workshop on
"RESEARCH METHODOLOGY"
17th December, 2024

AGENDA

1	Welcome Speech:	Dr. (Smt) Nirupama, J.M
2	Introduction of Chief Guest:	Dr. K. S. Katagi
3	Speech:	Dr. I. R. N. Goudar, Resource Person
4	Remarks	Prof. R.Y. Budihal, Academic Dean
5	Presidential Remarks	Prof. (Smt) M. S. Salunke, Principal & Chairperson (IQAC)
6	Vote of Thanks	Prof. Blaise Lobo, Coordinator (IQAC) & Chairman (Science Association)

Short Tea Break

SESSION I: 11:30 AM TO 1:30 PM

CHAIRMAN: Dr. Rajappa, S. Department of Chemistry

SESSION II: 2:00 PM TO 4:00 PM

CHAIRMAN: Dr. B. Parvathalu, Department of Mathematics

Prof. Blaise Lobo
Coordinator (IQAC) &
Chairman
(Science Association)

Prof. R.Y. Budihal
Academic Dean,
KSCD

Prof. (Smt) M. S. Salunke
Principal &
Chairperson (IQAC)
KSCD

3. Photos of the activity, including at least two geo-tagged photos



Figure 15. The dignitaries inaugurated the One Day Workshop on Research Methodology held in the C 1 Hall of KSCD by watering a plant (17th December 2024); Standing (L-R): Prof. R. Y. Budihal (Academic Dean, KSCD), Dr. B. R. Police Patil (Invited Guest), Dr. I G N Goudar (Resource Person), Prof M S Salunke (Principal), Prof. Blaise Lobo (Coordinator of IQAC & Chairman of Science Association, KSCD), Prof. Sangam (Invited Guest), and Prof. J T Gudagur (Vice-President of KSCD Gymkhana)



Figure 16. A photograph taken during the conduct of the workshop on Research Methodology, conducted on 17th December 2024



Figure 17. A photograph taken during the first session of the workshop on Research Methodology, conducted on 17th December 2024. Dr. Rajappa K S, the Chairman of the morning session is seen on the dais.



Figure 18. Earlier in the day, during the inaugural program of the one-day workshop on Research Methodology, Dr. I G N Goudar delivered the inaugural address, listing out the salient features of the different sessions of the workshop.



Figure 19. Dr. Rajappa K S, Assistant Professor of Chemistry, KSCD and Chairman of the morning session gives the opening remarks regarding the topics to be covered by the resource person Dr. I G N Goudar (seated) in the first session. The session dealt with topics on “E-Resources for Excellence in Academic Research and Useful AI Tools”



Figure 20. Dr. Rajappa K S, the Chairman of the morning session on “E-Resources for Excellence in Academic Research and Useful AI Tools” interacting with the participants after the session by the resource person Dr. I G N Goudar. The session was a part of the one-day workshop on Research Methodology organized by the IQAC and Science Association of Karnatak Science College, Dharwad.



Figure 21. Inauguration of the One-day workshop on Research Methodology (17-12-2024) at KSCD by watering a plant.



Figure 22. Dr. Rajesh G Kalkhambkar, one of the top researchers from KSCD and Associate Professor of Chemistry giving his inputs during the "Question and Answer" part of the Afternoon Session of the One-day Workshop on Research Methodology held at KSCD on 17th December 2024. The resource person Dr. I G N Goudar and the Chairman of the afternoon session, Dr. B. Parvathalu (in the background) are also seen in this photograph.



Figure 23. Dr. B. Parvathalu, HOD and Assistant Professor of Mathematics, KSCD is seen in this photograph. He is interacting with the resource person Dr. I G N Goudar. Dr. B. Parvathalu was the Chairman of the afternoon session, during the one-day workshop on Research Methodology organized by the IQAC and Science Association of Karnatak Science College, Dharwad on 17th December 2024.

4. Speaker Profile (bio-data/C.V.):

Brief Bio-data of Dr. I G N Goudar:

Dr. I.R.N. Goudar, a Fulbrighter and British Council Visiting Scholar has delivered more than 500 invited talks and conducted more than 150 solo half day and full day Research Methodology workshops covering topics like Academic Writing, Literature Reviewing, artificial intelligence (AI) tools for Literature Review, Systematic Reviews, E-Resources for Academic Research, Open Access, Pirate or Illegal Sources of PDFs, Quality and Visibility of Research, Research Impact Metrics, Research Misconduct and Publication Ethics, Predatory Publications, Tips for Avoiding Plagiarism, Choosing Journals for Publishing, UGC - CARE Journals, etc. for the benefit faculty and research scholars across different disciplines from Fine arts to Social sciences to Biological, Medical and Physical and Engineering sciences of more than 185 higher education institutes (HEIs) spread over 12 Indian states, including institutions like the University of Michigan (USA), IITM, NITR, IIITA, CSIR, DRDO, BARC, AIIMS; RGUHS, VTU and top Corporate R & Ds.

Dr. Goudar has more than 42 years of experience in prestigious institutions like NAL, Bengaluru; IIT, Chennai; IIT, Hyderabad; L & T Mumbai, CFTRI, Mysore, and after retirement at the Universities of Mysore, Bangalore and Mangalore. He has been member of the Selection and Assessment Committees of many institutions like IISc, ISRO, DRDO, CSIR, ISI, CPRI, IIAP, among many others.