



IMPLEMENTATION AGREEMENT

Between

UNDERGRADUATE PROGRAM OF SCIENCE EDUCATION, FMNS, UNESA, INDONESIA

And

DEPARTMENT OF CHEMISTRY, MADHAV SCIENCE POST GRADUATE COLLEGE
(af. VIKRAM UNIVERSITY) UJJAIN 456010 (INDIA)

Presented by

Dr. Erman, M.Pd.

Professor & Head of Department Natural Science Education
Universitas Negeri Surabaya, Indonesia

July 28, 2021

Introduction: Undergraduate Program of Science Education (UPSE)

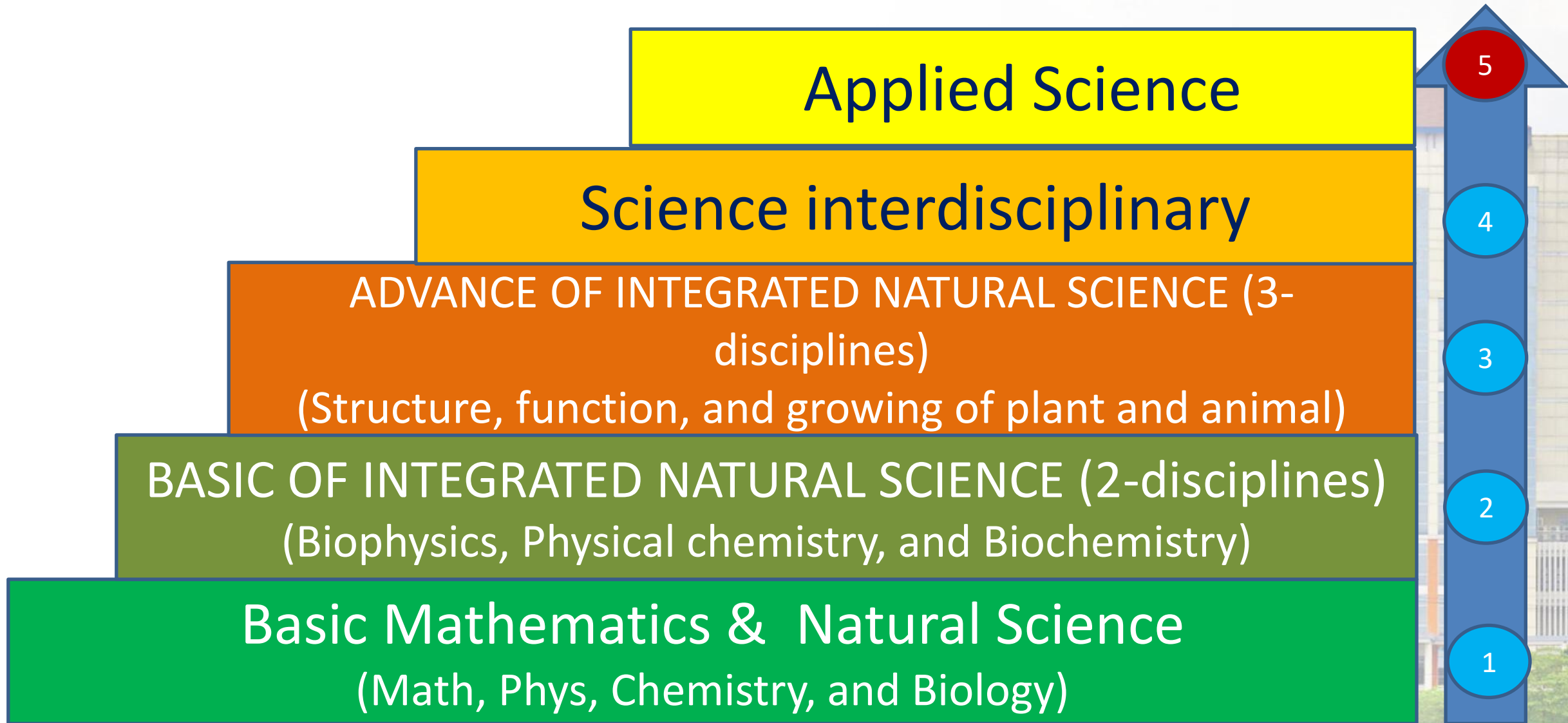
- UPSE is under the Department of Science Education in Faculty of Mathematics and Natural Science (FMNS), Universitas Negeri Surabaya.
- UPSE focuses on pedagogical integrated natural science
- The study program is preparing graduations to become candidates of secondary school teachers
- International Accredited by ASIIN
- Best category (A) for National Accreditation



UPSE

- Staff member of UPSE: Professor, Associate professor, and Assistant professor
- Pedagogical research interest:
 1. Teaching and Learning of NS
 2. Curriculum and Assessment of NS
 3. Media and Technology of NS
- Integrated natural science research interest:
 1. Biophysic
 2. Physical chemistry
 3. Biochemistry





Semester

Teaching of integrated science
(Syllabus and simulation)

Educational Assessment and Evaluation,
Technology and Media of Learning

INTEGRATION MODELS, LEARNING THEORY, AND THE SCHOOL CURRICULUM
ANALYSIS OF NATURAL SCIENCE SUBJECT

BASIC OF PEDAGOGICAL KNOWLEDGE

4

3

2

1

Implementation Agreement: Purpose

- Exchange of faculty members
- Exchange of students
- Joint research projects and publications
- Resources sharing of International Seminar of Conference
- Other program agreed by both parties



Program 1: Exchange of staff members

- General lecturing (Online or offline)
- Guest Lecturing for any session or semester
- Special training

General Lecturing: Prof. Bill Atweh



Program 2: Exchange of students

- Sit in lecturing (Online or Offline)
- Internship program in international schools
- Thesis Advisor



Program 3: Joint Research Project & Publications

- Collaborative research
- Collaboration in publication

Bidang Fokus Penelitian: Pendidikan

USUL PENELITIAN
SKEMA PENELITIAN KOLABORATIF INTERNASIONAL



JUDUL PENELITIAN:
AN INTENSIVE SCAFFOLDING IN ADDRESSING
MACROSCOPIC SOCIO-SCIENTIFIC ISSUE TO
HELP COLLEGE STUDENT LEARNING SCIENCE
AT MICROSCOPIC LEVEL

TIM PENGUSUL:

Prof. Dr. Erman, M.Pd.	0005067105
Dra. Martini, M.Pd.	0002046702
Enny Susiyawati, S.Si, M.Sc., M.Pd., Ph.D.	0016068605
Dr. Hasan Subekti, S.Pd., M.Pd.	0028058002
Prof. Dr. Brijesh Pare	

UNIVERSITAS NEGERI SURABAYA

Program 4: Resources sharing

- Seminar
- Conferences
- Workshop
- Training

NATIONAL SEMINAR & WORKSHOP ON SCIENCE EDUCATION XIII 2021 <http://semmasipa.conference.unesa.ac.id/>

Evolving learning science through TPACK: A demand to improve distance learning in the society 5.0 era

TOPICS

- 1) Pedagogical content knowledge
- 2) Science learning
- 3) Media of learning
- 4) Science data in science teaching
- 5) Technology in science teaching
- 6) Assessment of science teaching
- 7) Science research

Prof. Dr. Bijesh Pare, M.Phil, M.Sc.
Assistant Professor and Head of Chemistry Department
Macharya Science Post Graduate College
UJSSM - 606 000

Muhammad Syaifulin, M.Ed., Ph.D.
(Universitas Islam Negeri Sunan Ampel Surabaya)

Enny Susiyawati, M.Sc., Ph.D.
(Universitas Negeri Surabaya)

***REGISTRATION FEE**

Lecturers, Teachers, Researchers
IDR 100.000

Postgraduate students
IDR 75.000

Undergraduate students
IDR 50.000

***Free for non-presenters**

Registration fee can be transferred to Bank Tabungan Negara Virtual Account
8632090717209070809
Pembayaran Sesi

REGISTRATION
<http://bit.ly/semmasipa2021>

PLATFORMS

IMPORTANT DATES

Article submission deadline: 28th July - 08th August 2021
Notification of article acceptance: 19th - 22nd August 2021
SEMINAR: 20th August 2021

***PUBLICATION**

- Jurnal Pendidikan IPA Indonesia (JPPI)
- Scopus Indexed proceedings
- Jurnal Penelitian Pendidikan IPA (JPPPIA)
- ISBN online proceedings

Scopus Indexed Scopus Indexed Scopus Indexed Scopus Indexed
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SCIENCE WORKSHOP

- Minimum Competency Assessment (AKM) (32 hours) 14th August 2021
- Knowledge of School Science Laboratory Management (32 hours) 21st August 2021
- The use of technology in media in science learning media (32 hours) 28th August 2021

For more detail about the workshop, you can text ZUMAR at +62 812 2812 4701

CP SEMINAR
DHTA ATU PERMATASARI +62 876 319 8456
ALINDA DRI SAPUTRI +62 805 3932 53233

SECRETARIAT: Science Department, C/2 Building, 1st floor,
Faculty of Mathematics & Natural Sciences
Unesa Kotiriang Campus, Email: semmasipa@unesa.ac.id

Program 5: Other program agreed both parties

- Sharing experience of natural science teachers or teacher candidate of secondary schools between Indonesia and India
- Writing book
- FGD
- Teaching and learning Simulation
- Graduate/Postgraduate studies





Thank You